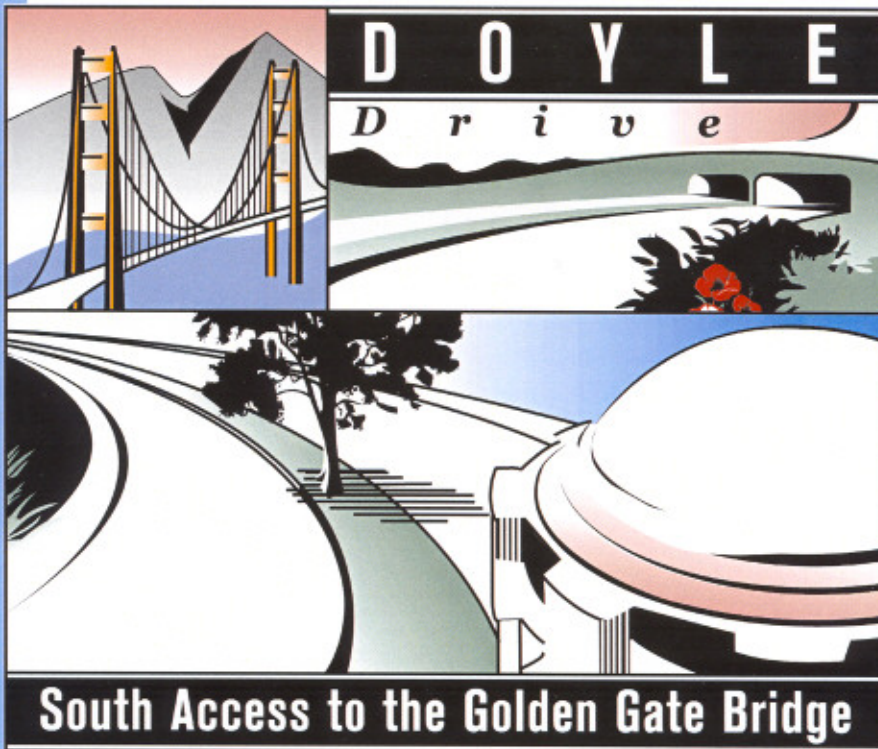


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EXECUTIVE SUMMARY

This report presents the results of the air quality study conducted for the South Access to the Golden Gate Bridge – Doyle Drive Project (Doyle Drive Project). This report is one of several technical reports prepared in support of the Draft Environmental Impact Report (DEIS/DEIR). The information from this report will be summarized in the DEIS/DEIR. The study considered the potential for construction and operational phase impacts. The air quality analysis was conducted following methodologies that are consistent with the California Environmental Quality Act (CEQA), including CEQA requirements established by the Bay Area Air Quality Management District (BAAQMD). In addition, the air quality analysis was conducted consistent with National Environmental Policy Act (NEPA) requirements.

Doyle Drive is located in the Presidio of San Francisco (the Presidio), in the northern part of the City of San Francisco at the southern approach to the Golden Gate Bridge. The purpose of the project is to replace Doyle Drive to improve the seismic, structural, and traffic safety of the roadway within the setting and context of the Presidio and its purpose as a National Park. The following alternatives were considered:

- Alternative 1: No-Build Alternative,
- Alternative 2: Replace and Widen Alternative, and
- Alternative 5. Presidio Parkway Alternative

Construction activities associated with the project would generate short-term emissions of criteria pollutants from diesel equipment exhaust, as well as suspended and inhalable particulate matter from grading and soil handling. If not mitigated, these emissions could result in temporary significant impacts under CEQA. The BAAQMD's approach to analyses of construction impacts is to emphasize implementation of effective and comprehensive control measures, and a project's construction related impacts would be less than significant if the required dust-control measures are implemented. Odors from diesel exhaust construction equipment may be perceived on occasion by nearby residents or park users, but these impacts would be temporary.

During operations, changes in traffic operations from the various alternatives in the future year (2030) were compared with the No-Build Alternative in 2030 and with existing conditions in 2000 to determine if the changes could cause impacts to air quality. However, project emissions are already included in the 2003 Transportation Improvement Program (TIP) as developed by the Metropolitan Transportation Commission (MTC); therefore, the Project conforms with the Regional Clean Air Plan.

When comparing the Replace and Widen Alternative and the Presidio Parkway Alternative with the No-Build Alternative in 2030, there would be little or no change in daily traffic and emissions. The impacts of all of the alternatives on regional emissions and on air quality would therefore be less than significant.

Local air quality impacts from carbon monoxide (CO) emissions were evaluated for the worst-case intersection using the Project-Level CO Analysis Protocol developed jointly by the California Department of Transportation (Caltrans) and the Institute of Transportation Studies, University of California at Davis and approved by the U.S. Environmental Protection Agency for use in the Bay Area. The worst-case CO concentrations for all alternatives were determined to be well below the 1-hour and 8-hour standards. Concentrations at sensitive receptors which are farther away from the emission sources would be lower than those at the worst-case receptors, and the impacts would be less than significant.

The Presidio Parkway Alternative proposes to use tunnels as part of the project. Although detailed design of the tunnels has not been conducted yet, the design will have to incorporate ventilation systems that limit CO concentrations within the tunnels to acceptable levels. CO concentrations in tunnels would be higher than in the open air. However, ventilation systems would be expected to reduce concentrations to near normal levels and the impacts would be less than significant.

SECTION 1: INTRODUCTION

This report presents results of the air quality study conducted for the South Access to the Golden Gate Bridge – Doyle Drive Project (Doyle Drive Project). The report addresses potential air quality impacts from the Doyle Drive Project. The findings of this study will be incorporated into the environmental document prepared for the Doyle Drive Project, as required to meet National Environmental Policy Act of 1969 (NEPA) and California Environmental Quality Act of 1970 (CEQA) standards.

1.1 PROJECT DESCRIPTION

Doyle Drive is located in the Presidio of San Francisco (the Presidio), in the northern part of the City of San Francisco at the southern approach to the Golden Gate Bridge (see Figure 1-1). In 1994, when the US Army transferred jurisdiction of the Presidio to the National Park Service (NPS), it became part of the National Park system and Golden Gate National Recreation Area (GGNRA). In 1998, management of the Presidio was divided between two federal agencies: The Presidio Trust (the Trust), the agency responsible for oversight of 80 percent of the Presidio delineated as Area B; and the NPS, which is responsible for management of the coastal portions of the park (the remaining 20 percent) that are delineated as Area A. Doyle Drive lies predominately within the Area B lands managed by the Trust with a small portion at the western end located in Area A on land operated by the Golden Gate Bridge, Highway and Transportation District (GGBHTD). The Presidio has also been designated a National Historic Landmark District (NHLD) since 1962 with the Doyle Drive roadway determined to be a contributing element to that landmark.

Doyle Drive, the southern approach of US 101 to the Golden Gate Bridge, is 2.4 kilometers (1.5 miles) long with six traffic lanes. There are three San Francisco approach ramps which connect to Doyle Drive: one beginning at the intersection of Marina Boulevard and Lyon Street; one at the intersection of Richardson Avenue and Lyon Street; and one where Park Presidio Boulevard (State Route 1) merges into Doyle Drive approximately 1.6 kilometers (one mile) west of the Marina Boulevard approach (see Figure 1-1). Doyle Drive passes through the Presidio on an elevated concrete viaduct (low-viaduct) and transitions to a high steel truss viaduct (high-viaduct) as it approaches the Golden Gate Bridge Toll Plaza.

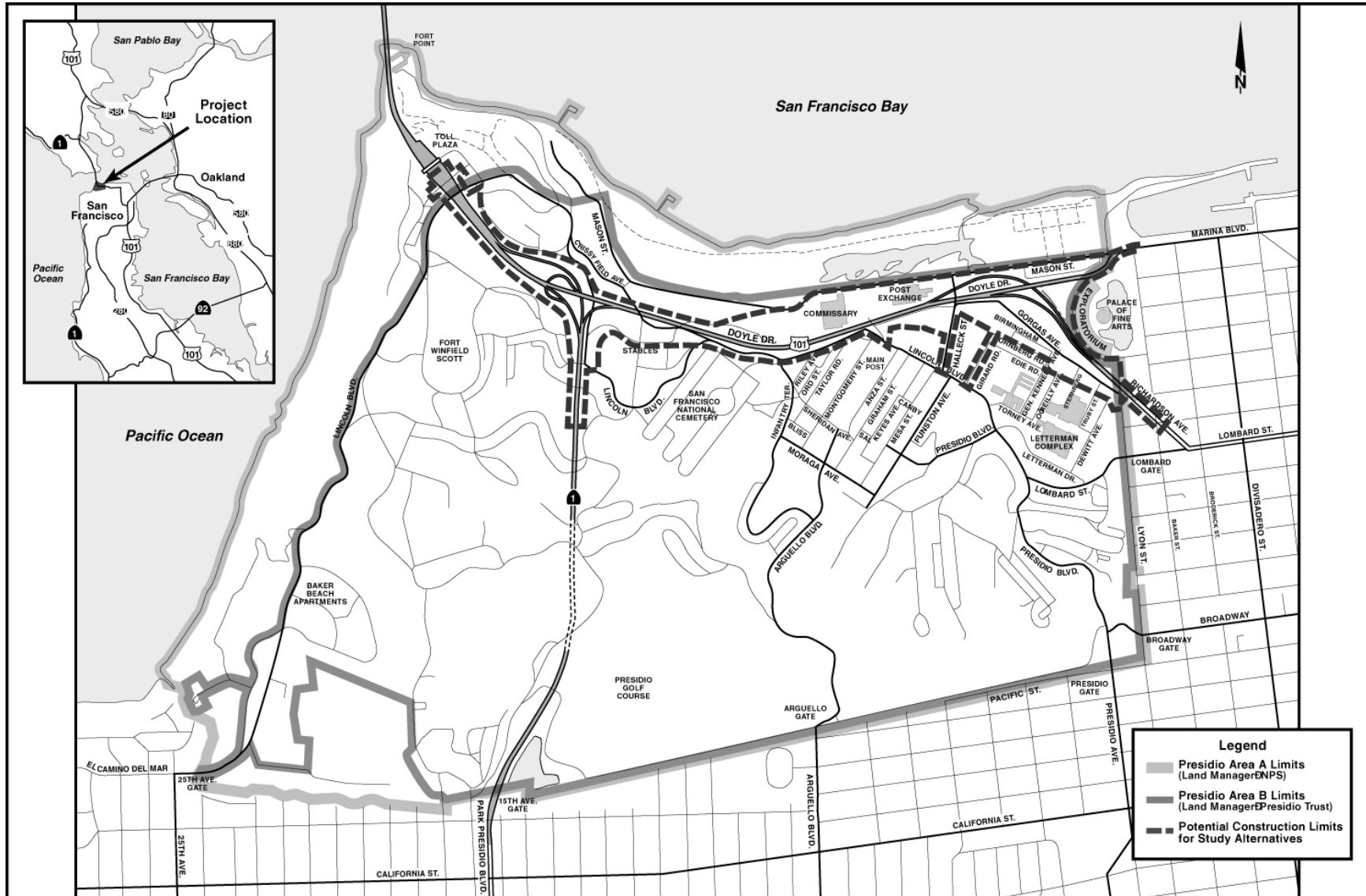
Doyle Drive is nearly 70 years old and it is approaching the end of its useful life, although regular maintenance, seismic retrofit, and partial rehabilitation activities are keeping the structure safe in the short term. However, further structural degradation caused by age and the effects of heavy traffic and exposure to salt air will cause the structures to become seismically and structurally unsafe in the coming years. In addition, the eastern portion of the aging facility is located in a potential liquefaction zone identified on the State of California Seismic Hazard Zones map dated August 2000.

Currently, Doyle Drive has nonstandard design elements, including travel lanes from 2.9 to 3.0 meters (9.5 to 10.0 feet) in width, no fixed median barrier, no shoulders and exit ramps that have tight turning radii. During peak traffic hours, plastic pylons are manually moved to provide a median lane as well as to reverse the direction of traffic flow of several lanes (Project Study Report: Doyle Drive Reconstruction, 1993).

1.1.1 Project Purpose

The purpose of the South Access to the Golden Gate Bridge - Doyle Drive Project is to replace Doyle Drive in order to improve the seismic, structural, and traffic safety of the roadway within the setting and context of the Presidio of San Francisco and its purpose as a National Park.

**FIGURE 1-1
PROJECT LOCATION**



1.1.2 Project Alternatives

This section describes the build alternatives in terms of physical and operating characteristics and a No-Build Alternative. During the screening process, all alternatives were evaluated for their ability to meet the project's Purpose and Need. Detailed drawings showing the plan and profile of each alternative in addition to the various design options can be found in Appendix A.

1.1.2.1 Alternative 1: No-Build Alternative

The No-Build Alternative represents the future year conditions if no other actions are taken in the study area beyond what is already programmed by the year 2020. The No-Build Alternative provides the baseline for existing environmental conditions and future travel conditions against which all other alternatives are compared.

Doyle Drive would remain in its current configuration, with six traffic lanes ranging in width from 2.9 to 3.0 meters (9.5 to 10 feet) and an overall facility width of 20.4 meters (67 feet) (see Figure 1-2). There are no fixed median barriers or shoulders. The lane configuration is changed by manually moving plastic pylons to increase the number of lanes in the peak direction of traffic. The facility passes through the Presidio on a high steel truss viaduct and a low elevated concrete viaduct with lengths of 463 meters (1,519 feet) and 1,137 meters (3,730 feet), respectively. This alternative does not improve the seismic, structural, or traffic safety of the roadway.

Vehicular access to the Presidio is available from Doyle Drive via the off-ramp to Merchant Road at the Golden Gate Bridge Toll Plaza. At the eastern end of Doyle Drive, Presidio access would be provided by the slip ramp from westbound Richardson Avenue to Gorgas Avenue, which is currently under construction.

1.1.2.2 Alternative 2: Replace and Widen Alternative

The Replace and Widen Alternative would replace the 463-meter (1,520-foot) high-viaduct and the 1,137-meter (3,730-foot) low-viaduct with wider structures that meet the most current seismic and structural design standards (see Figure 1-3). The new facility would be replaced on the existing alignment and widened to incorporate improvements for increased traffic safety.

This alternative would include either six 3.6-meter (12-foot) lanes and a 3.6-meter (12-foot) eastbound auxiliary lane with a fixed median barrier or six 3.6-meter (12-foot) lanes with a moveable median barrier. The new facility would have an overall width of 38.0 meters (124 feet). The fixed median barrier option would require localized lane width reduction to 3.3 meters (11 feet) to avoid impacts to the historic batteries and Lincoln Boulevard, reducing the facility width to 32.4 meters (106 feet). Both options would include continuous outside shoulders along the facility. At the Park Presidio interchange, the two ramps connecting eastbound Doyle Drive to Park Presidio Boulevard and the ramp connecting westbound Doyle Drive to southbound Park Presidio Boulevard would be reconfigured to accommodate the wider facility. The Replace and Widen Alternative would operate similar to the existing facility except that there would be a median barrier and shoulders to accommodate disabled vehicles.

The Replace and Widen Alternative includes two options for the construction staging:

No Detour Option – The widened portion of the new facility would be constructed on both sides and above the existing low-viaduct and would maintain traffic on the existing structure. Traffic would be incrementally shifted to the new facility as it is widened over the top of the existing structure. Once all traffic is on the new structure, the existing structure would be demolished and the new portions of the facility would be connected. To allow for the construction staging using the existing facility, the new low-viaduct would be constructed two meters (six feet) higher than the existing low-viaduct structure.

FIGURE 1-2
ALTERNATIVE 1: NO-BUILD

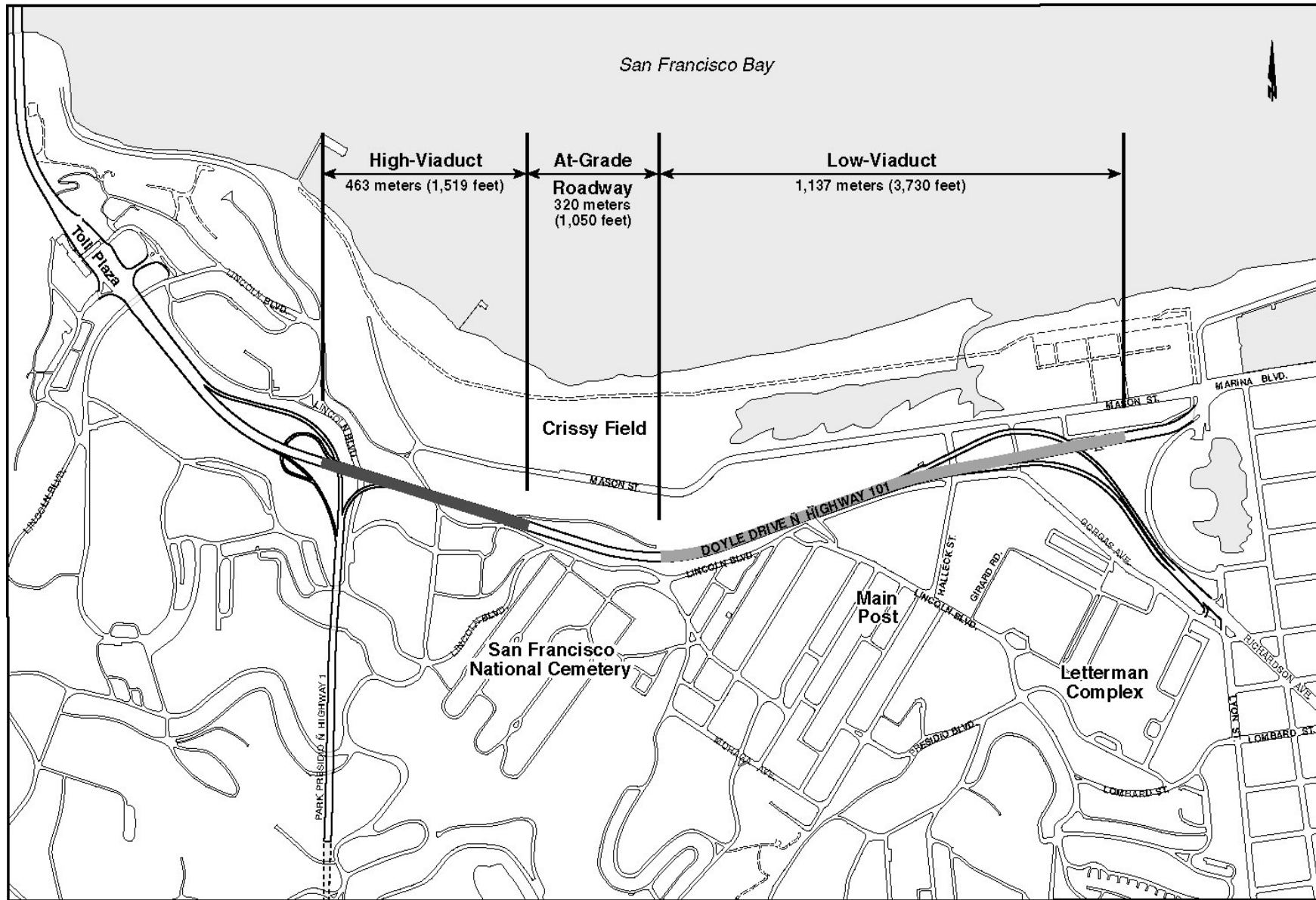
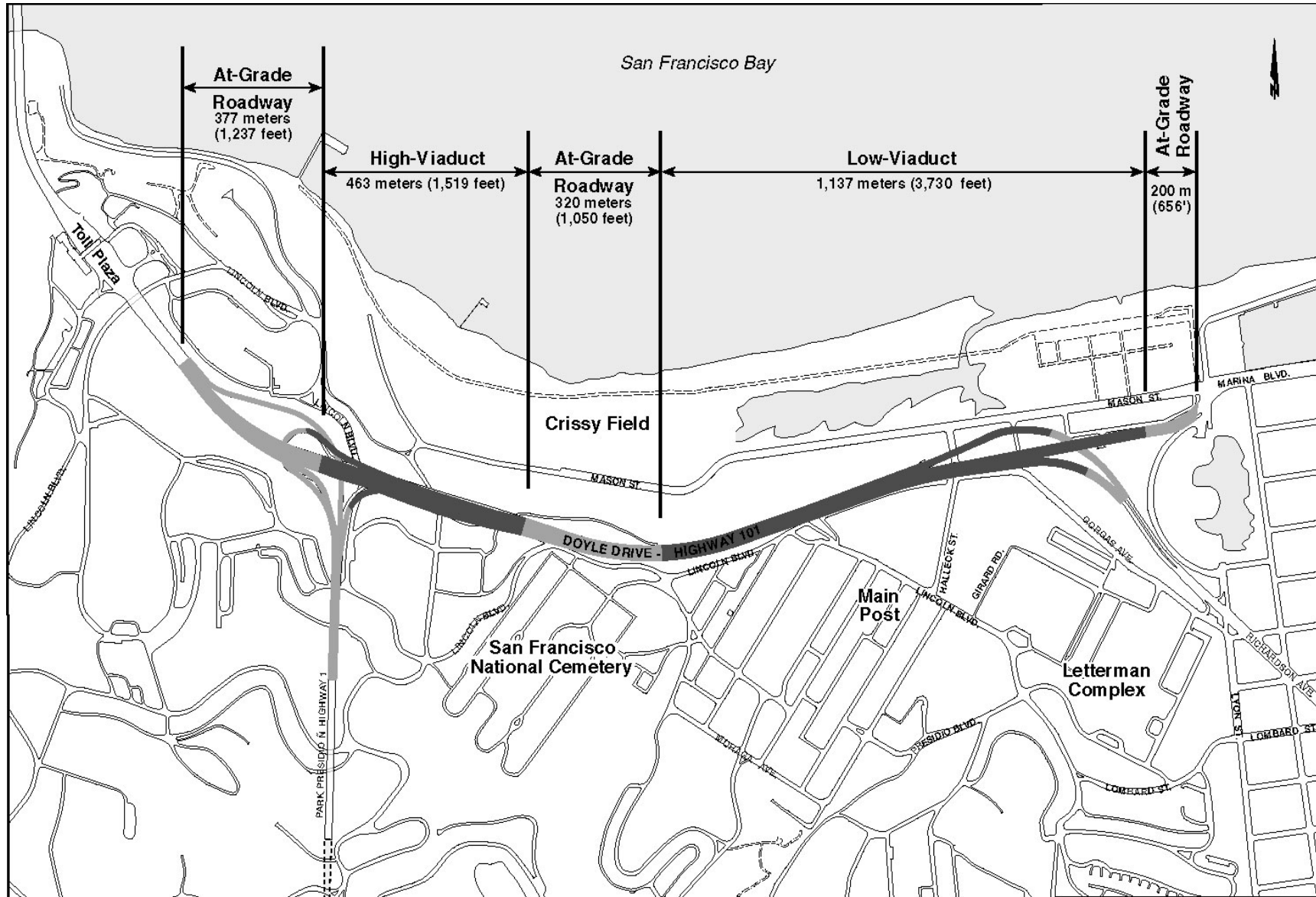


FIGURE 1-3
ALTERNATIVE 2: REPLACE AND WIDEN



With Detour Option - A 20.4-meter (67-foot) wide temporary detour facility would be constructed to the north of the existing Doyle Drive to maintain traffic through the construction period. Access to Marina Boulevard during construction would be maintained on an elevated temporary structure south of Mason Street. On and off ramps to the mainline detour facility would be located near the Post Exchange (PX) building.

Vehicular access to the Presidio is available from Doyle Drive via the off-ramp to Merchant Road at the Golden Gate Bridge Toll Plaza. There would be no Presidio access at the east end of Doyle Drive due to geometric constraints and concerns for traffic safety.

1.1.2.3 Alternative 5: Presidio Parkway Alternative

The Presidio Parkway Alternative would replace the existing facility with a new six-lane facility and an eastbound auxiliary lane between the Park Presidio interchange and the new Presidio access at Girard Road (see Figure 1-4). The new facility would have an overall width of up to 45 meters (148 feet), and would incorporate wide landscaped medians and continuous shoulders. To minimize impacts to the park, the footprint of the new facility would include a large portion of the existing facility's footprint east of the Park Presidio interchange. A 450-meter (1,476-foot) high-viaduct would be constructed between the Park Presidio interchange and the San Francisco National Cemetery. Shallow cut-and-cover tunnels would extend 240 meters (787 feet) past the cemetery to east of Battery Blaney. The facility would then continue towards the Main Post in an open depressed roadway with a wide, heavily landscaped median. From Building 106 (Band Barracks) cut-and-cover tunnels up to 310 meters long (984 feet) would extend east of Halleck Street. The facility would then rise slightly on a low level causeway 160 meters (525 feet) long over the site of the proposed Tennessee Hollow restoration and a depressed Girard Road. East of Girard Road the facility would return to existing grade north of the Gorgas warehouses and connect to Richardson Avenue.

The Presidio Parkway Alternative would include an underground parking facility at the eastern end of the project corridor between the Mason Street Warehouses, Gorgas Street Warehouses and Palace of Fine Arts. The parking garage would supply approximately 500 spaces to maintain the existing parking supply in the area and improve pedestrian and vehicular access between the Presidio and the Palace of Fine Arts.

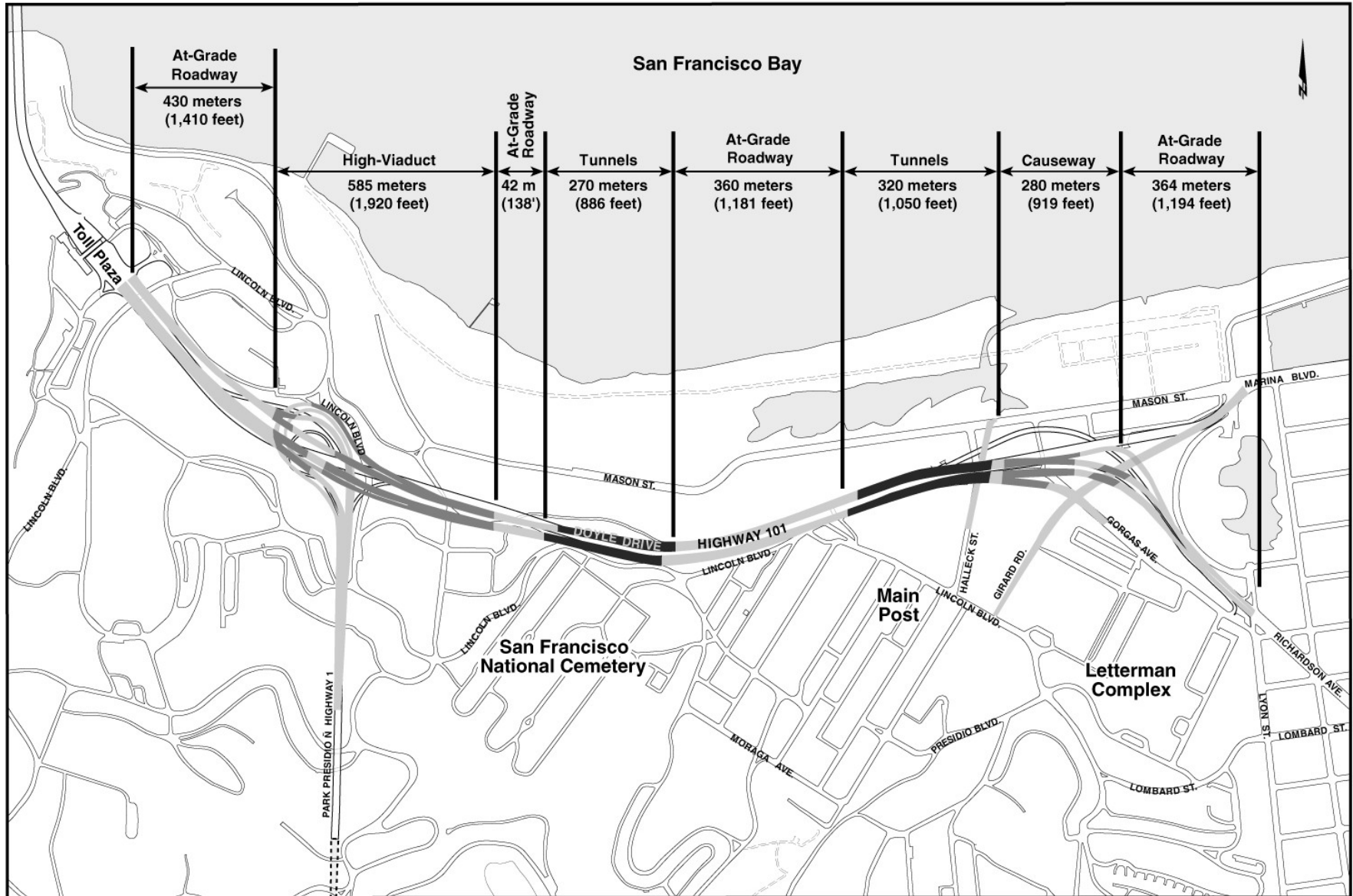
At the intersection with Merchant Road, just east of the toll plaza, a design option has been developed for a Merchant Road slip ramp. This option would provide an additional new connection from westbound Doyle Drive to Merchant Road. This ramp would provide direct access to the Golden Gate Visitors' Center and alleviate the congested weaving section where northbound Park Presidio Boulevard merges into Doyle Drive.

The Park Presidio interchange would be reconfigured due to the realignment of Doyle Drive to the south. The exit ramp from eastbound Doyle Drive to southbound Park Presidio Boulevard would be replaced with standard exit ramp geometry and widened to two lanes. The loop of the westbound Doyle Drive exit ramp to southbound Park Presidio Boulevard would be improved to provide standard exit ramp geometry. The northbound Park Presidio Boulevard connection to westbound Doyle Drive would be realigned to provide standard entrance ramp geometry. There are two options for the northbound Park Presidio Boulevard ramp to an eastbound Doyle Drive connection:

Option 1: Loop Ramp - Replace the existing ramp with a loop ramp to the left to reduce construction close to the Calvary Stables and provide standard entrance and exit ramp geometry.

Option 2: Hook Ramp - Rebuild the ramp with a similar configuration as the existing ramp with a curve to the right and improved exit and entrance geometry.

**FIGURE 1-4
ALTERNATIVE 5: PRESIDIO PARKWAY**



The Presidio Parkway Alternative includes two options for direct access to the Presidio and Marina Boulevard at the eastern end of the project:

Diamond Option – Direct access to the Presidio and Marina Boulevard in both directions is provided by the access ramps from Doyle Drive connecting to a grade-separated interchange at Girard Road. East of the new Letterman garage, Gorgas Avenue is a one-way street and connects to Richardson Avenue with access to Palace Drive via a signalized intersection at Lyon Street.

Circle Drive Option – The Circle Drive Option provides direct access to the Presidio and Marina Boulevard for eastbound traffic by access ramps connecting to a grade-separated interchange of Girard Road. Westbound traffic from Richardson Avenue would access the Presidio and Palace Drive through a jug handle intersection with Gorgas Avenue.

SECTION 2: REGULATORY CONTEXT AND METHODOLOGY

2.1 REGULATORY CONTEXT

Regulation of air pollution is achieved through both national and state ambient air quality standards and emissions limits for individual sources of air pollutants. The federal Clean Air Act requires the U.S. Environmental Protection Agency (U.S. EPA) to identify National Ambient Air Quality Standards (national standards) to protect public health and welfare. National standards have been established for ozone, carbon monoxide (CO), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), particulate matter (PM-10 and PM-2.5), and lead. These pollutants are called "criteria" air pollutants because standards have been established for each of them to meet specific public health and welfare criteria. California has adopted more stringent ambient air quality standards for most of the criteria air pollutants (referred to as State Ambient Air Quality Standards or state standards). Table 2-1 presents both sets of ambient air quality standards (i.e., national and state) and provides a brief discussion of the related health effects and principal sources for each pollutant.

2.1.1 Attainment / Nonattainment Designations

Under amendments to the federal Clean Air Act, U.S. EPA has classified air basins, or portions thereof, as either "attainment" or "nonattainment" for each criteria air pollutant, based on whether or not the national standards have been achieved. In 1988, the State Legislature passed the California Clean Air Act, which is patterned after the federal Clean Air Act to the extent that areas are required to be designated as attainment or nonattainment, but, under the California Clean Air Act, the designations relate to the state standards, rather than the national standards. Thus, areas in California have two sets of designations: one set with respect to the national standards and one set with respect to the state standards.

2.1.1.1 National Standards

Based on monitoring data from the 1970's and 1980's, U.S. EPA designated the Bay Area as a nonattainment area for the national (one-hour) ozone standard. In 1995, U.S. EPA re-designated the Bay Area to attainment based on monitoring data from the early 1990's which had indicated that the standard had been achieved (U.S. EPA, 1995). However, in 1998, U.S. EPA re-designated the Bay Area back to nonattainment based on exceedances of the standard measured in 1995 and 1996 (U.S. EPA, 1998b). Although most ozone nonattainment areas are also given a subclassification such as "moderate," "serious," "severe," or "extreme," U.S. EPA did not identify such a subclassification for the Bay Area when it redesignated the Bay Area as an ozone nonattainment area in 1998. On April 22, 2004, the U.S. EPA declared the San Francisco Bay Area as attainment for the national one-hour ozone standard. It will not officially be reclassified until the BAAQMD submits a plan for demonstrating how the area will maintain the standard for the next ten years. However, in June 2004 the Bay Area was designated as a marginal nonattainment area for the newly adopted national 8-hour ozone standard.

In 1998, U.S. EPA redesignated a subregion of the Bay Area, referred to as the urbanized area, from nonattainment to attainment for the national carbon monoxide standard (U.S. EPA, 1998a). At the same time, U.S. EPA approved a "maintenance" plan, which shows how the subregion will continue to maintain the standard now that it has been achieved. Thus, the subregion is now known as a "maintenance area" for the national carbon monoxide standard. Once an area is designated as a maintenance area that status lasts for 20 years.

The Bay Area is in attainment of the national annual average PM-10 standard and is unclassified for the national 24-hour PM-10 standard. With regard to the newly adopted national PM-2.5 standards, the Bay Area is unclassified for both the annual average and 24-hour average standards. It should be noted the new national PM-2.5 standards are being implemented in the Bay Area.

**TABLE 2-1
STATE AND NATIONAL CRITERIA AIR POLLUTANT STANDARDS,
EFFECTS, AND SOURCES**

Pollutant	Averaging Time	State Standard	National Standard	Pollutant Health and Atmospheric Effects	Major Pollutant Sources
Ozone	1 hour 8 hours	0.09 ppm ---	0.12 ppm 0.08 ppm	High concentrations can directly affect lungs, causing irritation. Long-term exposure may cause damage to lung tissue.	Formed when volatile organic compounds (VOC) and nitrogen oxides (NO _x) react in the presence of sunlight. Major sources include on-road motor vehicles, solvent evaporation, and commercial / industrial mobile equipment.
Carbon Monoxide	1 hour 8 hours	20 ppm 9.0 ppm	35 ppm 9 ppm	Classified as a chemical asphyxiant, carbon monoxide interferes with the transfer of fresh oxygen to the blood and deprives sensitive tissues of oxygen.	Internal combustion engines, primarily gasoline-powered motor vehicles.
Nitrogen Dioxide	1 hour Annual Avg.	0.25 ppm ---	--- 0.053 ppm	Irritating to eyes and respiratory tract. Colors atmosphere reddish-brown.	Motor vehicles, petroleum refining operations, industrial sources, aircraft, ships, and railroads.
Sulfur Dioxide	1 hour 3 hours 24 hours Annual Avg.	0.25 ppm --- 0.04 ppm ---	--- 0.5 ppm 0.14 ppm 0.03 ppm	Irritates upper respiratory tract; injurious to lung tissue. Can yellow the leaves of plants, destructive to marble, iron, and steel. Limits visibility and reduces sunlight.	Fuel combustion, chemical plants, sulfur recovery plants, and metal processing.
Respirable Particulate Matter (PM-10)	24 hours Annual Avg.	50 µg/m ³ 20 µg/m ³	150 µg/m ³ 50 µg/m ³	May irritate eyes and respiratory tract. Decreases in lung capacity. Increased cancer and mortality. Produces haze and limits visibility.	Dust and fume-producing industrial and agricultural operations, combustion, atmospheric photochemical reactions, and natural activities (e.g. wind-raised dust and ocean sprays).
Fine Particulate Matter (PM-2.5)	24 hours Annual Avg.	--- 12 µg/m ³	65 µg/m ³ 15 µg/m ³	Increases respiratory disease, lung damage, cancer, and premature death. Reduces visibility and results in surface soiling.	Fuel combustion in motor vehicles, equipment, and industrial sources; residential and agricultural burning; Also, formed from photochemical reactions of other pollutants, including NO _x , sulfur oxides, and organics.
Lead	Monthly Quarterly	1.5 µg/m ³	--- 1.5 µg/m ³	Disturbs gastrointestinal system, and causes anemia, kidney disease, and neuromuscular and neurologic dysfunction.	Present source: lead smelters, battery manufacturing & recycling facilities. Past source: combustion of leaded gasoline.

Source: California Air Resources Board

Note: ppm = parts per million; µg/m³ = micrograms per cubic meter.

2.1.1.2 State Standards

The Bay Area is currently designated as nonattainment for state standards for ozone, PM-2.5 and PM-10 and is attainment or unclassified for the other state standards (CARB, 1999). As with national PM 2.5 standards, the new State PM-2.5 standards are being implemented in the Bay Area.

2.1.2 Air Quality Plans

The federal Clean Air Act requires nonattainment and maintenance areas to prepare air quality plans that include strategies for attaining and maintaining the national standards. The state California Clean Air Act also requires plans for nonattainment areas (not including state PM-10 nonattainment areas); however, these state-mandated plans include strategies to attain the state standards, rather than the national standards. Thus, just as areas in California have two sets of designations, many – including the Bay Area - also have two sets of air quality plans: one to meet federal requirements relative to the national standards and another to meet state requirements relative to the state standards.

Regional air quality plans developed under the federal Clean Air Act are included in an overall program referred to as State Implementation Plans (SIPs). Plans have been prepared for the Bay Area to address nonattainment and maintenance issues related to the national (one-hour) ozone standard and the national carbon monoxide standard.

The current Bay Area ozone SIP is the *Ozone Maintenance Plan* (Association of Bay Area Governments, 1994a). The *Ozone Maintenance Plan* was developed in anticipation of U.S. EPA's redesignation of the Bay Area from nonattainment to attainment for the national ozone standard. U.S. EPA approved the redesignation request and *Ozone Maintenance Plan* in 1995. However, U.S. EPA required the development of a new plan in 1998 when it redesignated the Bay Area back to nonattainment. A new Bay Area ozone SIP, the *Ozone Attainment Plan* (Association of Bay Area Governments, 1999), was prepared to replace the current Bay Area ozone SIP (i.e., the *Ozone Maintenance Plan*). Because of partial disapproval of this 1999 Plan, it was updated in September 2001 as the San Francisco Bay Area 2001 Ozone Attainment Plan.

The Bay Area 2001 Ozone Attainment Plan included two components for further planning: (1) a commitment to conduct a mid-course review of progress toward attaining the national 1-hour standard by December 2003, and (2) a commitment to provide a revised ozone attainment strategy to U.S. EPA by April 2004. In April 2004, U.S. EPA made a final finding that the Bay Area has attained the national standard. Because of this finding, the previous planning commitments in the 2001 Ozone Attainment Plan are no longer required. The finding of attainment does not mean the Bay Area has been reclassified as an attainment area for the 1-hour standard. The region must submit a redesignation request to U.S. EPA in order to be reclassified as an attainment area. Therefore, the portion of the 2004 Ozone Strategy addressing national ozone planning requirements will include: (1) a redesignation request, and (2) a maintenance plan to show the region will continue to meet the 1-hour standard.

These federally-mandated ozone plans identify strategies to attain and maintain the national ozone standard. Strategies include stationary-source control programs, area-source control programs (e.g., consumer product emissions standards), mobile source control programs, and Transportation Control Measures (TCMs). In general, TCMs are any strategy to reduce vehicle trips, vehicle use, vehicle miles traveled, vehicle idling, or traffic congestion for the purpose of reducing motor vehicle emissions. For new or modified highway projects, potentially relevant TCMs include a Regional High Occupancy Vehicle (HOV) System Plan, Regional Transit Coordination, and Incident Management on Bay Area Freeways. None of these TCMs apply specifically to the Doyle Drive Replacement Project. Nonetheless, all of the project alternatives (except the No-Build Alternative) share an element, i.e., changeable or variable message signs, that would contribute to regional efforts to improve incident management on Bay Area freeways, and all of the project alternatives (except the No-Build Alternative) would share an element, i.e., a new multi-modal transit center, that would provide an opportunity to improve regional transit coordination.

The *Carbon Monoxide Maintenance Plan* (Association of Bay Area Governments, 1994b) was developed to ensure continued attainment of the national carbon monoxide standard in the Bay Area. The Bay Area carbon monoxide SIP relies heavily on mobile source control programs, including vehicle emissions standards, the oxygenated/reformulated fuel program, and the motor vehicle inspection and maintenance program (also known as the smog check program). The *Carbon Monoxide Maintenance Plan* establishes an emissions budget for the region. Similar to VOC emissions, the projected emissions of carbon monoxide would be reduced by over 30 percent between 2000 and 2006.

2.1.3 Regulatory Agencies

U.S. EPA is responsible for implementing the myriad programs established under the federal Clean Air Act, such as establishing and reviewing the national ambient air quality standards and judging the adequacy of SIPs, but has delegated the authority to implement many of the federal programs to the states while retaining an oversight role to ensure that the programs continue to be implemented. U.S. EPA also has developed criteria and procedures for determining the conformity of federal actions to the applicable SIPs.

For the purposes of determining conformity with a SIP, the federal Clean Air Act (and the related U.S. EPA regulations) distinguish between transportation-related plans, programs, and projects that are funded, approved, or sanctioned by the Federal Highway Administration (FHWA) or the Federal Transit Administration (FTA) under Title 23 of the United States Code (USC) and all other federally funded, approved, or sanctioned plans, programs, and projects. Different criteria and procedures (for determining conformity) have been established for these two broad categories of actions; the first is referred to as "Transportation Conformity" and the latter is referred to as "General Conformity." Since this project would be funded (at least, in part) and approved by FHWA, the transportation conformity regulation, referred to as the Transportation Conformity Rule, would apply. A version of U.S. EPA's Transportation Conformity Rule has been incorporated into the Bay Area portion of the California SIP (Metropolitan Transportation Commission, 1998a).

For a transportation project, such as the Doyle Drive Project, to satisfy transportation conformity requirements, it must not interfere with the implementation of any TCMs in the applicable SIP, must demonstrate through a "hot spot" analysis that it would not cause or contribute to new violations of the carbon monoxide standard, and must be consistent with the motor vehicle emissions budgets in the applicable SIP. In addition, there must be a currently conforming transportation plan and transportation improvement program in effect at the time of project approval. The Doyle Drive Project meets all of these requirements, and its design concept and scope are consistent with the assumptions used in the regional conformity analysis.

For the Bay Area, the Regional Transportation Plan (RTP) and Regional Transportation Improvement Program (TIP) are the subjects of a conformity analysis, which is the determination whether transportation activities will not produce new air quality violations or delay timely attainment of national ambient air quality standards. The Metropolitan Transportation Commission (MTC) prepares and adopts the TIP every two years, and the 2003 TIP was adopted in January 2003. The Doyle Drive Project is included in the 2003 TIP, and it has been determined that the Project conforms to the state air quality implementation plan.

CARB, the State's air quality management agency, is responsible for establishing and reviewing the state ambient air quality standards, compiling the California SIP and securing approval of that plan from U.S. EPA. CARB also oversees the activities of air quality management districts, which are organized at the county or regional level. As a general matter, U.S. EPA and CARB regulate emissions from mobile sources, and the air districts regulate emissions from stationary sources associated with industrial and commercial facilities. Generally, U.S. EPA and the CARB do not regulate mobile sources of air pollutants through individual permits but rather through emissions standards enforced on engine and vehicle manufacturers, through fuel specifications, and through vehicle inspection and maintenance programs.

In the Bay Area, the Bay Area Air Quality Management District (BAAQMD) is the regional agency empowered to regulate air pollutant emissions from stationary sources. BAAQMD regulates air quality

through its permit authority over most types of stationary emission sources and through its planning and review activities. BAAQMD's permit authority, however, does not extend to on-road motor vehicles, such as automobiles and trucks. BAAQMD also does not require permits for ventilation shafts associated with tunnels used for transportation purposes.

The National Park Service (NPS) and the Presidio Trust have a desire to provide additional emphasis on air quality. While there are no existing national or state air quality standards that are specific to the Presidio or national parks, the following presents existing NPS policies set forth in its Director's Orders and Executive Orders which promote cleaner air quality:

- *Director's Order 13A - Environmental Management Systems:* . . . NPS stewardship is defined by the resource protection ethic of employing the most effective concepts, techniques, equipment, and technology to prevent, avoid, or mitigate impacts that would compromise the integrity of park resources. It requires that park managers demonstrate environmental leadership by implementing sustainable practices in all aspects of management, and the active communication of these practices-along with their purposes and values-to park employees, visitors, partners, and stakeholders.
- *Executive Order No 13031 – Federal Alternative Fueled Vehicle Leadership:* Section 1. Federal Leadership and Goals. (a) The purpose of this order is to ensure that the Federal Government exercise leadership in the use of alternative fueled vehicles (AFVs) . . . (b) To the extent practicable, agencies shall use alternative fuels in all vehicles capable of using them. . .
- *Executive Order No. 13123 - Greening the Government through Efficient Energy Management:* Section 101. Federal Leadership. . . . As a major consumer that spends \$200 billion annually on products and services, the Federal Government can promote energy efficiency, water conservation, and the use of renewable energy products, and help foster markets for emerging technologies. . .
- *Executive Order No. 13148 - Greening the Government through Leadership in Environmental Management:* Section 101. Federal Environmental Leadership. The head of each Federal agency is responsible for ensuring that all necessary actions are taken to integrate environmental accountability into agency day-to-day decision making and long-term planning processes, across all agency missions, activities, and functions. Consequently, environmental management considerations must be a fundamental and integral component of Federal Government policies, operations, planning, and management. . .
- *Executive Order No. 13149 - Greening the Government through Federal Fleet and Transport Efficiency:* Section 101. Federal Leadership. The purpose of this order is to ensure that the Federal Government exercises leadership in the reduction of petroleum consumption through improvements in fleet fuel efficiency and the use of alternative fuel vehicles (AFVs) and alternative fuels. . .

2.2 METHODOLOGY

2.2.1 Construction Phase

The construction-related air quality impact analysis follows the methodology recommended by BAAQMD in their CEQA Guidelines. The Guidelines recommend a qualitative approach to evaluating construction-phase impacts with the emphasis placed on identifying and implementing an adequate dust abatement program rather than on quantification of related emissions or ambient air concentrations. BAAQMD provides a recommended list of measures to minimize emissions during construction activities, and the air quality analysis relies on the list to develop measures appropriate for this project.

2.2.2 Operational Phase

The air quality impact analysis for operations addresses changes in regional emissions and changes in local air pollutant concentrations of CO. With respect to regional emissions, the San Francisco Bay Area is a nonattainment area for the state and national ozone standard and a nonattainment area for the state PM-10 standard. However, future emissions from the Doyle Drive Project have already been incorporated by MTC into the 2003 TIP, and the Project is in conformity. Consequently, regional emissions from the Doyle Drive Project will not contribute to exceedances of the national ozone standard.

With regard to local impacts of CO, a “hot spot” analysis was conducted to determine if the Project would cause or contribute to any localized CO violations near key intersections. The analysis utilizes the Project-Level Protocol developed jointly by Caltrans and the Institute of Transportation Studies, University of California at Davis and approved by the U.S. EPA for use in the Bay Area. A top-down approach was followed, in which the intersection with the worst-case traffic levels and congestion was first analyzed. If, from the worst-case analysis, it is determined that CO concentrations do not exceed the ambient air standards, then it can be assumed that other intersections affected by the project, but with lower traffic counts and less congestion would also result in worst-case concentrations that are well below the standards and would not have to be analyzed.

An analysis was conducted for the tunnel portals, similar to the approach taken by Caltrans for the Devil's Slide Project, in which maximum concentrations of CO in the tunnel ventilation system were considered to determine impacts. These maximum concentrations exiting the portals were modeled using the EPA dispersion model SCREEN3 to estimate downwind concentrations. The SCREEN3 model uses the same algorithms for characterizing dispersion as the EPA model ISC3, except that hypothetical worst-case meteorology is assumed in the calculations.

SECTION 3: REGIONAL AND SAN FRANCISCO AIR QUALITY CONDITIONS

The project area lies within the City and County of San Francisco, which lies at the northern end of the peninsula climatological sub-region of the San Francisco Bay Area Air Basin (Bay Area). The peninsula climatological sub-region extends from northwest of San Jose to the Golden Gate. The Santa Cruz Mountains extend through the center of the peninsula, with elevations exceeding 610 meters (2,000 feet) at the southern end, decreasing to 150 meters (500 feet) in South San Francisco. Because most of San Francisco's topography is below 61 meters (200 feet), marine air is able to flow easily across most of the city, making its climate cool and windy. Pollutant emissions in San Francisco are high, especially from motor vehicle congestion. Localized pollutants, such as carbon monoxide, can build up in "urban canyons;" however, winds are generally strong enough to carry the pollutants away before they can accumulate (BAAQMD, 1999). Within San Francisco, winds are generally from the west, although wind patterns are often influenced greatly by local topographic features. In spring and summer, the Presidio can experience strong prevailing winds that blow out of the west/northwest through the Golden Gate, usually in the afternoon and in excess of 31 kilometers per hour (19 miles per hour) (U.S. Department of the Interior, 1994).

BAAQMD operates a regional air quality monitoring network that provides information on ambient concentrations of criteria air pollutants, including ozone, CO, and PM-10, which are the three pollutants of most concern in the Bay Area. Monitored ambient air pollutant concentrations reflect the number and strength of emissions sources and the influence of topographical and meteorological factors. The nearest ambient air monitoring station to the project site is the Arkansas Street monitoring station in San Francisco. Table 3-1 is a summary of monitoring data collected at this monitoring station over the past four years for those pollutants for which the Bay Area is, or has been, designated nonattainment in the past few years.

3.1 OZONE

Some criteria pollutants are considered regional in nature, some are considered local, and some have characteristics that are both regional and local. Ozone is not emitted directly into the atmosphere, but is a secondary air pollutant produced in the atmosphere through a complex series of photochemical reactions involving volatile organic compounds (VOC) and nitrogen oxides (NO_x). VOC and NO_x, which are emitted directly to the atmosphere, are known as precursor compounds for ozone. Substantial ozone production generally requires the presence of ozone precursor compounds for approximately 3 hours in a stable atmosphere with strong sunlight. Ozone is a regional air pollutant because its precursors are transported and diffused by wind concurrently with ozone production.

As shown in Table-3-1, the local monitor has not recorded exceedances of the state ozone standard over the past four years. Coastal monitoring stations, such as those in San Francisco, Oakland, and San Rafael, generally record the fewest violations while inland valley stations, such as those in Livermore, Concord, and Gilroy, record the most violations. However, emissions of ozone precursors generated within San Francisco can contribute incrementally to exceedances in downwind areas within the region.

Ambient carbon monoxide concentrations normally are considered a local effect and typically correspond closely to the spatial and temporal distributions of vehicular traffic. Carbon monoxide concentrations also are influenced by wind speed and atmospheric mixing. Under inversion conditions, carbon monoxide concentrations may be distributed more uniformly over an area out to some distance from vehicular sources. Table 3-1 shows that no exceedances of carbon monoxide standards have been recorded over the past four years. Carbon monoxide emissions are expected to decrease by approximately 33 percent from 2000 to 2010 (BAAQMD, 1999) and thus background carbon monoxide concentrations are expected to continue to be less than the corresponding standards for the foreseeable future.

**TABLE 3-1
SUMMARY OF MONITORING DATA FOR SAN FRANCISCO
(ARKANSAS STREET MONITORING STATION), 2000–2003**

Pollutant	State Standard	National Standard	Pollutant Concentration Year			
			2000	2001	2002	2003
Ozone						
Highest 1-hour average, ppm ^a	0.09	0.12	0.06	0.08	0.05	0.08
Days over State Standard			0	0	0	0
Days over National Standard			0	0	0	0
Highest 8-hour average, ppm	NA	0.08	0.04	0.05	0.05	0.06
Days over National Standard			0	0	0	0
Carbon Monoxide						
Highest 8-hour average, ppm	9.0	9	3.2	3.3	2.6	2.8
Days over Standard			0	0	0	0
Respirable Particulate Matter (PM-10)						
Highest 24-hour average, µg/m ³ ^a	50	150	63	70	74	52
Number of samples ^b			61	61	61	61
Days over State Standard			2	8	4	1
Days over National Standard			0	0	0	0
Annual average, µg/m ³	30	50	22	26	25	22
Fine Particulate Matter (PM-2.5)						
Highest 24-hour average, µg/m ³	-	65		77	70	42
Days over National Standard				2	4	0
Annual Average, µg/m ³	12	15		12	13	10

Source: California Air Resources Board, *Summary of Air Quality Data, Gaseous and Particulate Pollutants, 2000–2003*.

Notes: **Bold** values are in excess of applicable standard. NA = Not Applicable or Not Available.

^a ppm = parts per million; µg/m³ = micrograms per cubic meter.

^b PM-10 is not measured every day of the year. The number of samples refers to the number of days in a given year during which PM-10 was measured at Arkansas Street monitoring station.

3.2 PARTICULATE MATTER (PM-10 AND PM-2.5)

Respirable particulate matter (PM-10) and fine particulate matter (PM-2.5) consist of particulates 10 microns (a micron is one one-millionth of a meter) or less in diameter and 2.5 microns or less in diameter, respectively. PM-2.5 can be inhaled deeply into the lungs and cause adverse health effects. Particulate matter in the atmosphere result from many kinds of dust- and fume-producing industrial and agricultural operations, combustion, and atmospheric photochemical reactions. Some of these operations, such as demolition and construction activities, primarily contribute to increases in local particulate concentrations, while others, such as vehicular traffic, affect regional particulate matter concentrations.

The station nearest the project site (Arkansas Street) monitors PM-10, and ambient air concentrations from 2000-2003 are reported in Table 3-1. The data show that there were no exceedances of the Federal PM-10 standard, and approximately 5 percent of the time, the more stringent state standard is exceeded. The Arkansas Street station is in an urban setting, and is between two freeways (U.S. 101 and I-280). These measured levels are consistent to the regional monitoring network which is representative of urban areas. There are no monitors in the Presidio area, but levels in the project area would be lower than the Arkansas Street location, because it is not downwind of major sources of pollution. A monitoring network for PM-2.5 in the Bay Area was established in late 2000, and data are reported in Table 3-1 for 2001-2003.

The trend in regional PM-10 concentrations is difficult to predict because the concentrations reflect both primary sources of PM-10 (e.g., dust entrainment from roads and PM-10 directly emitted from combustion sources) as well as secondary sources of PM-10 and of PM-2.5, i.e., primary sources of VOC, NO_x, and sulfur oxides, which are precursors to particulate matter. Primary PM-10 emissions in the Bay Area are expected to increase by approximately 11 percent between 2000 and 2010 (BAAQMD, 1999), but the SIP for ozone indicates that some of the secondary emissions of PM-10 and PM-2.5 (such as VOC and NO_x) are expected to decline over that same period, thus reducing the formation of secondary aerosols.

SECTION 4: SENSITIVE RECEPTORS

Under the Clean Air Act, ambient air quality must meet the standards for criteria pollutants in all locations generally accessible to the public sector; however, some land uses are considered more sensitive than others to air pollution. Schools, parks, hospitals and convalescent homes are considered to be relatively sensitive to poor air quality because children, elderly people or the infirm may frequent these areas and are more susceptible to respiratory infections and other air quality-related health problems than the general public. Residential areas are sensitive to poor air quality because people usually stay home for extended periods of time.

4.1 DOYLE DRIVE CORRIDOR

Sensitive receptors within the Doyle Drive corridor include the open spaces of the Presidio which extends along the length of the corridor, as well as residential areas along and in the vicinity of Armistead Road (northwest of the junction of Highway 1 and Doyle Drive); Storey Avenue (north of Ruckman Avenue), Riley Avenue, General Kennedy Avenue, and Girard Road. In some cases, these residential areas are in active use. Other residential areas appear to be vacant but are designated as residential and are not slated for removal under the *Presidio's General Management Plan Amendment* (GMPA) and thus are presumed to be available for residential purposes in the future. An additional sensitive use within the Doyle Drive corridor is the recreation area known as Crissy Field. In addition, while the residential uses along Sibert Loop (west of Arguello Boulevard) and Sumner Street (west of Presidio Boulevard) are not strictly located within the Doyle Drive corridor, they could experience changes in air quality due to the redistribution of traffic within the Presidio that would be caused by providing access within the Presidio to Doyle Drive (e.g., with an extension of Girard Road).

4.2 PARK PRESIDIO BOULEVARD (HIGHWAY 1) CORRIDOR

Sensitive receptors within the Park Presidio Boulevard (Highway 1) corridor include the Ruckman Avenue residential area, a residential area along Hitchcock Street (immediately west of Highway 1), a residential area along Amatury Loop (east of Park Boulevard), and a residential area along Wyman Avenue (near the southern boundary of the Presidio).

4.3 EAST OF THE PRESIDIO

Sensitive receptors east of the Presidio include the residences immediately east of the Palace of Fine Arts and along the south side of Marina Boulevard, along the east side of Lyon Street north of Lombard, and along both sides of Richardson Avenue.

4.4 SOUTH OF THE PRESIDIO

Sensitive receptors south of the Presidio include the residences along both sides of California Street, the residences along the east side of Funston Avenue, and West of 14th Avenue. (South of the Presidio, Highway 1 extends through the middle of a one-block-wide open space corridor.) In addition, some residential uses are located on the upper stories of certain buildings along Geary Boulevard. Also, residences are located along Arguello Boulevard and Presidio Avenue, which are two roads that could experience changes in roadside air quality due to redistributed traffic volumes.

SECTION 5: IMPACTS AND MITIGATION MEASURES

The analysis and evaluation of the impacts of the proposed project are based on the traffic study that was prepared for the project alternatives. In that study, an extensive analysis was carried out to determine the change in traffic operations and transportation circulation for the various alternatives in the year 2030.

5.1 SIGNIFICANCE THRESHOLDS

A transportation project would have a significant effect on air quality under CEQA if it would:

- conflict with or obstruct implementation of the applicable air quality plan;
- violate any air quality standard or contribute substantially to an existing or projected air quality violation;
- expose sensitive receptors to substantial pollutant concentrations; or
- create objectionable odors affecting a substantial number of people.

5.2 CONSTRUCTION IMPACTS

Review of the detour plans indicate that the construction period for the Doyle Drive Project would be approximately four to five years for all build alternatives. During this time, a series of construction phases would occur. All build alternatives would involve standard construction techniques and require large-scale construction equipment and labor intensive activities. General site activities would include:

- site preparation and mobilization of equipment to the staging areas;
- clearing and grubbing, utility relocation, grading and dewatering;
- excavation, foundation construction, and pile installation;
- roadway construction, placement of reinforced concrete and precast concrete, installation of steelwork, and landscaping; and
- removal of existing facilities and demobilization.

Equipment would include drill rigs, pile and pneumatic hammers, backhoes, sheet piling, cranes, bentonite mixing and processing, and on-site concrete batching plant, concrete trucks, and delivery trucks.

Construction activities associated with the project would generate emissions of criteria pollutants over the construction duration (including suspended and inhalable particulate matter and equipment exhaust emissions), and disruption of traffic routes. While construction related emissions would be limited to the construction period, it could still cause adverse effects on the local air quality during this duration. If not mitigated, this could result in a temporary significant impact under CEQA.

Dust emissions from construction would vary from day to day, depending on the level and type of activity, silt content of the soil, and the weather. In the absence of mitigation, construction activities could result in substantial quantities of dust, and as a result, local visibility and PM-10 concentrations could be adversely affected on a temporary and intermittent basis during the construction period. In addition, the fugitive dust generated by construction would include not only PM-10, but also larger particles, which would fall out of the atmosphere within several hundred feet of the site and could result in nuisance-type impacts.

BAAQMD's approach to analyses of construction impacts is to emphasize implementation of effective and comprehensive control measures rather than detailed quantification of emissions. BAAQMD considers any project's construction related impacts to be less than significant if the required dust-control measures are

implemented. Without these measures, the impact could be significant, particularly if sensitive land uses are located in the project vicinity.

Construction activities would also result in the emission of other criteria pollutants from equipment exhaust, construction-related vehicular activity and construction worker automobile trips. Emission levels for construction activities would vary depending on the number and type of equipment, duration of use, operation schedules, and the number of construction workers. Although these emissions, in combination with other existing sources, would contribute to local air quality degradation in the area, the impact would be minor and temporary and would therefore be less than significant.

During construction, the construction contractor would be required to implement BAAQMD's basic dust control procedures, to maintain project construction-related impacts at acceptable levels; this would mitigate the potential impact to less than significant. These mitigation measures are identified in the BAAQMD CEQA Guidelines (BAAQMD, 1999), and they are based on many field studies reported by U.S. EPA and CARB in the past 15 years. Elements of the dust abatement program for this project could include, but may not be limited to the following:

- Water all active construction areas at least twice daily. Watering could be sufficient to prevent airborne dust from leaving the site. Increased watering frequency may be necessary whenever wind speeds exceed 24 kilometers per hour (15 miles per hour). Reclaimed water should be used whenever possible.
- Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least 0.6 meter (two feet) of freeboard (i.e., the minimum required space between the top of the load and the top of the trailer).
- Pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas and staging areas at construction sites.
- Sweep streets (with water sweepers using reclaimed water if possible) at the end of each day if visible soil material is carried onto adjacent paved roads.

Construction activities would also result in emissions of other criteria pollutants and toxic air contaminants from equipment exhaust, construction-related vehicular activity, and construction worker automobile trips. Exhaust emissions from construction engines would vary depending on the number and type of equipment, duration of use, and number of construction workers. Criteria pollutant emissions of VOC and NO_x from these sources would incrementally add to the regional atmospheric loading of ozone precursors during project construction. BAAQMD CEQA Guidelines recognize that construction equipment emit ozone precursors, but indicate that such emissions are included in the emission inventory that is the basis for regional air quality plans. Therefore, construction emissions are not expected to impede attainment or maintenance of ozone standards in the Bay Area (BAAQMD, 1999).

It should be noted that on May 11, 2004, the EPA signed the final rule introducing Tier 4 emission standards, which are to be phased-in over the period of 2008-2015 [69 FR 38957-39273, 29 Jun 2004]. The Tier 4 standards require that emissions of PM and NO_x be further reduced by about 90%. Such emission reductions are to be achieved through the use of control technologies — including advanced exhaust gas aftertreatment—similar to those required by the 2007-2010 standards for highway engines. To enable sulfur-sensitive control technologies in Tier 4 engines—such as catalytic particulate filters and NO_x adsorbers—the EPA mandated reductions in sulfur content in nonroad diesel fuels, as follows:

- 500 ppm effective June 2007 for nonroad (construction), locomotive and marine (NRLM) diesel fuels, and
- 15 ppm (ultra-low sulfur diesel) effective June 2010 for nonroad fuels.

Implementation of this regulation will serve to reduce NO_x, VOC, and toxic PM-10 emissions.

5.3 OPERATIONS IMPACTS

5.3.1 Regional Air Quality

During project operations, changes in traffic in future years (2030) are compared with the future No-Build Alternative in 2030 and with existing baseline conditions (2000) to determine if emissions would change and cause impacts on air quality. Table 5-1 summarizes the peak-hour vehicle miles traveled (VMT) for the various alternatives. The table shows that, although traffic volumes would increase in the buildout year as compared with existing conditions, VMT for the No Build, Replace and Widen and Presidio Parkway Alternatives would be very similar, with minimal change. Differences in VMT are attributable to the minor variations in alternative roadway configurations. Therefore, the air quality impacts for all of the alternatives when compared with the future No-Build alternative are less than significant. Although VMT for future years are greater than existing conditions for all of the alternatives, any emissions changes associated with the increased VMT have already been included in the 2003 TIP, and those emissions conform with the Regional Clean Air Plan. Consequently, the impacts compared to existing conditions are also less than significant.

**TABLE 5-1
ESTIMATED VEHICLE MILES TRAVELLED AT PEAK TIMES**

Scenario	Vehicle Miles Travelled	
	AM Peak	PM Peak
2000 Base	61,500	69,600
2030 No Build	69,500	77,400
2030 Replace and Widen	69,600	78,800
2030 Presidio Parkway Diamond Option	70,400	79,500
2030 Presidio Parkway Circle Option	70,200	79,400

Source: DKS, 2004

5.3.2 Local Air Quality Analysis

In addition to the regional contribution to the total pollution burden, project-related traffic could result in localized “hot spots” or areas with high CO concentrations around stagnation points such as major intersections and heavily traveled and congested highways and roadways. Although the Project is not expected to add more vehicles, the change in routes could cause CO impacts to increase at key receptors.

The intersection and associated linkages that were shown to have the greatest amount of peak traffic is on the main line of Doyle Drive. A microscale “hot spot” screening impact analysis was conducted along this corridor. It was assumed that, if the relatively higher volumes of project-generated traffic at these intersections would not result in adverse impacts, then other nearby intersections would experience similar or less substantial effects. For this analysis, local carbon monoxide concentrations were calculated using the CO Protocol described in the Methodology Section. Since the Bay Area was designated an attainment area for CO on June 1, 1998, the protocol indicates that an analysis by comparison is appropriate. This involves a comparison of the proposed project with similar existing roadways within the region where monitoring has indicated that the standards have not been exceeded.

This analysis relies on the similar methodology used by Caltrans for a study of the I-880 / State Route 260/61 project between Oak Street On-Ramp and Central Avenue in Oakland. In that Caltrans study, a comparison was made to the worst-case traffic conditions on U.S. 101 in Santa Clara County between Story Road and Tully Road. The air quality study for the Doyle Drive project relies on the same comparison U.S. 101 corridor in Santa Clara County. Both the Doyle Drive corridor and the comparison U.S. 101 corridor in Santa Clara

County involve similar meteorology under worst-case conditions, and differences in traffic volumes would proportionately change ambient air CO concentrations. For the U.S. 101 corridor in Santa Clara County, daily traffic volumes were reported under existing conditions to be 224,000 vehicles per day. For the Doyle Drive Project, daily traffic volumes at some of the key links under the project alternatives are reported in Table 5-2. The table shows that the link with the highest traffic volume is U.S. 101 between Merchant Drive Ramps and Park Presidio Boulevard (83,000 vehicles per day). The proposed project would result in traffic volumes much smaller than the comparison location in Santa Clara County. Since this and other comparable locations in the air basin meet air quality standards, the Project would also meet air quality requirements and would therefore have no significant impacts on local air quality or cause exceedances of state or federal CO standards. Therefore, the CO impacts at key intersections would be less than significant.

**TABLE 5-2
ESTIMATED AVERAGE DAILY TRAFFIC AT KEY LOCATIONS**

No.	Location	Direction	2000 (000s)	2030 (000s)			
				1 No Build	2 Replace and Widen	5a Presidio Parkway Diamond	5b Presidio Parkway Circle
1	U.S. 101 From the Merchant Drive Ramps to Park Presidio Blvd	SB	63	79	81	83	83
2	U.S. 101 From Park Presidio Blvd to the Merchant Drive Ramps	NB	60	77	78	80	79
3	U.S. 101 From Park Presidio to the Marina Blvd Access Ramps	SB	53	58	60	60	59
4	U.S. 101 From the Marina Blvd Access Ramps to Park Presidio	NB	46	54	54	55	54
5	Richardson From the Marina Blvd Access Ramps to Lyon St	SB	37	40	41	39	40
6	Richardson From Lyon St to the Marina Blvd Access Ramps	NB	30	37	36	43	41
7	Marina Blvd From the Doyle Drive Merger to Lyon St	EB	16	18	19	18	14
8	Marina Blvd From Lyon St to the Doyle Drive merger	WB	17	19	18	13	10
9	Park Presidio From the U.S. 101 Ramps to the Park Presidio Tunnel (actually to Lake Street)	SB	32	37	38	39	39
10	Park Presidio From (Lake Street) the Park Presidio Tunnel to the U.S. 101 Ramps	NB	35	41	41	40	40
11	U.S. 101 between Park Presidio on and off-ramps	SB	41	50	51	51	51
12	U.S. 101 between Park Presidio off and on-ramps	NB	36	46	46	48	47

Source: DKS, 2004

5.3.3 Park Presidio Alternative Tunnels

The Park Presidio Alternative proposes to use two tunnels with lengths of approximately 270 meters and 1,320 meters (885 and 4,331 feet), respectively. FHWA requires that tunnels be designed to limit CO concentrations to certain levels in order to protect public health (Caltrans, 2000). These requirements are accepted by EPA. CO concentrations are allowed to approach a maximum 15-minute average concentration of 120 ppm or 35 ppm for a one-hour average within a tunnel, provided there are no pedestrians or bicycles allowed; otherwise, the 15-minute average limit is 60 ppm. If the Park Presidio Alternative is selected, ventilation systems that limit concentrations within the tunnel to acceptable levels would be included in final design. Ventilation of a tunnel is based on meeting acceptable levels in tunnels during normal and congested traffic operation. The system must provide air to dilute air pollution in the tunnel. Above a certain threshold of vehicle volumes and vehicle speed, a tunnel will be self-ventilating due to the piston-effect of vehicles for certain tunnel variations. Ventilation fans are needed to provide dilution air during congestion events.

The ventilation system will consist of a series of jet-fans or semi-transverse ventilation fans that are designed to not only limit CO concentrations under heavy traffic conditions, but to also minimize air pollutant concentrations in case of a fire in a tunnel. The capacity of the ventilation system is therefore much greater than the requirement for traffic only, since emissions from a fire could be considerably greater than from high density traffic.

The greatest impacts outside the tunnels would be from emissions at the portals. A modeling analysis of emissions from the tunnel portals was carried out (similar to the analysis conducted for the Caltrans Devil's Slide Study) to estimate maximum downwind concentrations. As stated above, the maximum one-hour CO concentrations exiting the portals would be no greater than 35 ppm. A screening modeling analysis was carried out to determine expected maximum CO concentrations at receptors near the portals if the concentrations at the portals were equal to the maximum allowed one-hour average.

Ambient air concentrations were calculated at downwind receptors using the U.S. EPA dispersion model SCREEN3. Emissions were assumed to occur as a volume source at the tunnel portal. The model run is reported in Appendix B. The model predicts that, assuming the maximum one-hour CO concentration exiting the portal to be 35 ppm, maximum one hour concentrations at downwind locations would be no greater than 11 ppm. This level is well below the state and federal one-hour standards. Thus, the impact would be less than significant.

SECTION 6.0: REFERENCES

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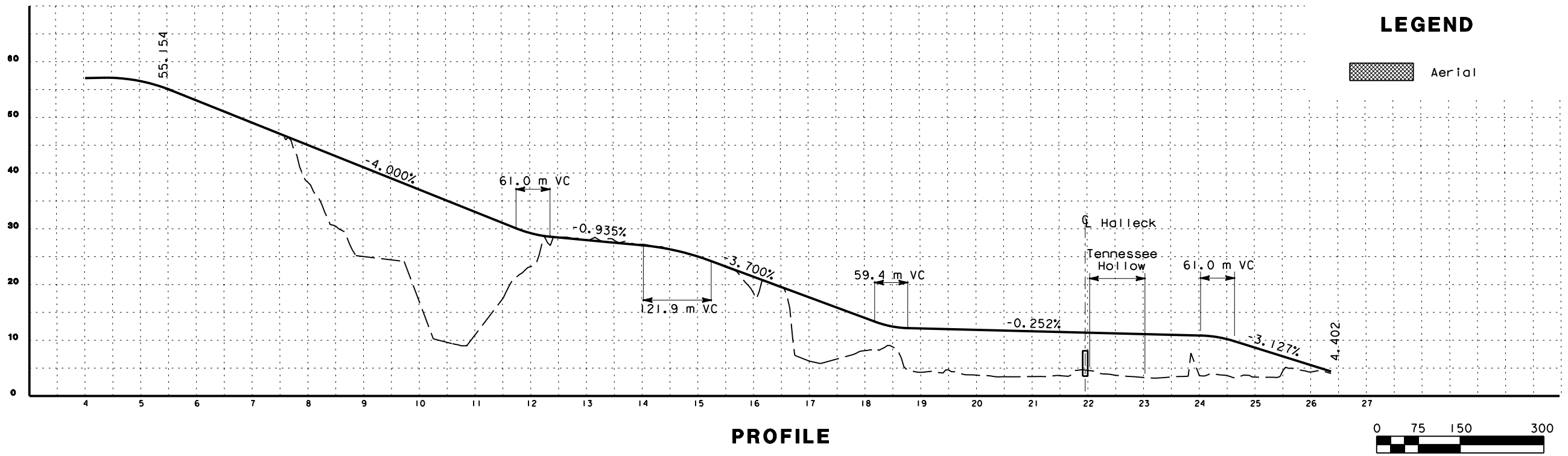
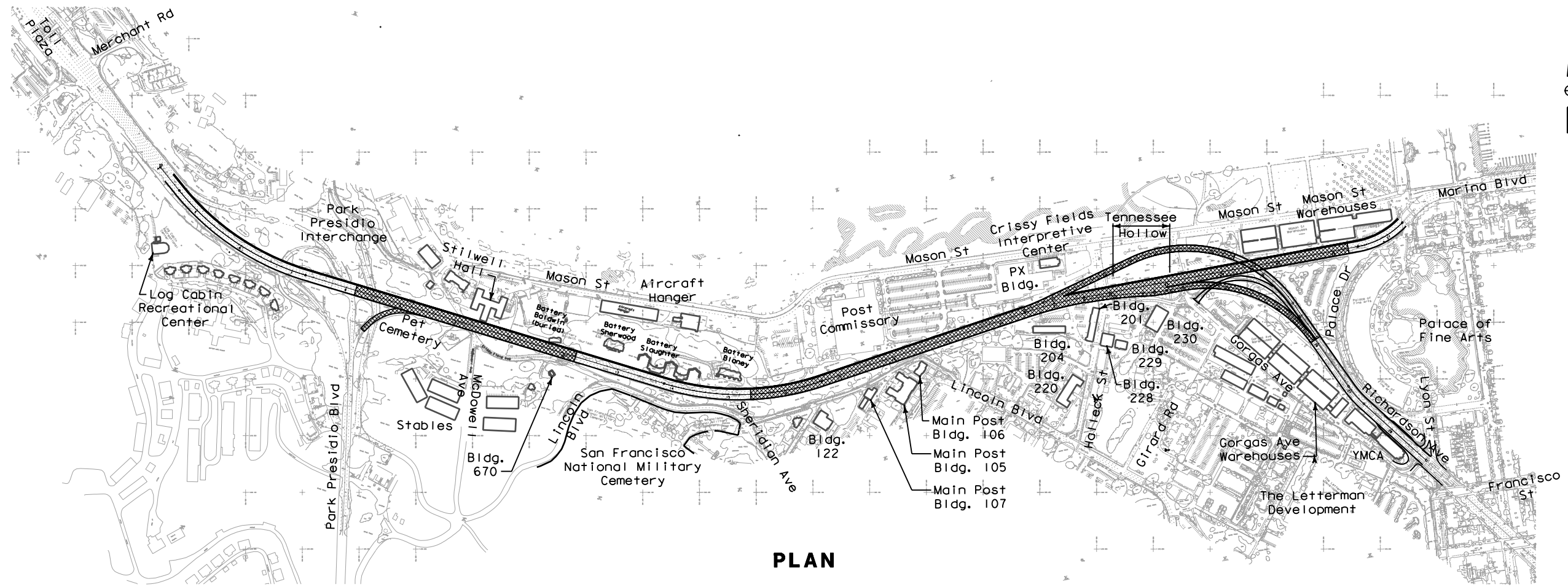
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U.S. Environmental Protection Agency, *Designation of Areas for Air Quality Planning Purposes; State of California; Redesignation of the San Francisco Bay Area to Nonattainment for Ozone, Final Rule, Federal Register*, July 10, 1998b.

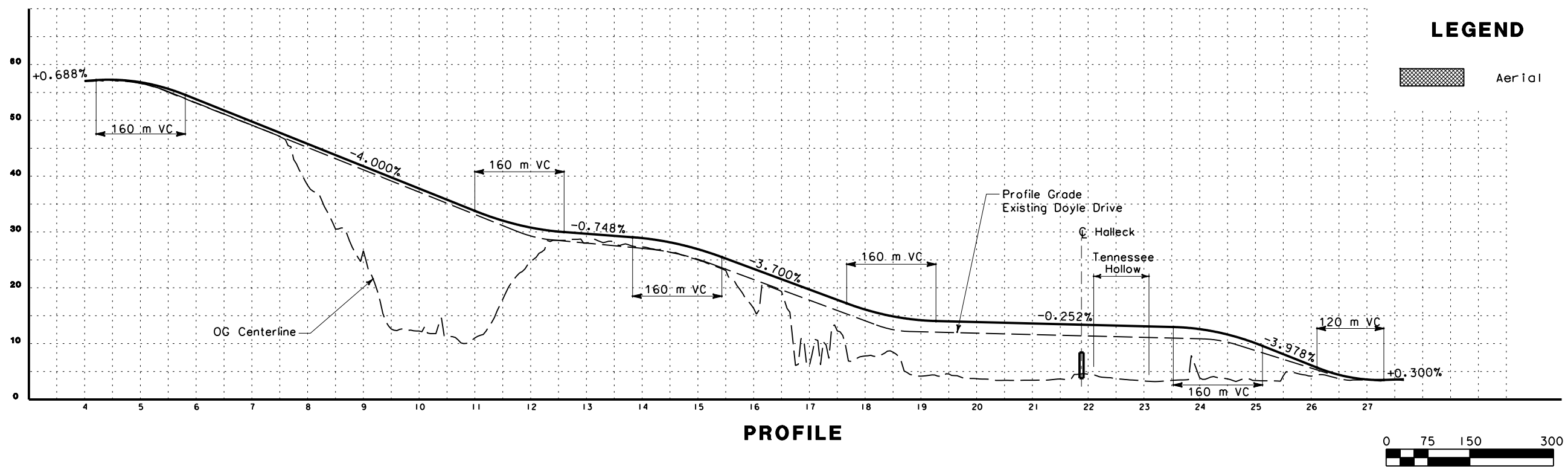
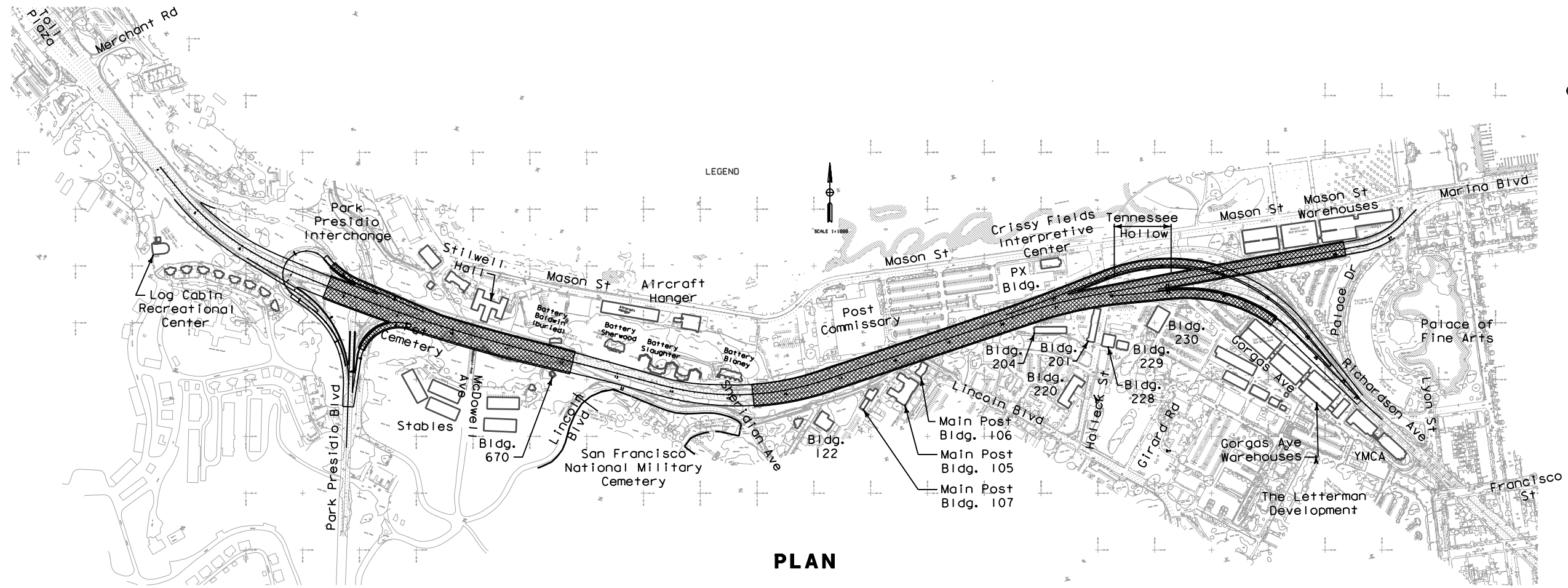
APPENDIX A

**DETAILED ALTERNATIVE AND
DESIGN OPTION DRAWINGS**

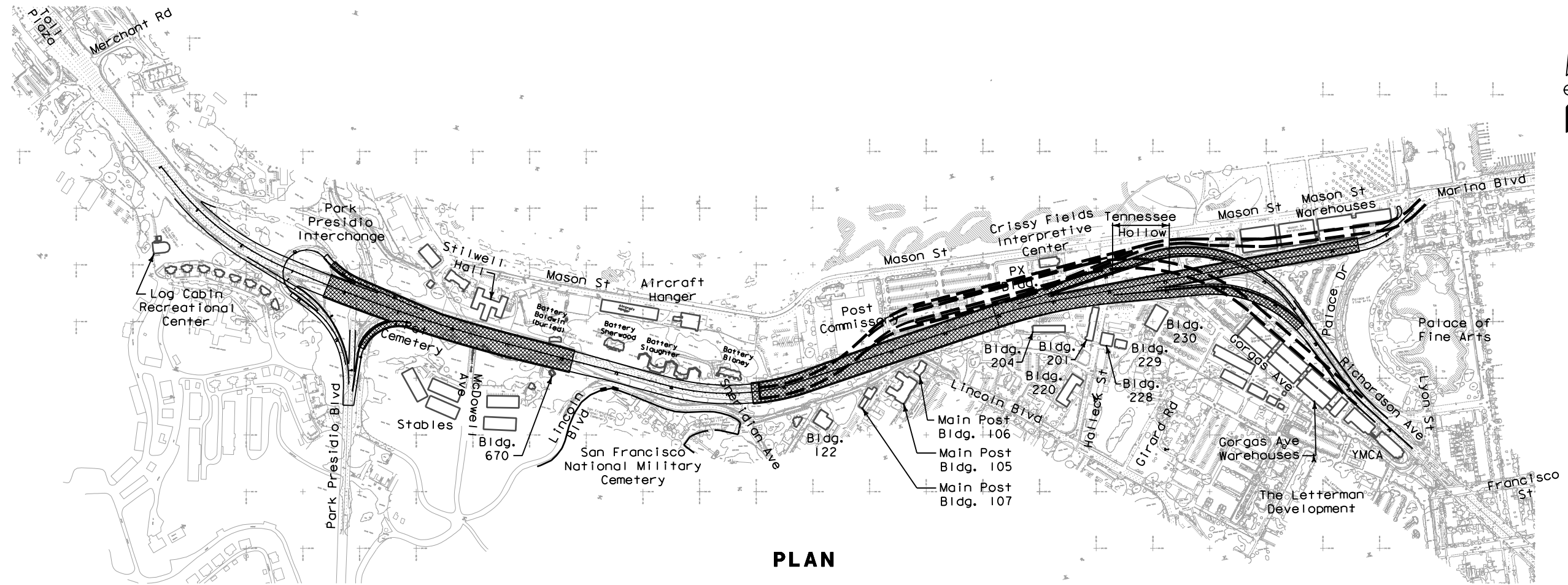
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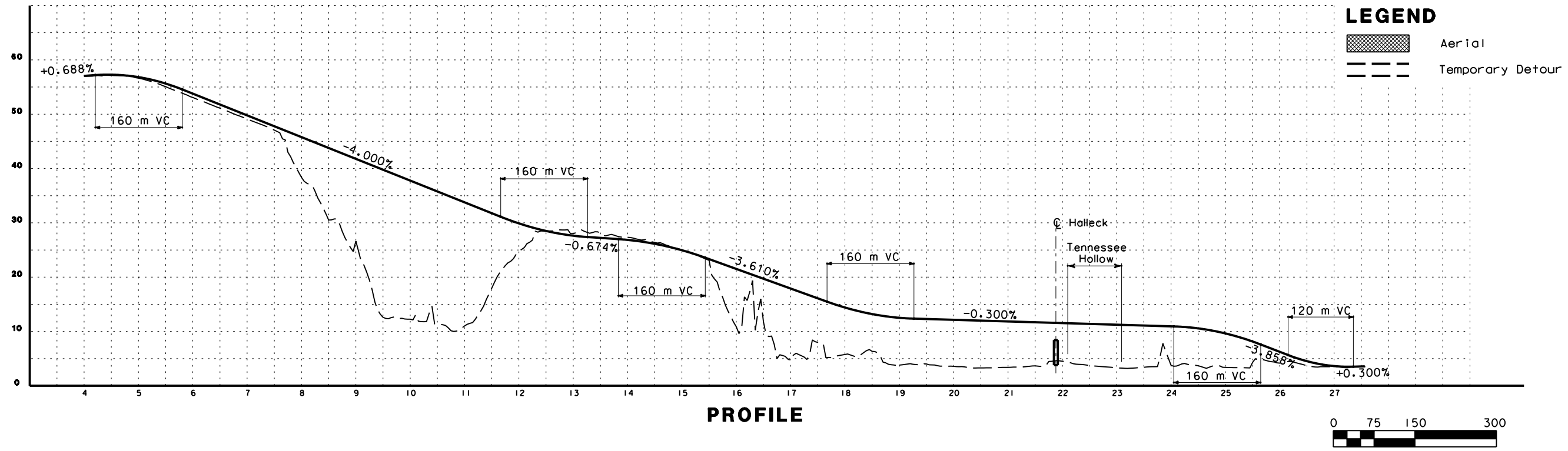
2. Replace and Widen - No Detour



2. Replace and Widen - With Detour



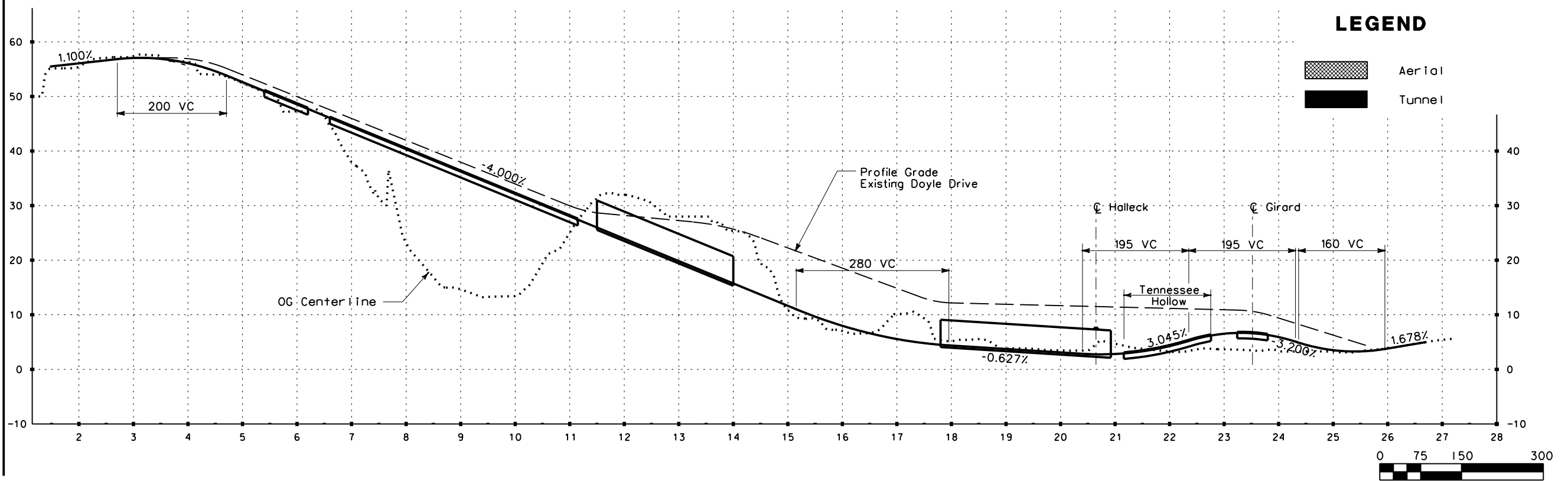
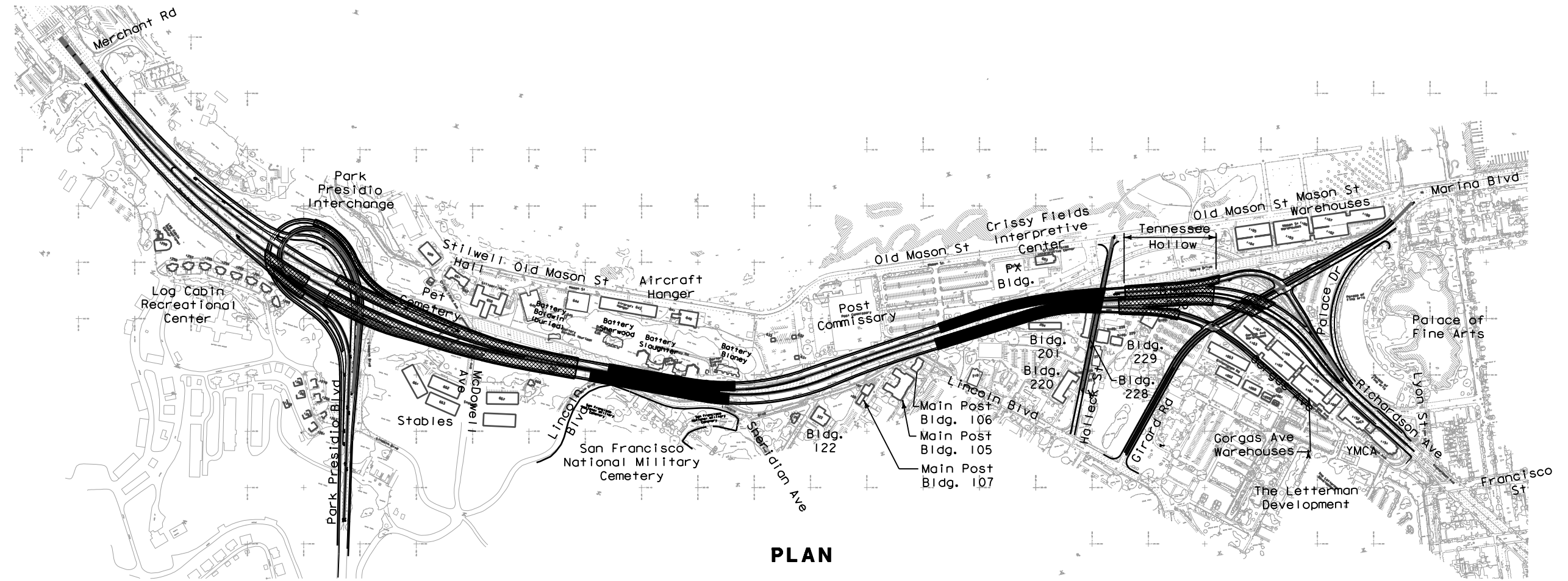
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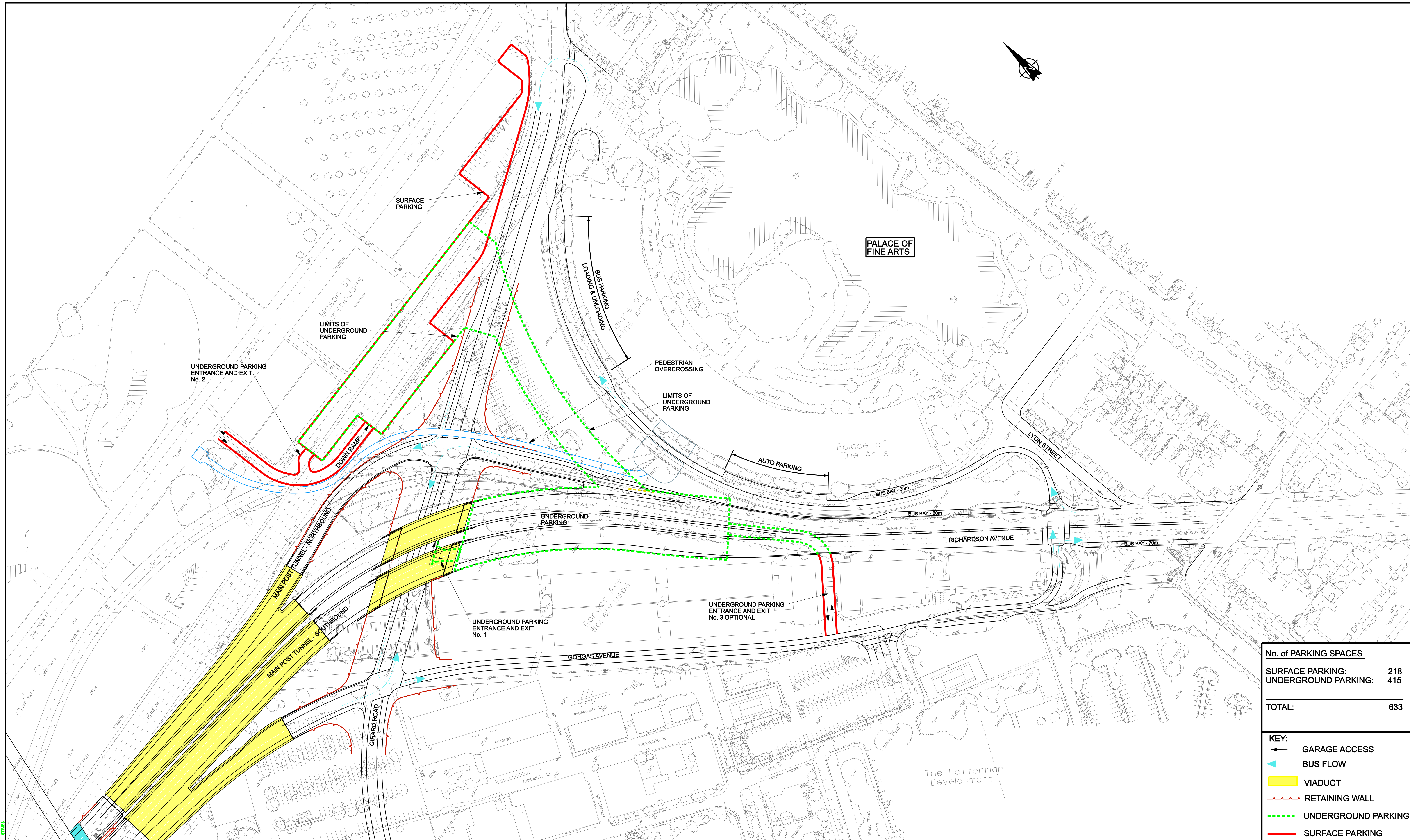


PROFILE



5. Presidio Parkway





No. of PARKING SPACES	
SURFACE PARKING:	218
UNDERGROUND PARKING:	415
TOTAL:	633

KEY:	
	GARAGE ACCESS
	BUS FLOW
	VIADUCT
	RETAINING WALL
	UNDERGROUND PARKING
	SURFACE PARKING

NOTES:
 1. AUTO PARKING ESTIMATE IS BASED ON THE GUIDELINE OF 32.5 m² per VEHICLE.
 2. VEHICLE CLEARANCE:

 1m Structure
 3m Min

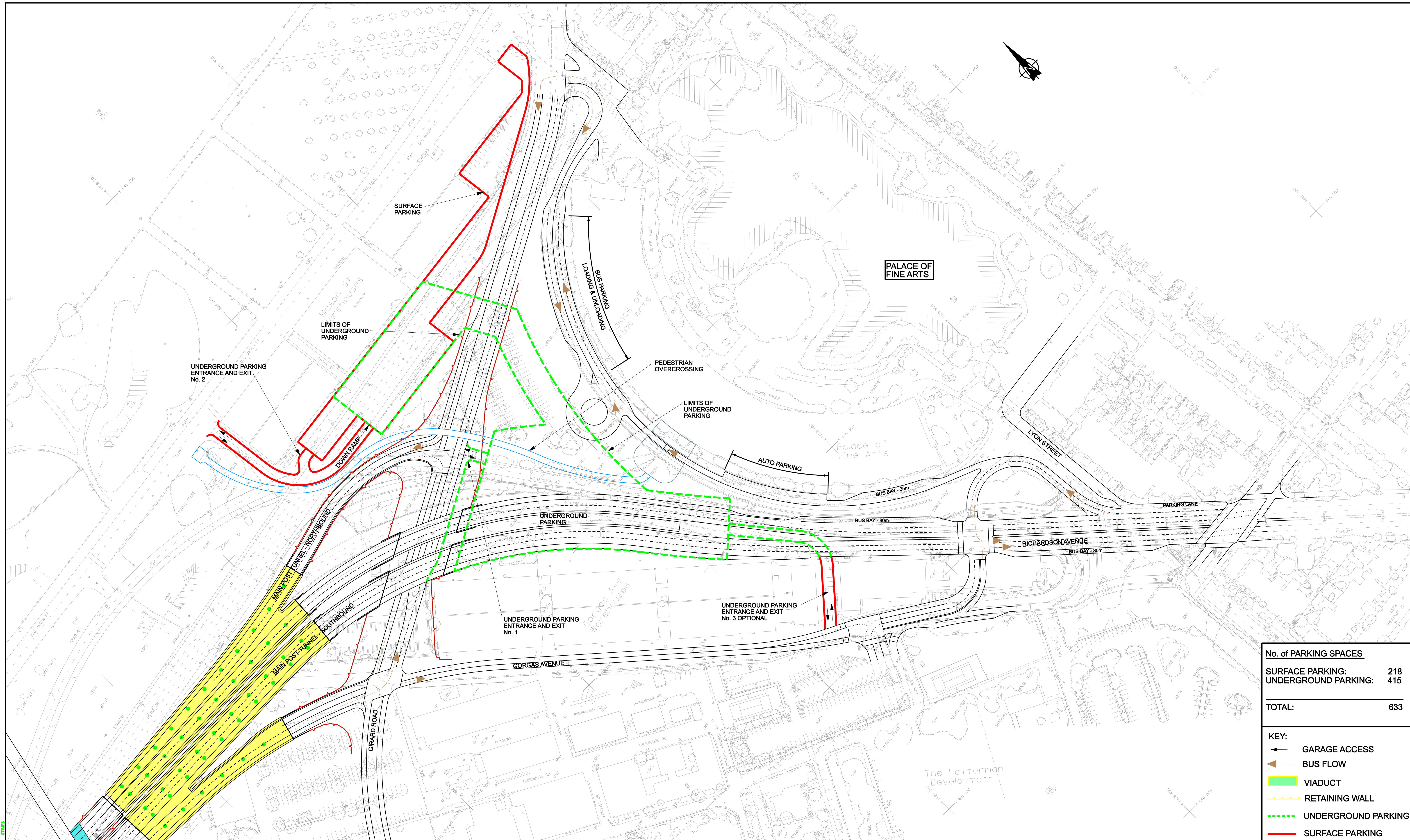


Issue	Date	By	Chkd	Appd

Job Title
**ALTERNATIVE 5
 PRESIDIO PARKWAY**

Drawing Title
**LAYOUT PLAN
 DIAMOND OPTION
 EAST END
 PARKING & CIRCULATION**

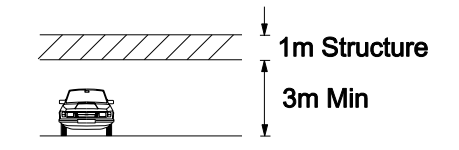
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 Job No: 130168-00
 Drawing No: SFSK-052
 Issue: -



No. of PARKING SPACES	
SURFACE PARKING:	218
UNDERGROUND PARKING:	415
TOTAL:	633

KEY:	
	GARAGE ACCESS
	BUS FLOW
	VIADUCT
	RETAINING WALL
	UNDERGROUND PARKING
	SURFACE PARKING

NOTES:
 1. AUTO PARKING ESTIMATE IS BASED ON THE GUIDELINE OF 32.5 m² per VEHICLE.
 2. VEHICLE CLEARANCE:

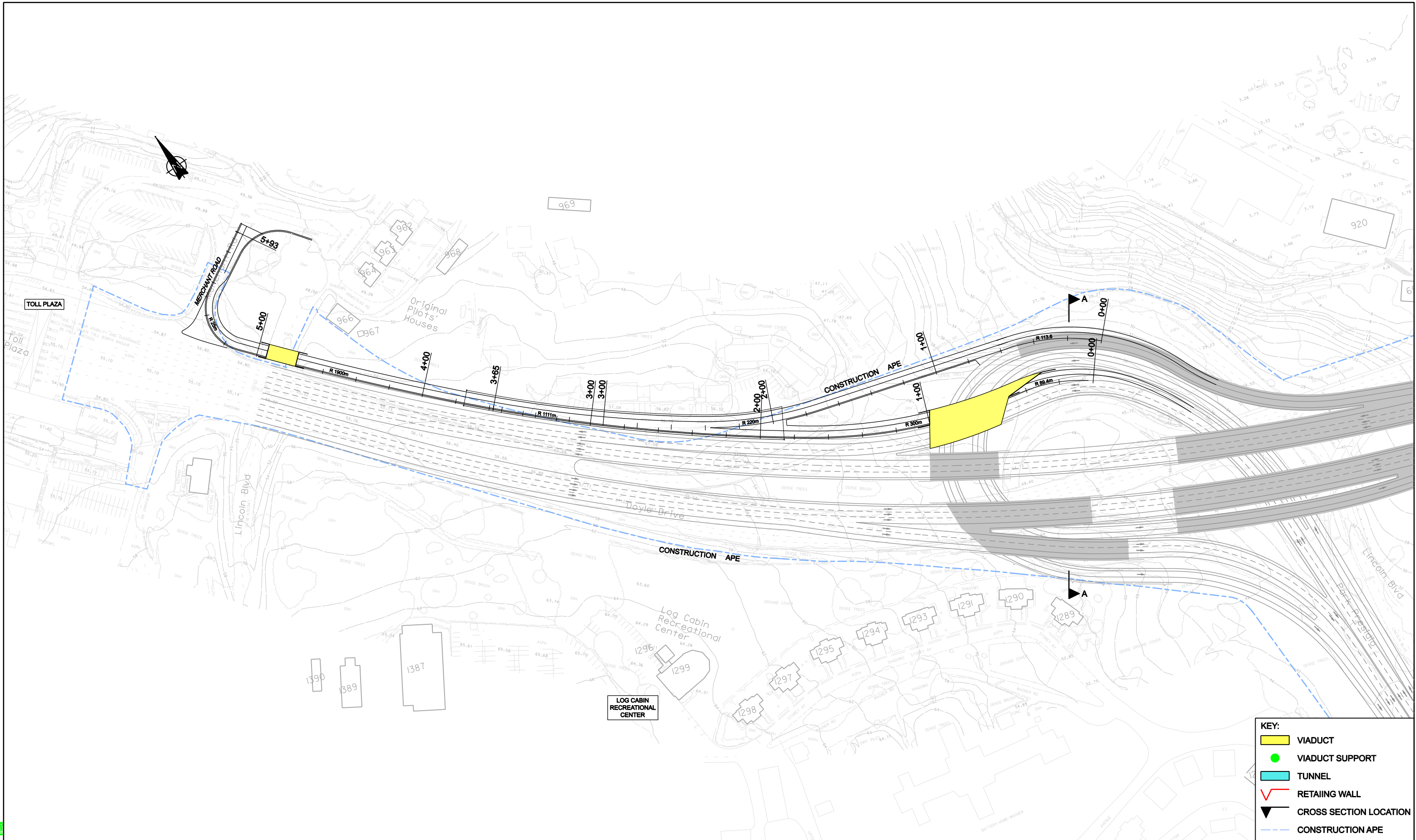


Issue	Date	By	Chkd	Appd

Job Title
**ALTERNATIVE 5
 PRESIDIO PARKWAY**

Drawing Title
**LAYOUT PLAN
 CIRCLE DRIVE
 EAST END
 PARKING & CIRCULATION**

Scale:	1:1000
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Drawing Status:	DRAFT
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Drawing No:	SFSK-051
Issue:	-



KEY:

- VIADUCT
- VIADUCT SUPPORT
- TUNNEL
- RETAINING WALL
- ▲ CROSS SECTION LOCATION
- CONSTRUCTION APE

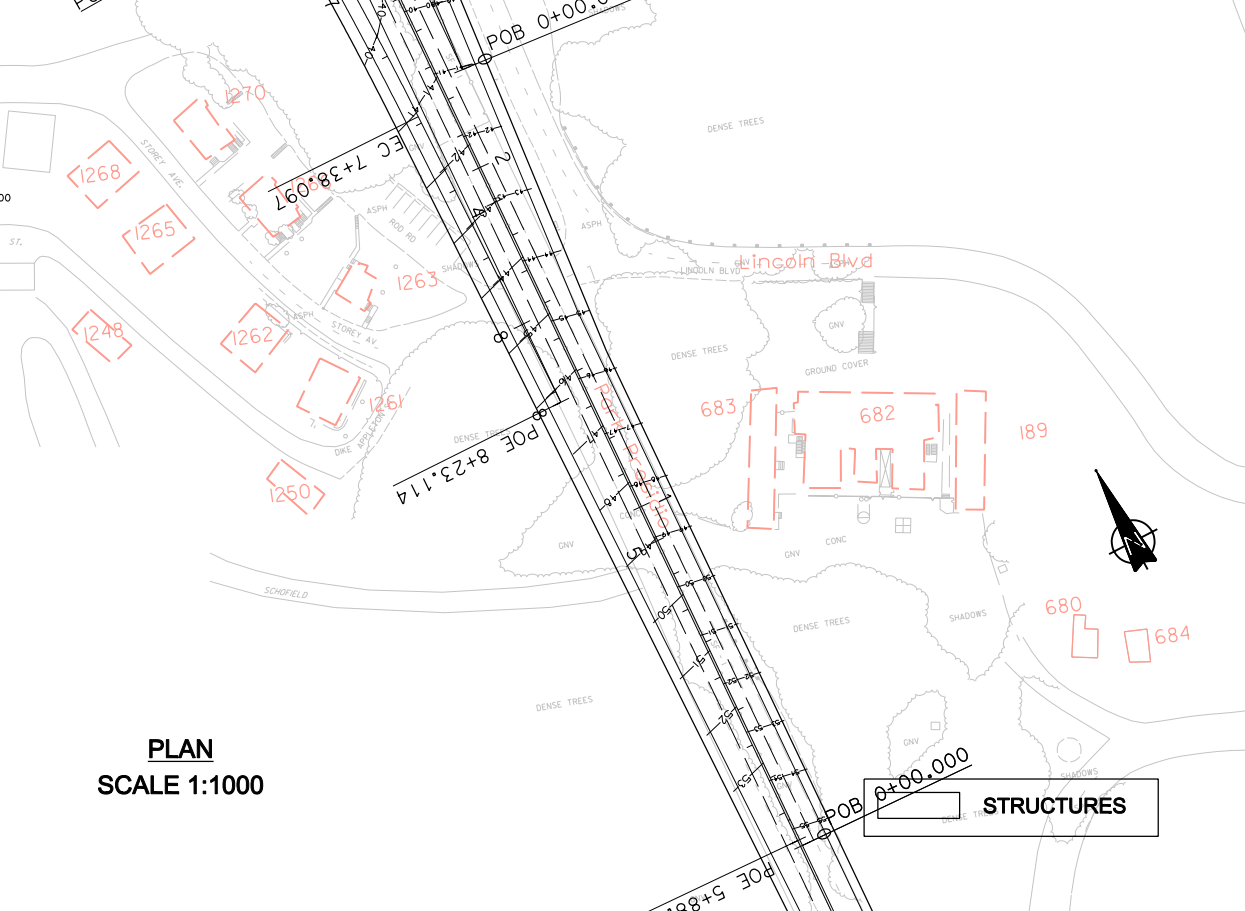
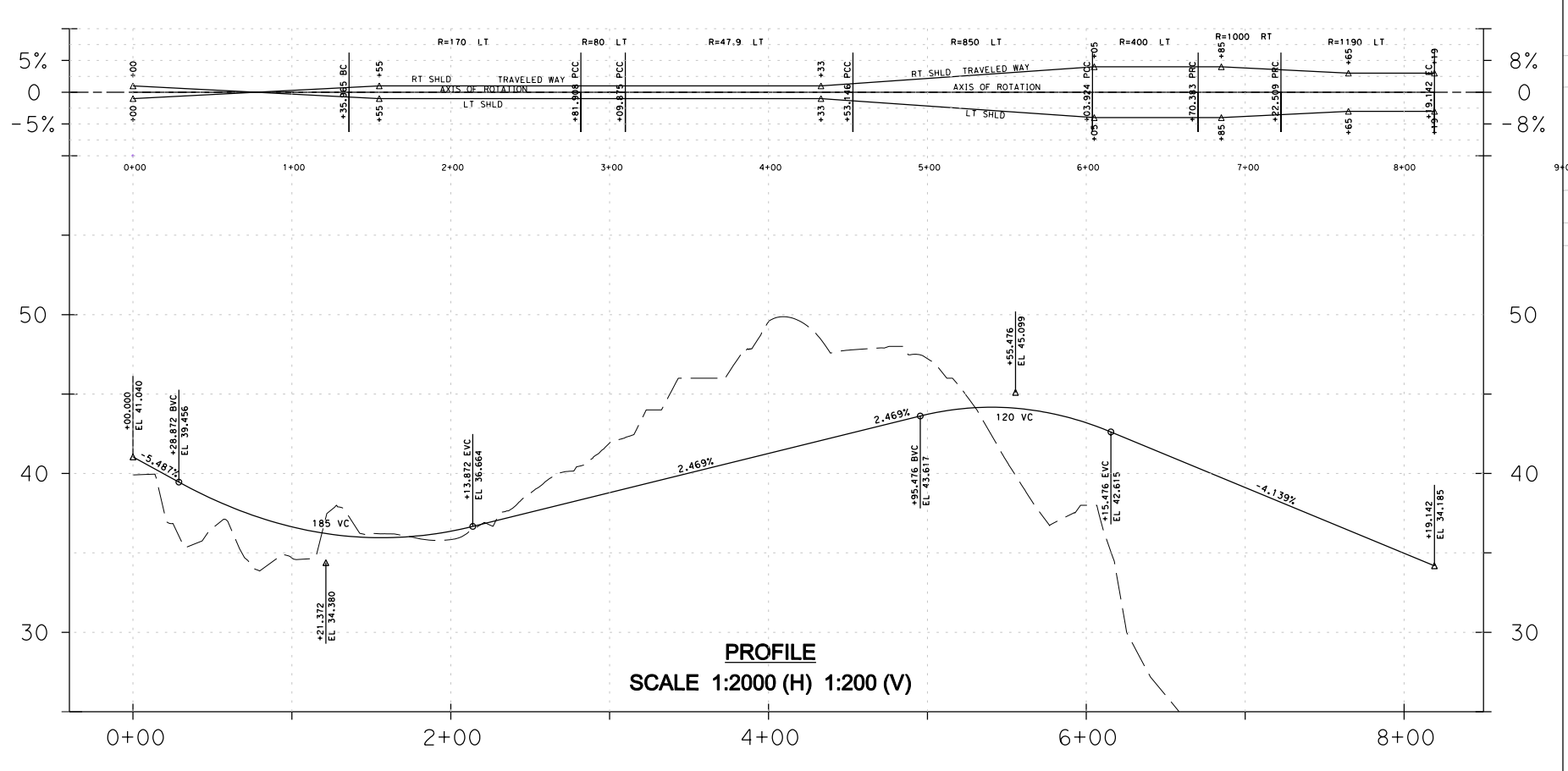
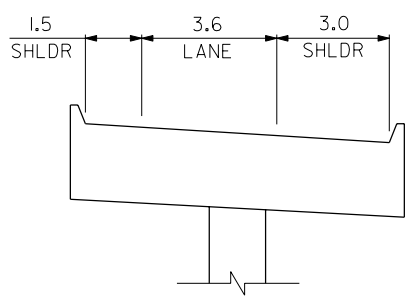
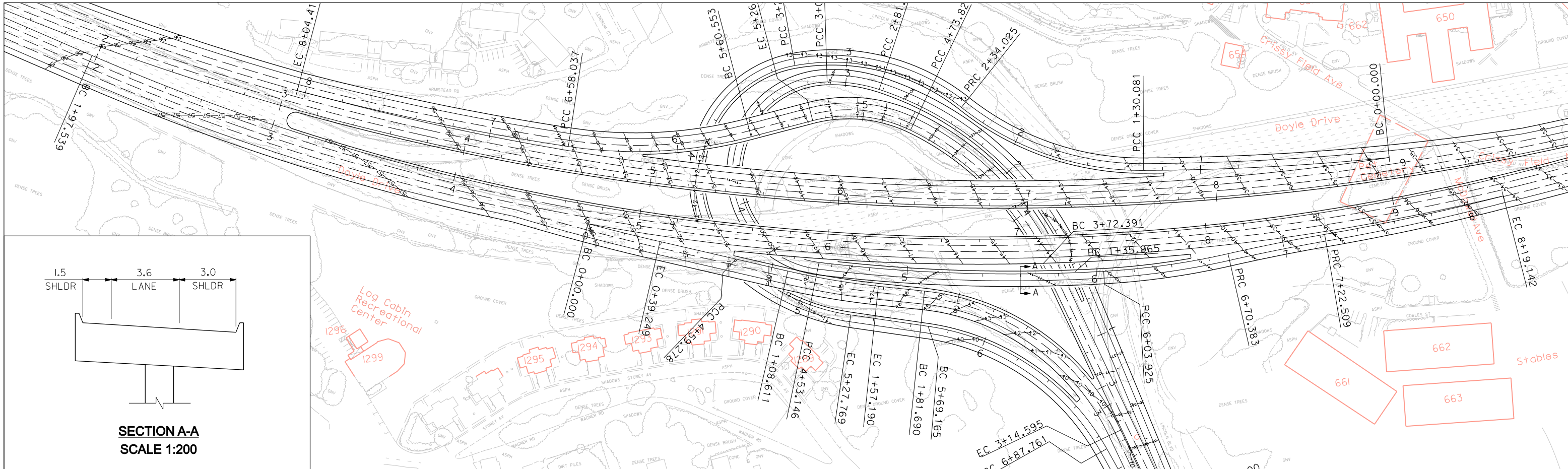


Issue	Date	By	Chkd	Appd

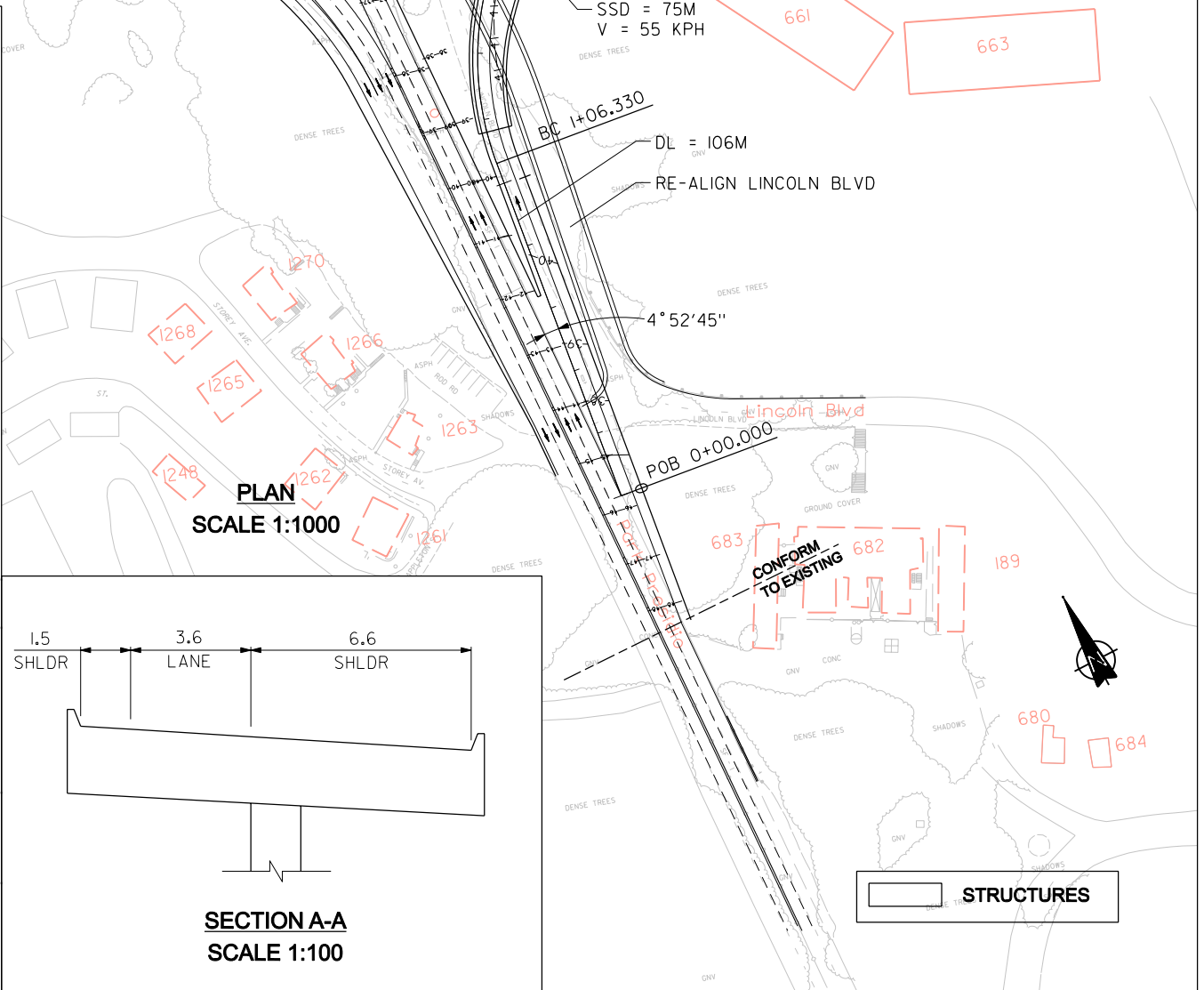
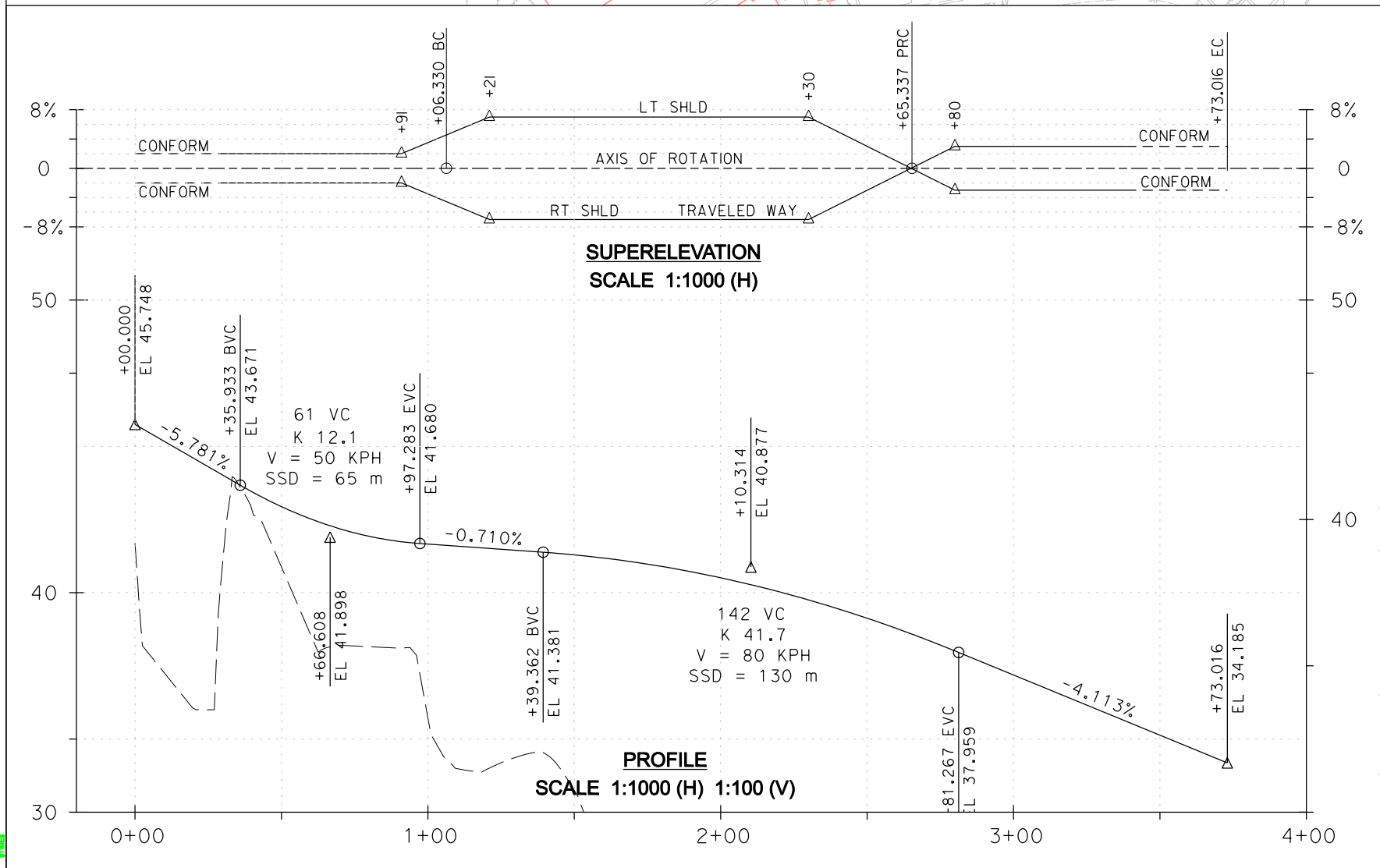
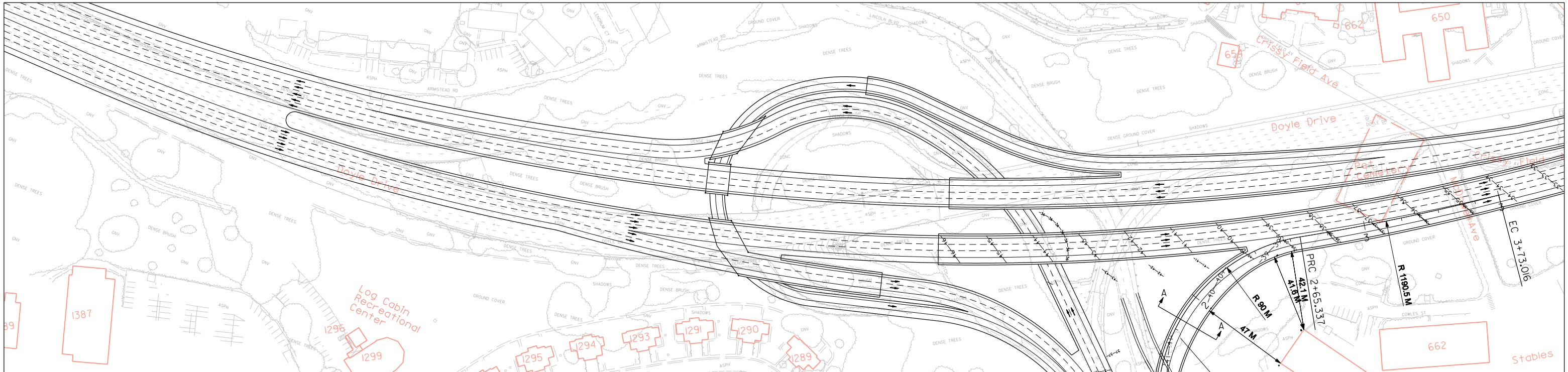
Job Title
**ALTERNATIVE 5
 PRESIDIO PARKWAY**

Drawing Title
**LAYOUT PLAN
 MERCHANT ROAD OFF-RAMP**

Scale:	1:1000
File Name:	SFSK-M01.DGN
Drawing Status:	DRAFT
Job No:	130168-00
Drawing No:	SFSK-M01
Issue:	-



Drawing Title ALTERNATIVE 5 PRESIDIO PARKWAY					Job Title OPTION 1: LOOP RAMP		Scale: AS SHOWN	
Issue Date By Check Appd					Drawing Status PRELIMINARY		File Name	
					Job No 130168-00		Drawing No SFSK-054A	
					POB 8+00.000		Issue	



Job Title ALTERNATIVE 5 PRESIDIO PARKWAY					Drawing Title OPTION 2: HOOK RAMP (WITH GEOMETRIC REFINEMENTS)					Scale: AS SHOWN				
File Name _____					Drawing Status PERLIMINARY					Job No 130168-00				
Issue					Date					By				
Chkd					Appd					Drawing No SFSK-054				
Appd					Issue					18/04 One Anup Partnership Ltd				

APPENDIX B

**PARK PRESIDIO ALTERNATIVE
TUNNEL PORTAL MODEL RUN**

*** SCREEN3 MODEL RUN ***
*** VERSION DATED 95250 ***

Tunnel portal modeling, unit emissions

SIMPLE TERRAIN INPUTS:

SOURCE TYPE = VOLUME
EMISSION RATE (G/S) = 1.00000
SOURCE HEIGHT (M) = 2.0000
INIT. LATERAL DIMEN (M) = 1.2000
INIT. VERTICAL DIMEN (M) = 1.3000
RECEPTOR HEIGHT (M) = 1.5000
URBAN/RURAL OPTION = URBAN

BUOY. FLUX = .000 M**4/S**3; MOM. FLUX = .000 M**4/S**2.

*** FULL METEOROLOGY ***

*** SCREEN AUTOMATED DISTANCES ***

*** TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING DISTANCES ***

DIST (M)	CONC (UG/M**3)	STAB	U10M (M/S)	USTK (M/S)	MIX HT (M)	PLUME HT (M)	SIGMA Y (M)	SIGMA Z (M)	DWASH
100.	2975.	5	1.0	1.0	10000.0	2.00	11.94	8.60	NO
200.	936.6	5	1.0	1.0	10000.0	2.00	22.28	15.04	NO
300.	470.0	5	1.0	1.0	10000.0	2.00	32.26	20.85	NO
400.	289.4	5	1.0	1.0	10000.0	2.00	41.89	26.14	NO
500.	199.8	5	1.0	1.0	10000.0	2.00	51.21	31.01	NO
600.	148.3	5	1.0	1.0	10000.0	2.00	60.24	35.55	NO
700.	115.7	5	1.0	1.0	10000.0	2.00	69.00	39.79	NO
800.	93.62	5	1.0	1.0	10000.0	2.00	77.51	43.79	NO
900.	77.88	5	1.0	1.0	10000.0	2.00	85.79	47.58	NO
1000.	66.20	5	1.0	1.0	10000.0	2.00	93.84	51.18	NO
1100.	57.26	5	1.0	1.0	10000.0	2.00	101.68	54.61	NO
1200.	50.23	5	1.0	1.0	10000.0	2.00	109.33	57.90	NO
1300.	44.59	5	1.0	1.0	10000.0	2.00	116.80	61.06	NO
1400.	39.99	5	1.0	1.0	10000.0	2.00	124.09	64.10	NO
1500.	36.16	5	1.0	1.0	10000.0	2.00	131.22	67.04	NO
1600.	32.94	5	1.0	1.0	10000.0	2.00	138.19	69.88	NO
1700.	30.21	5	1.0	1.0	10000.0	2.00	145.01	72.63	NO
1800.	27.85	5	1.0	1.0	10000.0	2.00	151.70	75.30	NO
1900.	25.81	5	1.0	1.0	10000.0	2.00	158.25	77.89	NO
2000.	24.03	5	1.0	1.0	10000.0	2.00	164.67	80.41	NO
2100.	22.46	5	1.0	1.0	10000.0	2.00	170.98	82.87	NO
2200.	21.06	5	1.0	1.0	10000.0	2.00	177.17	85.27	NO
2300.	19.82	5	1.0	1.0	10000.0	2.00	183.25	87.61	NO
2400.	18.71	5	1.0	1.0	10000.0	2.00	189.22	89.89	NO
2500.	17.70	5	1.0	1.0	10000.0	2.00	195.09	92.13	NO
2600.	16.79	5	1.0	1.0	10000.0	2.00	200.87	94.32	NO
2700.	15.97	5	1.0	1.0	10000.0	2.00	206.55	96.47	NO
2800.	15.22	5	1.0	1.0	10000.0	2.00	212.14	98.57	NO
2900.	14.53	5	1.0	1.0	10000.0	2.00	217.65	100.64	NO
3000.	13.89	5	1.0	1.0	10000.0	2.00	223.08	102.67	NO
3500.	11.38	5	1.0	1.0	10000.0	2.00	249.07	112.30	NO
4000.	9.602	5	1.0	1.0	10000.0	2.00	273.39	121.23	NO
4500.	8.289	5	1.0	1.0	10000.0	2.00	296.31	129.58	NO
5000.	7.281	5	1.0	1.0	10000.0	2.00	318.01	137.45	NO

MAXIMUM 1-HR CONCENTRATION AT OR BEYOND 100. M:

100.	2975.	5	1.0	1.0	10000.0	2.00	11.94	8.60	NO
------	-------	---	-----	-----	---------	------	-------	------	----

DWASH= MEANS NO CALC MADE (CONC = 0.0)
 DWASH=NO MEANS NO BUILDING DOWNWASH USED
 DWASH=HS MEANS HUBER-SNYDER DOWNWASH USED
 DWASH=SS MEANS SCHULMAN-SCIRE DOWNWASH USED
 DWASH=NA MEANS DOWNWASH NOT APPLICABLE, X<3*LB

 *** SCREEN DISCRETE DISTANCES ***

*** TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING DISTANCES ***

DIST (M)	CONC (UG/M**3)	STAB	U10M (M/S)	USTK (M/S)	MIX HT (M)	PLUME HT (M)	SIGMA Y (M)	SIGMA Z (M)	DWASH
2.	.0000	0	.0	.0	.0	.00	.00	.00	
4.	.6317E+05	5	1.0	1.0	10000.0	2.00	1.64	1.61	NO
5.	.5793E+05	5	1.0	1.0	10000.0	2.00	1.75	1.69	NO
10.	.4056E+05	5	1.0	1.0	10000.0	2.00	2.29	2.08	NO
20.	.2407E+05	5	1.0	1.0	10000.0	2.00	3.38	2.84	NO
50.	8453.	5	1.0	1.0	10000.0	2.00	6.62	5.07	NO
80.	4237.	5	1.0	1.0	10000.0	2.00	9.83	7.21	NO
100.	2975.	5	1.0	1.0	10000.0	2.00	11.94	8.60	NO

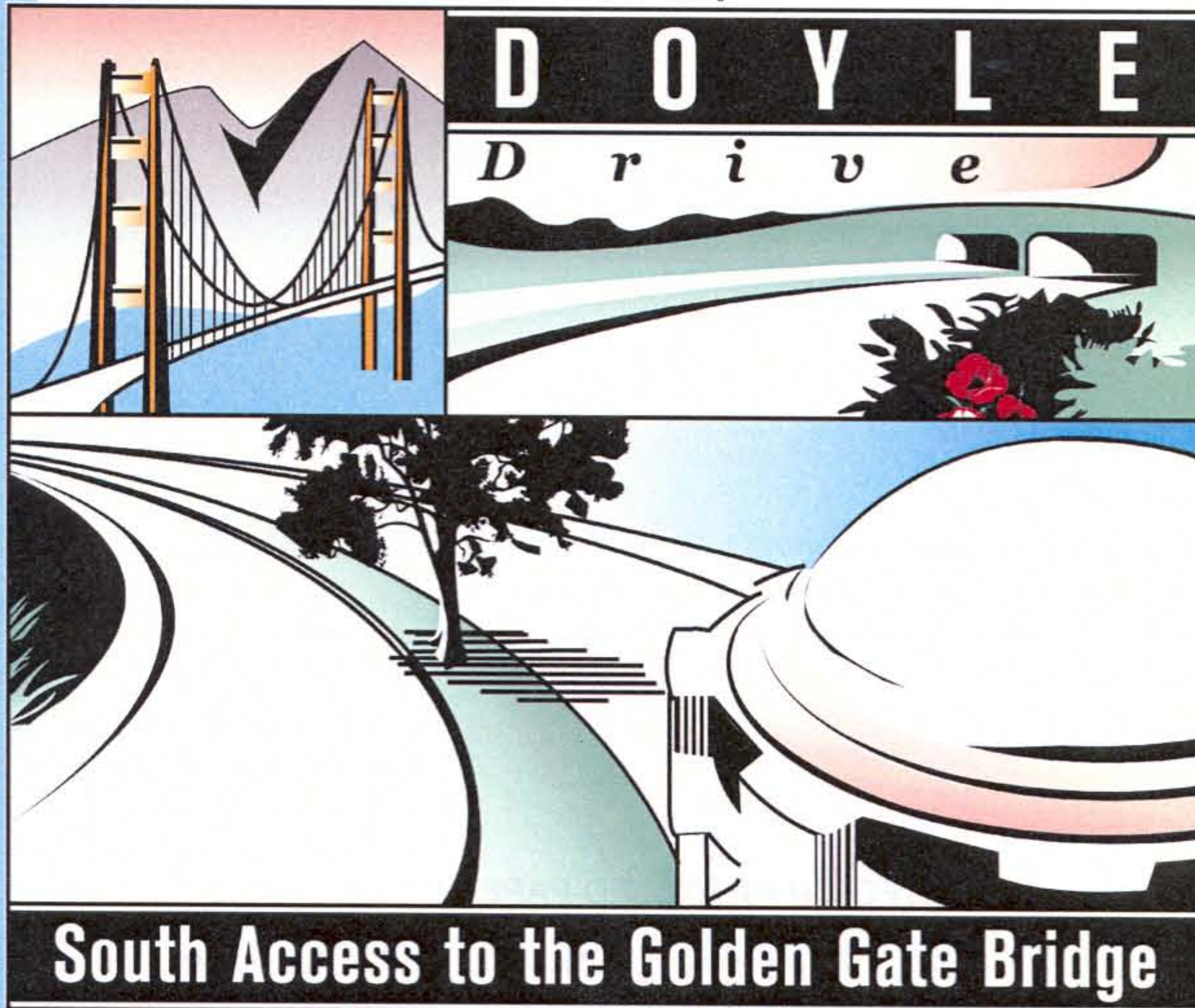
DWASH= MEANS NO CALC MADE (CONC = 0.0)
 DWASH=NO MEANS NO BUILDING DOWNWASH USED
 DWASH=HS MEANS HUBER-SNYDER DOWNWASH USED
 DWASH=SS MEANS SCHULMAN-SCIRE DOWNWASH USED
 DWASH=NA MEANS DOWNWASH NOT APPLICABLE, X<3*LB

 *** SUMMARY OF SCREEN MODEL RESULTS ***

CALCULATION PROCEDURE	MAX CONC (UG/M**3)	DIST TO MAX (M)	TERRAIN HT (M)
SIMPLE TERRAIN	.6317E+05	4.	0.

 ** REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS **

SFCTA Contract Number 99/00-7



FINAL COMMUNITY IMPACT ASSESSMENT

Revised August 2005

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Reviewed By:


Susan Killen, Parsons Brinckerhoff

Approved By:


Leroy L. Saage, Project Manager
San Francisco County Transportation Authority

PRINTED ON RECYCLED PAPER



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EXECUTIVE SUMMARY

INTRODUCTION

This report presents the results of the Community Impact Assessment (CIA) conducted for the South Access to the Golden Gate Bridge - Doyle Drive Project (Doyle Drive Project). The Community Impact Assessment is one of several technical reports prepared in support of the Draft Environmental Impact Statement/Draft Environmental Impact Report (DEIS/DEIR). The information from this report will be summarized in the DEIS/DEIR. This report presents the existing community and land use conditions in the Doyle Drive Project study area, the potential construction-related (temporary) and operational-related (long-term) impacts on the community and its neighborhoods, California Environmental Quality Act of 1970 (CEQA) significance and cumulative impacts.

Doyle Drive is located in the Presidio of San Francisco (the Presidio), in the northern part of the City of San Francisco at the southern approach to the Golden Gate Bridge (see Figure 1-1). Doyle Drive has six lanes and extends from the Golden Gate Bridge through the Presidio to its termination at Lyon Street and Marina Boulevard, a length of 2.4 kilometers (1.5 miles). Doyle Drive is over 70 years old and it is approaching the end of its useful life, although regular maintenance, seismic retrofit, and partial rehabilitation activities are keeping the structure safe in the short term. The Presidio has been designated a National Historic Landmark District (NHLD) since 1962 with the Doyle Drive roadway determined to be a contributing element to that landmark.

PROJECT PURPOSE AND ALTERNATIVES DESCRIPTION

The purpose of the South Access to the Golden Gate Bridge - Doyle Drive Project is to replace Doyle Drive in order to improve the seismic, structural, and traffic safety of the roadway within the setting and context of the Presidio of San Francisco and its purpose as a National Park.

Three alternatives were selected for analysis in the Doyle Drive Project DEIS/DEIR. As shown in Figure 1-1, the project limits are from Merchant Road, just south of the Golden Gate Bridge Toll Plaza, to the intersection of Richardson Avenue/Francisco Street and Marina Boulevard/Lyon Street. The alternatives and their general characteristics are described below. Detailed drawings showing the plan and profile of each alternative in addition to the various design options can be found in Appendix A.

Alternative 1: No-Build Alternative. The No-Build Alternative represents the future year conditions if no other actions are taken in the study area beyond what is already programmed by the year 2020. It is the baseline condition and future travel conditions against which all other alternatives are compared. Doyle Drive would remain in its current configuration (i.e., “No-Build”): 2.4 kilometers (1.5 miles) long with six traffic lanes ranging in width from 2.9 to three meters (9.5 to ten feet) wide (see Figure 1-2). No fixed median barriers or shoulders currently existing on Doyle Drive, and the roadway passes through the Presidio on one high steel truss viaduct and one low elevated concrete viaduct with lengths of 463 meters (1,519 feet) and 1,137 meters (3,730 feet), respectively. The height of the high-viaduct varies from twenty to 35 meters (66 to 115 feet) above the ground surface while the low viaduct has an average of eight meters (26 feet) above existing ground surface.

Alternative 2: Replace and Widen Alternative. The Replace and Widen Alternative would replace the 463-meter (1,519-foot) high-viaduct and the 1,137-meter (3,730-foot) low-viaduct with wider structures that meet the most current seismic and structural design standards (see Figure 1-3). The new facility would be replaced on the existing alignment and widened to incorporate improvements for increased traffic safety. This alternative would include either six 3.6-meter (12-foot) lanes and a 3.6-meter (12-foot) eastbound auxiliary lane with a fixed median barrier or six 3.6-meter (12-foot) lanes with a moveable median barrier. The new facility would have an overall width of 38.0 meters (124 feet). Both options would include continuous 3.0-meter shoulders along the facility.. This alternative includes two options for the construction

staging: a No Detour Option - the widened portion of the new facility would be constructed on both sides and above the existing low-viaduct and would maintain traffic on the existing structure during construction, or a Detour Option - a detour facility would be constructed to the north of existing Doyle Drive to maintain traffic through the construction period. Vehicular access to the Presidio is available from Doyle Drive via the on-and off-ramps to Merchant Road at the Golden Gate Bridge Toll Plaza. Presidio access at the east end of the project will be provided for southbound traffic via a right turn from Richardson Avenue to Gorgas Avenue. There would be no Presidio access for northbound traffic at the east end of Doyle Drive due to geometric constraints and concerns for traffic safety.

Alternative 5: Presidio Parkway Alternative. The Presidio Parkway Alternative would replace the existing facility with a new six-lane facility and an eastbound auxiliary lane, between the Park Presidio interchange and the new Presidio access at Girard Road. (See Figure 1-4) The new facility would consist of two 3.3-meter (11 foot) lanes and one 3.6-meter (12 foot) outside lane in each direction with 3.0-meter outside shoulders and 1.2-meter inside shoulders. In addition, a 3.3-meter (11 foot) auxiliary lane runs along southbound Doyle Drive from the Park Presidio Interchange to the Girard Road exit ramp. The width of the proposed landscaped median varies from 5.0 meters (16 feet) to 12.5 meters (41 feet). To minimize impacts to the park, the footprint of the new facility would include a large portion of the existing facility's footprint east of the Park Presidio interchange.

A 450-meter (1,476-foot) long high-viaduct would be constructed between the Park Presidio interchange and the San Francisco National Cemetery. The height of the high-viaduct would vary from twenty to 35 meters (66 to 115 feet) above the ground surface. Shallow cut-and-cover tunnels would extend 240 meters (787 feet) past the cemetery to east of Battery Blaney. The facility would then continue towards the Main Post in an open depressed roadway with a wide heavily landscaped median.

From Building 106 (Band Barracks) cut-and-cover tunnels up to 310 meters long (984 feet) would extend to east of Halleck Street. The facility would then rise slightly on a low level causeway 160 meters (525 feet) long over the site of the proposed Tennessee Hollow restoration and a depressed Girard Road. The low causeway would rise to approximately four meters (13 feet) above the surrounding ground surface at its highest point. East of Girard Road the facility would return to existing grade north of the Gorgas warehouses and connect to Richardson Avenue.

The Presidio Parkway Alternative would include an underground parking facility up to four meters (12 feet) deep at the eastern end of the alignment between the Mason Street warehouses and Gorgas Street warehouses. The parking garage would supply approximately 500 spaces to maintain the existing parking supply in the area and improve pedestrian and vehicular access between the Presidio and the Palace of Fine Arts.

Merchant Road Option - At the intersection with Merchant Road, just east of the toll plaza, a design option has been developed for a Merchant Road slip ramp. This option would provide an additional new connection from westbound Doyle Drive to Merchant Road. This ramp would provide direct access to the Golden Gate Visitors' Center and alleviate the congested weaving section where northbound Park Presidio Boulevard merges into Doyle Drive.

The Park Presidio interchange would be reconfigured due to the realignment of Doyle Drive to the south. The exit ramp from eastbound Doyle Drive to southbound Park Presidio Boulevard would be replaced with standard exit ramp geometry and widened to two lanes. The loop of the westbound Doyle Drive exit ramp to southbound Park Presidio Boulevard would be improved to provide standard exit ramp geometry. The northbound Park Presidio Boulevard connection to westbound Doyle Drive would be realigned to provide standard entrance ramp geometry. There are two options for the northbound Park Presidio Boulevard ramp to an eastbound Doyle Drive connection:

- Loop Ramp Option - Replace the existing ramp with a loop ramp to the left to reduce construction close to the Cavalry Stables and provide standard entrance and exit ramp geometry.

- Hook Ramp Option - Rebuild the ramp with a similar configuration as the existing directional ramp with a curve to the right and improved exit and entrance geometry.

The Presidio Parkway Alternative includes two options for direct access to the Presidio and Marina Boulevard at the eastern end of the project:

- Diamond Option – The Diamond option would provide direct access to the Presidio and indirect access to Marina Boulevard in both directions via access ramps from Doyle Drive connecting to an extension of Girard Road. East of the new Letterman garage, Gorgas Avenue is a one-way street and connects to Richardson Avenue with access to Palace Drive via a signalized intersection at Lyon Street.
- Circle Drive Option – This option would provide direct access to the Presidio and indirect access to Marina Boulevard for eastbound traffic via access ramps connecting to an extension of Girard Road. Westbound traffic from Richardson Avenue would access the Presidio through a jug handle intersection to Gorgas Avenue.

IMPACT ANALYSIS

The analysis of community impacts involved reviewing impacts of the Doyle Drive Project alternatives in the study area neighborhoods in relation to traffic, transit, bicycle/pedestrian facilities, noise, visual, environmental justice, employment, and community facilities and public services on both a temporary and long-term basis.

The impacts of the Doyle Drive Project alternatives on existing and planned land uses include an analysis of the temporary and permanent removal of buildings, an analysis of the impacts to parking, and an analysis of the impacts to the land uses of the various planning areas in the Presidio in addition to the surrounding areas. Table ES-1 presents a comparative summary of impacts by project alternative.

The estimated construction period is between four to five years for all build alternatives. During the construction period there would be a disruption of normal activities within the Presidio resulting from the introduction of construction noise, a change in the visual setting, and movement of equipment and materials. All construction activities are expected to comply with the Caltrans Standard Specifications and provisions of the City of San Francisco noise ordinance in order to minimize construction disturbance and control noise, dust, vibration, and traffic within the Presidio and to neighboring residents. Although the visitor experience to the Presidio would be degraded during the construction period due to the sights and sounds of construction, visitors and those working in the Presidio would still have full access and use of the facilities at the park. Construction noise is not expected to hinder the use of any operating facilities or buildings. Implementation of various noise control measures including use of mufflers and shields on equipment would minimize the effects of construction noise. Long-term traffic noise levels are expected to be similar to existing levels, regardless of the alternative selected.

In compliance with environmental justice policies and Executive Order No. 12898, any disproportionate impacts to minority and low-income populations must be determined or identified and effective mitigation measures must be proposed and provided. The Doyle Drive Project is not expected to result in disproportionate impacts to the minority and low-income populations in the local study area or in the region. Based on 2000 U.S. Census data, the existing racial composition in the Presidio and adjacent neighborhoods is, on average, approximately 69 percent White, 24 percent Asian, 5 percent Hispanic, 2 percent African American, and 5.5 percent are American Indians, Alaska Natives, Native Hawaiian and Pacific Islanders or persons of two or more races. This information indicates that the census tract study area does not have a predominately minority population.

Poverty status was used to identify populations as low-income. For the census tracts within the study area, the percent of individuals below the poverty level ranges from 3.3 percent to 17.3 percent. On average, the percent of persons below the poverty level was 6.8 percent. Because the study area does not have a majority (more than 50 percent) of individuals living at or below the poverty level, the study area does not

contain higher than average concentrations low-income groups and therefore these groups are not located within areas that could be subject to disproportionate impacts.

It is anticipated that certain components of the utility system in the Presidio would need to be relocated as part of the Doyle Drive Project. In general, all alternatives, except the No-Build Alternative, would require utility relocation, but it is expected that there would be no significant impacts to the utility systems, as continuous service would be maintained during construction. Overall, the utility relocations would also improve and upgrade the existing utility system and include provision for additional equipment backup capabilities.

All of the project build alternatives would result in the temporary and/or permanent displacement of property in the study area. Displacements have been estimated using preliminary alignment drawings. These displacements involve a number of different land uses, including office, infrastructure, warehouse, institution, retail, industrial, and recreational.

Direct property acquisition would require implementation of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended and the Civil Rights Act of 1964, providing for relocation assistance services to homeowners and renters affected. In addition, the Act requires that residential and commercial property owners be paid fair market value of any property acquired as a result of the project.

During construction, the Replace and Widen Alternative - Detour Option would require the removal of four Mason Street Warehouses (Buildings 1182 – 1185) in order to accommodate the temporary detour for the Marina connector ramp. These buildings could either be temporarily or permanently removed. The Presidio Parkway Alternative would require the temporary closure of Building 106 during construction.

The Replace and Widen Alternative – No Detour Option would permanently remove one non-historic structure (Building 1158), while four non-historic structures (Buildings 605 and 606 [Post Exchange] and 610/653 [Commissary]) would be removed with the Detour Option. The Presidio Parkway Alternative would remove up to 10 buildings depending on the design option used for the east end of the roadway. Nine structures (Buildings 201, 204, 205, 230, 231, 670, 605, 606, and 1158) would be permanently removed with the Diamond Option. The Circle Drive Option would also require the removal of Building 1151. The addition of the Merchant Road slip-ramp design option would require the removal of an additional four residential structures (Buildings 1253 – 1256). The Presidio Trust would be compensated for both the permanent and temporary loss of buildings acquired as part of the right-of-way process.

Construction of either the Replace and Widen Alternative or the Presidio Parkway Alternative would require both temporary and long-term removal of parking spaces. The Replace and Widen Alternative – No Detour Option would result in an unmet deficiency over No-Build conditions of 473 spaces temporarily and one space in the long-term while the Detour Option would result in a deficiency of 156 spaces temporarily and 20 in the long-term. The Presidio Parkway Alternative would result in a deficiency of 768 spaces temporarily and 134 in the long-term. Both construction period and permanent parking shortfalls would generally be addressed through the use of surplus parking in adjacent areas and through the overall management of parking within the Presidio, although replacement parking may be required under temporary conditions. The location and extent of the available parking supply during construction activities should be updated periodically.

The temporary disruptions and long-term affect of the implementation of a new Doyle Drive would not alter the existing land use of the Presidio or hinder the planned future uses for each planning area outlined in the PTMP.

The Doyle Drive Project would require local approvals affecting land use if construction work is contemplated on the portion of the study area outside of Federal property. These include encroachment permits and authorization for any sidewalk or roadway changes within the City of San Francisco jurisdiction. Consistency with Article 20 of the Public Works code would be required since there is the potential for hazardous materials being transported through/on San Francisco streets. A finding of General Plan Conformity for the

Doyle Drive Project by the San Francisco Planning Department and Planning Commission is also required. The Palace of Fine Arts, located on the edge of the Presidio and within the Doyle Drive Project study area is a designated City Landmark (Number 88) subject to the requirements of Article 10 of the San Francisco Planning Code. The Palace of Fine Arts is considered eligible for the National Register of Historic Places, and it is currently under review by the Keeper of the National Register for this listing. A finding of General Plan Conformity for the Doyle Drive Project by the San Francisco Planning Department and Planning Commission is also required.

CUMULATIVE IMPACTS

Both the National Environmental Policy Act of 1969 (NEPA) and CEQA require a project to analyze cumulative impacts in addition to direct and indirect impacts. The cumulative impacts analysis considers the potential for the project, in combination with other projects in the Presidio and City of San Francisco, to have impacts on the physical environment of the Presidio and surrounding area.

During the construction period of the Doyle Drive Project there is the potential for temporary cumulative impacts related to traffic, bike/pedestrian facilities, and visual impacts to occur if other nearby construction activities are simultaneously occurring. For example, other projects that are simultaneously occurring could result in a cumulative effect of increased traffic delay in terms of access into the City. The potential for increased delay and congestion would depend on the timing of construction activities associated with each project, the amount of traffic diversion from these facilities to Doyle Drive, and measures that would be implemented to eliminate or reduce potential impacts such as public awareness campaigns and increased transit service.

In addition, it is likely that various bicycle and pedestrian routes would be temporarily closed or detoured during the project construction period. If other projects also require the closure or detour of bicycle and pedestrian facilities, a cumulative impact would occur. Once completed, however, a new Doyle Drive would not contribute to cumulative impacts to bicycle and pedestrian facilities as existing routes would be maintained.

When combined with other future projects that the Presidio Trust could undertake to meet the desired goals and objectives of the PTMP, which could require temporary and/or permanent building removal, the removal of buildings associated with the Doyle Drive Project alternatives would contribute to a cumulative impact on the number of structures available within the Presidio. The buildings temporarily removed and returned and permanently removed by the Doyle Drive Project alternatives are noted in Table ES-1. The resulting reduction in number of buildings would limit the space available for implementation of specific land uses within certain areas of the Presidio, primarily the Crissy Field and Main Post planning areas. Overall land use patterns within these specific planning areas of the Presidio are not likely to be affected by the removal of these buildings. However, if any additional buildings in these planning areas are removed by other future projects, the ability of these planning areas to achieve the desired build-out may be jeopardized, resulting in a cumulative impact.

With the exception of the permanent building removal, there would be no long-term cumulative impacts associated with traffic, parking, bike/pedestrian facilities, and socioeconomics as a result of the Doyle Drive Project in combination with other projects within the study area.

**TABLE ES-1
COMPARATIVE SUMMARY OF IMPACTS**

Elements Addressed	Alternative 1 No-Build	Alternative 2 Replace and Widen – No Detour Option	Alternative 2 Replace and Widen – Detour Option	Alternative 5 Presidio Parkway Diamond Option	Alternative 5 Presidio Parkway Circle Drive Option	Alternative 5 Presidio Parkway with the Merchant Road Slip Ramp Option ¹
Community						
Traffic	<ul style="list-style-type: none"> ◆ Long-term impacts: No improvement to traffic safety ◆ Potential traffic restrictions due to load limits on the high-viaduct forcing trucks and buses to use alternate routes to and from the North Bay. ◆ Potential collapse of low-viaduct structure in a major seismic event. ◆ Delays would continue at Marina Blvd./Divisadero St. and Marina Blvd./Broderick St. on weekdays, adversely affecting operations on Marina Blvd. 	<ul style="list-style-type: none"> ◆ Temporary impacts: large diversion of traffic to roadway under the Toll Plaza ◆ Long-term impacts: Delays would increase slightly at Marina Blvd./Divisadero St. and Marina Blvd./Broderick St. on weekdays, adversely affecting operations on Marina Blvd. during commute hours (LOS F). ◆ Signalized Lyon/Lombard Gate intersection would continue to operate at LOS F during AM peak. 	<ul style="list-style-type: none"> ◆ Temporary impacts: large diversion of traffic to roadway under the Toll Plaza ◆ Long-term impacts: Delays would increase slightly at Marina Blvd./Divisadero St. and Marina Blvd./Broderick St. on weekdays, adversely affecting operations on Marina Blvd. during commute hours (LOS F). ◆ Signalized Lyon/Lombard Gate intersection would continue to operate at LOS F during AM peak. 	<ul style="list-style-type: none"> ◆ Temporary impacts: large diversion of traffic to roadway under the Toll Plaza ◆ Long-term impacts: During the weekday AM peak hour, traffic operations at Marina Blvd./Divisadero St. and Marina Blvd./Broderick St would improve to LOS D. During the PM peak hour, delay would improve slightly while operations remained at LOS F. Operations would improve on weekends to LOS A and B. ◆ The vehicle queue on the southbound Richardson/Francisco approach would be extended by ten meters (33 feet) over No-Build conditions. 	<ul style="list-style-type: none"> ◆ Temporary impacts: large diversion of traffic to roadway under the Toll Plaza ◆ Long-term impacts: During the weekday AM peak hour, traffic operations at Marina Blvd./Divisadero St. and Marina Blvd./Broderick St would improve to LOS D. During the PM peak hour, delay would improve slightly while operations remained at LOS F. Operations would improve on weekends to LOS A and B. ◆ The vehicle queue on the southbound Richardson/Francisco approach would be extended by ten meters (33 feet) over No-Build conditions. 	Similar to Diamond and Circle Drive options

¹ The Merchant Road slip ramp option could be used as an additional design feature with either the Diamond Option or Circle Drive Option. The impacts associated with the Merchant Road slip ramp option would be in addition to the impacts of the Diamond Option or Circle Drive Option.

Elements Addressed	Alternative 1 No-Build	Alternative 2 Replace and Widen – No Detour Option	Alternative 2 Replace and Widen – Detour Option	Alternative 5 Presidio Parkway Diamond Option	Alternative 5 Presidio Parkway Circle Drive Option	Alternative 5 Presidio Parkway with the Merchant Road Slip Ramp Option ¹
	during commute hours (LOS F). ♦Signalized Lyon/Lombard Gate intersection would operate at LOS F during AM peak.					
Transit	No impact	No impact	No impact	No impact	No impact	No impact
Bike/Pedestrian Access	No impact	Potential nighttime closures of some roadways and trails	Potential nighttime closures of some roadways and trails	♦Access would be closed along Bank Street and Halleck Street during various phases of construction. Bicycle and pedestrian access across the Doyle Drive corridor would be maintained via Marshall Street, Crook Street, McDowell Avenue/Crissy Field Avenue, at the Lincoln Boulevard/Park Presidio Interchange, and at the Lincoln Boulevard/Golden Gate Bridge Toll Plaza	♦Access would be closed along Bank Street and Halleck Street during various phases of construction. Bicycle and pedestrian access across the Doyle Drive corridor would be maintained via Marshall Street, Crook Street, McDowell Avenue /Crissy Field Avenue, at the Lincoln Boulevard/Park Presidio Interchange, and at the Lincoln Boulevard/Golden Gate Bridge Toll Plaza	Similar to Diamond and Circle Drive options
Noise	29 of 35 receptor sites approach or exceed NAC	♦20 of 35 receptor sites would approach or exceed NAC from construction period traffic ♦Residences along	♦20 of 35 receptor sites would approach or exceed NAC from construction period traffic ♦Residences along	♦23 of 35 receptor sites would approach or exceed NAC from construction period traffic ♦Residences along Richardson Avenue	♦22 of 35 receptor sites would approach or exceed NAC from construction period traffic ♦Residences along Richardson Avenue	♦Construction period impacts would be similar to either Diamond or Circle Drive options ♦Long-term noise levels similar to

Elements Addressed	Alternative 1 No-Build	Alternative 2 Replace and Widen – No Detour Option	Alternative 2 Replace and Widen – Detour Option	Alternative 5 Presidio Parkway Diamond Option	Alternative 5 Presidio Parkway Circle Drive Option	Alternative 5 Presidio Parkway with the Merchant Road Slip Ramp Option ¹
		<p>Richardson Avenue and Marina Boulevard could be exposed to construction noise in excess of 89 dBA during construction</p> <ul style="list-style-type: none"> ◆ Long-term noise levels similar to existing levels – 30 of 35 receptor sites approach or exceed NAC ◆ Long-term impacts are location specific and generally include the residential areas along Storey Avenue, Battery areas, residential and commercial uses along Richardson Avenue 	<p>Richardson Avenue and Marina Boulevard could be exposed to construction noise in excess of 89 dBA during construction</p> <ul style="list-style-type: none"> ◆ Long-term noise levels similar to existing levels – 30 of 35 receptor sites approach or exceed NAC ◆ Long-term impacts are location specific and generally include the residential areas along Storey Avenue, Battery areas, residential and commercial uses along Richardson Avenue 	<p>and Marina Boulevard could be exposed to construction noise in excess of 89 dBA during construction</p> <ul style="list-style-type: none"> ◆ Long-term noise levels similar to existing levels – 25 of 35 receptor sites approach or exceed NAC ◆ Long-term impacts are location specific and generally include the residential areas along Storey Avenue, Battery areas, residential and commercial uses along Richardson Avenue 	<p>and Marina Boulevard could be exposed to construction noise in excess of 89 dBA during construction</p> <ul style="list-style-type: none"> ◆ Long-term noise levels similar to existing levels – 24 of 35 receptor sites approach or exceed NAC ◆ Long-term impacts are location specific and generally include the residential areas along Storey Avenue, Battery areas, residential and commercial uses along Richardson Avenue 	<p>existing levels – 28 of 35 receptor sites approach or exceed NAC</p> <ul style="list-style-type: none"> ◆ Long-term impacts are location specific and generally include the residential areas along Storey Avenue and Armistead Road, Battery areas, residential and commercial uses along Richardson Avenue
Visual	No impact	<ul style="list-style-type: none"> ◆ Temporary impacts: signs of construction including heavy equipment, landscape removal, grading, and stockpiling of materials would be visually intrusive ◆ Long-term impacts: The proposed elevation 	<ul style="list-style-type: none"> ◆ Temporary impacts: signs of construction including heavy equipment, landscape removal, grading, and stockpiling of materials would be visually intrusive The Detour structure would disrupt the visual 	<ul style="list-style-type: none"> ◆ Temporary impacts: signs of construction including heavy equipment, landscape removal, grading, and stockpiling of materials would be visually intrusive ◆ Long-term impacts: For the tunnel portions of the alternative, motorists' existing views of the 	<ul style="list-style-type: none"> ◆ Temporary impacts: signs of construction including heavy equipment, landscape removal, grading, and stockpiling of materials would be visually intrusive ◆ Long-term impacts: For the tunnel portions of the alternative, motorists' existing views of the 	Similar to Diamond and Circle Drive options

Elements Addressed	Alternative 1 No-Build	Alternative 2 Replace and Widen – No Detour Option	Alternative 2 Replace and Widen – Detour Option	Alternative 5 Presidio Parkway Diamond Option	Alternative 5 Presidio Parkway Circle Drive Option	Alternative 5 Presidio Parkway with the Merchant Road Slip Ramp Option ¹
		<p>of Doyle Drive would place it into view for workers, residents and recreation users in the Main Post area.</p> <p>◆Long-term impacts: The high-viaduct replacement would be removed and reconstructed closer to the Cavalry Stables and Mc Dowell Road viewpoints and would increase Doyle Drive’s visual dominance in this area.</p>	<p>aesthetics of the Presidio and adjacent neighborhoods.</p> <p>◆Long-term impacts: The high-viaduct replacement would be removed and reconstructed closer to the Cavalry Stables and Mc Dowell Road viewpoints and would increase Doyle Drive’s visual dominance in this area.</p>	<p>surrounding landscape would be completely obstructed.</p> <p>The high-viaduct replacement would be removed and reconstructed closer to the Cavalry Stables and Mc Dowell Road viewpoints and would increase Doyle Drive’s visual dominance in this area.</p>	<p>surrounding landscape would be completely obstructed.</p> <p>The high-viaduct replacement would be removed and reconstructed closer to the Cavalry Stables and Mc Dowell Road viewpoints and would increase Doyle Drive’s visual dominance in this area.</p>	
Environmental Justice						
Minority and Low-income Populations	No impact	No impact	No impact	No impact	No impact	No impact
Employment						
Employees Permanently Displaced	0	5	26	38	58	Similar to either Diamond or Circle Drive Option
Construction Labor (Average workers/year)	0	154	173	196	196	Similar to Diamond and Circle Drive options
Community Facilities and Public Services						

Elements Addressed	Alternative 1 No-Build	Alternative 2 Replace and Widen – No Detour Option	Alternative 2 Replace and Widen – Detour Option	Alternative 5 Presidio Parkway Diamond Option	Alternative 5 Presidio Parkway Circle Drive Option	Alternative 5 Presidio Parkway with the Merchant Road Slip Ramp Option ¹
Emergency Services	No impact	<ul style="list-style-type: none"> ◆ Temporary impact: delay in response times during construction ◆ No long-term impacts 	<ul style="list-style-type: none"> ◆ Temporary impact: delay in response times during construction ◆ No long-term impacts 	<ul style="list-style-type: none"> ◆ Temporary impact: delay in response times during construction ◆ No long-term impacts 	<ul style="list-style-type: none"> ◆ Temporary impact: delay in response times during construction ◆ No long-term impacts 	Similar to Diamond and Circle Drive options
Utilities	No disruption of service	No disruption of service	No disruption of service	No disruption of service	No disruption of service	Similar to Diamond and Circle Drive options
Water System	No impact	2 water mains would be relocated	2 water mains would be relocated	3 water mains would be relocated	3 water mains would be relocated	Similar to Diamond and Circle Drive options
Sewer System	No impact	No impact	No impact	<ul style="list-style-type: none"> ◆ No temporary impacts ◆ Long-term impacts: Relocation of pump station and force main ◆ Relocation of several gravity sewer and mains 	<ul style="list-style-type: none"> ◆ No temporary impacts ◆ Long-term impacts: Relocation of pump station and force main ◆ Relocation of several gravity sewer and mains 	Similar to Diamond and Circle Drive options
Stormwater System	No impact	<ul style="list-style-type: none"> ◆ No temporary impacts ◆ Long-term impacts: construction of a new stormwater interceptor 	<ul style="list-style-type: none"> ◆ No temporary impacts ◆ Long-term impacts: construction of a new stormwater interceptor 	<ul style="list-style-type: none"> ◆ No temporary impacts ◆ Long-term impacts: construction of 2 new stormwater interceptors ◆ Construction of a new outlet to the restored Tennessee Hollow 	<ul style="list-style-type: none"> ◆ No temporary impacts ◆ Long-term impacts: construction of 2 new stormwater interceptors ◆ Construction of a new outlet to the restored Tennessee Hollow 	Similar to Diamond and Circle Drive options
Power System	No impact	<ul style="list-style-type: none"> ◆ No temporary impacts ◆ Long-term impacts: relocation of high voltage 	<ul style="list-style-type: none"> ◆ No temporary impacts ◆ Long-term impacts: relocation of high voltage 	<ul style="list-style-type: none"> ◆ No temporary impacts ◆ Long-term impacts: relocation of high voltage power lines 	<ul style="list-style-type: none"> ◆ No temporary impacts ◆ Long-term impacts: relocation of high voltage power lines 	Similar to Diamond and Circle Drive options

Elements Addressed	Alternative 1 No-Build	Alternative 2 Replace and Widen – No Detour Option	Alternative 2 Replace and Widen – Detour Option	Alternative 5 Presidio Parkway Diamond Option	Alternative 5 Presidio Parkway Circle Drive Option	Alternative 5 Presidio Parkway with the Merchant Road Slip Ramp Option ¹
		power lines and underground transmission lines ◆Relocation of underground power distribution systems and the transmission line serving the Golden Gate Bridge	power lines and underground transmission lines ◆Relocation of underground power distribution systems and the transmission line serving the Golden Gate Bridge	and underground transmission lines ◆Relocation of underground power distribution systems and the transmission line serving the Golden Gate Bridge	and underground transmission lines ◆Relocation of underground power distribution systems and the transmission line serving the Golden Gate Bridge	
Natural Gas System	No impact	◆No temporary impacts ◆Long-term impacts: 2 gas lines would be relocated	◆No temporary impacts ◆Long-term impacts: 2 gas lines would be relocated	◆No temporary impacts ◆Long-term impacts: relocation of compressed natural gas fueling station ◆Relocation of existing distribution system pipelines	◆No temporary impacts ◆Long-term impacts: relocation of compressed natural gas fueling station ◆Relocation of existing distribution system pipelines	Similar to Diamond and Circle Drive options
Telecommunication System	No impact	◆No temporary impacts ◆Long-term impacts: relocation of communications ducts and associated cables	◆No temporary impacts ◆Long-term impacts: relocation of communications ducts and associated cables	◆No temporary impacts ◆Long-term impacts: relocation of communications ducts and associated cables	◆No temporary impacts ◆Long-term impacts: relocation of communications ducts and associated cables	Similar to Diamond and Circle Drive options
Land Use						
Buildings Temporarily Removed and Returned	None	None	Buildings 1182, 1183, 1184, 1185 (The four Mason Street warehouses could be temporarily removed and returned or permanently removed to accommodate the	None	None	Similar to Diamond and Circle Drive options

Elements Addressed	Alternative 1 No-Build	Alternative 2 Replace and Widen – No Detour Option	Alternative 2 Replace and Widen – Detour Option	Alternative 5 Presidio Parkway Diamond Option	Alternative 5 Presidio Parkway Circle Drive Option	Alternative 5 Presidio Parkway with the Merchant Road Slip Ramp Option ¹
			temporary detour structure).			
Buildings Permanently Removed	None	Building 1158	Buildings 605, 606, 610, 653	Buildings 201, 204, 205, 230, 231, 670, 605, 606, 1158	Buildings 201, 204, 205, 230, 231, 670, 605, 606, 1151, 1158	Buildings 1253, 1254, 1255, 1256 in addition to either Diamond or Circle Drive option
Buildings Requiring Closure During Construction	None	None	None	Building 106	Building 106	Similar to Diamond and Circle Drive options
Temporary Parking Deficiency	0 spaces	473 spaces	156 spaces	768 spaces	768 spaces	Similar to Diamond and Circle Drive options
Permanent Parking Deficiency	0 spaces	1 spaces	20 spaces	134 spaces	134 spaces	Similar to Diamond and Circle Drive options
Existing Land Use and Federal Lands	No change to land use	No change to land use	No change to land use	No change to land use	No change to land use	Similar to Diamond and Circle Drive options
Plans and Policies²						
Final General Management Plan Amendment and Environmental Impact Statement	<ul style="list-style-type: none"> ◆Would not redesign Doyle Drive as a parkway ◆Would not improve entrance into the Presidio 	<ul style="list-style-type: none"> ◆Would not redesign Doyle Drive as a parkway ◆Would not improve entrance into the Presidio 	<ul style="list-style-type: none"> ◆Would not redesign Doyle Drive as a parkway ◆Would not improve entrance into the Presidio 	Consistent	Consistent	Similar to Diamond and Circle Drive options
Presidio Trust Management Plan: Land Use Policies for Area B of the Presidio of San Francisco	<ul style="list-style-type: none"> ◆Would not provide opportunities for increased open space ◆Would not provide opportunities for implementation 	<ul style="list-style-type: none"> ◆Would not provide opportunities for increased open space ◆Would not provide opportunities for implementation of auto minimization strategies 	<ul style="list-style-type: none"> ◆Would not provide opportunities for increased open space ◆Would not provide opportunities for implementation of auto minimization strategies 	<ul style="list-style-type: none"> ◆Would be inconsistent with Balanced Use of Building Space due to permanent building removal ◆Would be inconsistent with objectives to preserve 	<ul style="list-style-type: none"> ◆Would be inconsistent with Balanced Use of Building Space due to permanent building removal ◆Would be inconsistent with objectives to preserve 	Similar to Diamond and Circle Drive options

² The summary table highlights the inconsistencies of the alternatives with the various plans and policies and unless otherwise noted, the alternatives are generally considered consistent with the plans.

Elements Addressed	Alternative 1 No-Build	Alternative 2 Replace and Widen – No Detour Option	Alternative 2 Replace and Widen – Detour Option	Alternative 5 Presidio Parkway Diamond Option	Alternative 5 Presidio Parkway Circle Drive Option	Alternative 5 Presidio Parkway with the Merchant Road Slip Ramp Option ¹
	<p>of auto minimization strategies</p> <ul style="list-style-type: none"> ◆Would not provide an open space connection between Crissy Field and other parts of the park 	<ul style="list-style-type: none"> ◆Would not provide an open space connection between Crissy Field and other parts of the park 	<ul style="list-style-type: none"> ◆Would not provide an open space connection between Crissy Field and other parts of the park ◆Would remove Commissary (Buildings 605 and 606) which is designated for reuse as a museum 	<p>historical resources in the Presidio</p> <ul style="list-style-type: none"> ◆Would not provide opportunities for implementation of auto minimization strategies 	<p>historical resources in the Presidio</p> <ul style="list-style-type: none"> ◆Would not provide opportunities for implementation of auto minimization strategies 	
Doyle Drive Task Force Report	<ul style="list-style-type: none"> ◆Inconsistent since there would be no improvements or changes to existing Doyle Drive 	<ul style="list-style-type: none"> ◆Would not redesign Doyle Drive as a parkway ◆Would not use tunnels to mitigate adverse impacts ◆Would not maximize views for park users or nearby neighborhoods 	<ul style="list-style-type: none"> ◆Would not redesign Doyle Drive as a parkway ◆Would not use tunnels to mitigate adverse impacts ◆Would not maximize views for park users or nearby neighborhoods 	<p>Consistent except views for motorists would not be improved</p>	<p>Consistent except views for motorists would not be improved</p>	<p>Similar to Diamond and Circle Drive options</p>
Letterman Complex Final Environmental Impact Statement	<p>Consistent</p>	<p>Would remove the Richardson Avenue slip ramp which will provide direct access to the Letterman Complex</p>	<p>Would remove the Richardson Avenue slip ramp which will provide direct access to the Letterman Complex</p>	<p>Consistent</p>	<p>Consistent</p>	<p>Similar to Diamond and Circle Drive options</p>
Presidio of San Francisco Vegetation Management Plan and Environmental Assessment	<ul style="list-style-type: none"> ◆Would not increase open space ◆Would not provide opportunities for restoration of wildlife habitats 	<ul style="list-style-type: none"> ◆Would not increase open space ◆Would not provide opportunities for restoration of wildlife habitats ◆Would remove approximately 2.8 	<ul style="list-style-type: none"> ◆Would not increase open space ◆Would not provide opportunities for restoration of wildlife habitats ◆Would remove approximately 2.8 	<ul style="list-style-type: none"> ◆Would remove approximately 5.3 hectares (13 acres) of tree cover ◆Would potentially disturb groundwater at the Battery tunnels 	<ul style="list-style-type: none"> ◆Would remove approximately 5.3 hectares (13 acres) of tree cover ◆Would potentially disturb groundwater at the Battery tunnels 	<p>Similar to Diamond and Circle Drive options</p>

Elements Addressed	Alternative 1 No-Build	Alternative 2 Replace and Widen – No Detour Option	Alternative 2 Replace and Widen – Detour Option	Alternative 5 Presidio Parkway Diamond Option	Alternative 5 Presidio Parkway Circle Drive Option	Alternative 5 Presidio Parkway with the Merchant Road Slip Ramp Option¹
		hectares (7 acres) of tree cover	hectares (7 acres) of tree cover			
Presidio Trails and Bikeways Master Plan & Environmental Assessment	Consistent	Consistent	Consistent	Consistent	Consistent	Similar to Diamond and Circle Drive options
Environmental Assessment Crissy Field Plan	Consistent	Consistent	Consistent	Consistent	Consistent	Similar to Diamond and Circle Drive options
San Francisco Bay Plan	Would not improve connections to the Presidio and Crissy Field	Would not improve connections to the Presidio and Crissy Field	Would not improve connections to the Presidio and Crissy Field	Consistent	Consistent	Similar to Diamond and Circle Drive options
San Francisco General Plan	Inconsistent with Environmental Protection Element, Recreation and Open Space Element, and Transportation Element	Inconsistent with Environmental Protection Element and Recreation and Open Space Element. Partially inconsistent with the Transportation Element because it does not minimize conflicts with scenic values	Inconsistent with Environmental Protection Element and Recreation and Open Space Element. Partially inconsistent with the Transportation Element because it does not minimize conflicts with scenic values	Inconsistent with policies to preserve landmarks and historic buildings Consistent with Transportation Element	Inconsistent with policies to preserve landmarks and historic buildings Consistent with Transportation Element	Similar to Diamond and Circle Drive options
San Francisco Local Approvals	No local approvals required	No local approvals required	No local approvals required	Would require local approvals	Would require local approvals	Similar to Diamond and Circle Drive options
Future Restored Tennessee Hollow Study	Would not increase shade found under the viaduct. Would not constrain use of Tennessee	Would increase shade under the viaduct by 22 percent. Would not constrain use of Tennessee Hollow as wildlife corridor	Would increase shade under the viaduct by 18 percent. Would not constrain use of Tennessee Hollow as wildlife corridor	Would reduce the amount of full shade under the viaduct by 5 percent but due to low Height:Width ratio, no vegetation would establish. Would not	Would reduce the amount of full shade under the viaduct by 5 percent but due to low Height:Width ratio, no vegetation would establish.	Similar to Diamond and Circle Drive options

Elements Addressed	Alternative 1 No-Build	Alternative 2 Replace and Widen – No Detour Option	Alternative 2 Replace and Widen – Detour Option	Alternative 5 Presidio Parkway Diamond Option	Alternative 5 Presidio Parkway Circle Drive Option	Alternative 5 Presidio Parkway with the Merchant Road Slip Ramp Option¹
	Hollow as wildlife corridor for terrestrial wildlife although some birds would be unlikely to pass through	for terrestrial wildlife although some birds would be unlikely to pass through	for terrestrial wildlife although some birds would be unlikely to pass through	constrain use of Tennessee Hollow as wildlife corridor for terrestrial wildlife although some birds would be unlikely to pass through	Would not constrain use of Tennessee Hollow as wildlife corridor for terrestrial wildlife although some birds would be unlikely to pass through	

SECTION 1: INTRODUCTION

This report presents results of the Community Impact Assessment (CIA) conducted for the South Access to the Golden Gate Bridge - Doyle Drive Project (Doyle Drive Project). The report addresses social, economic, public services, and land use impacts in the project study area. The findings of the Community Impact Assessment will be incorporated into the environmental document prepared for the Doyle Drive Project, as required to meet National Environmental Policy Act of 1969 (NEPA) and California Environmental Quality Act of 1970 (CEQA) standards.

1.1 PROJECT DESCRIPTION

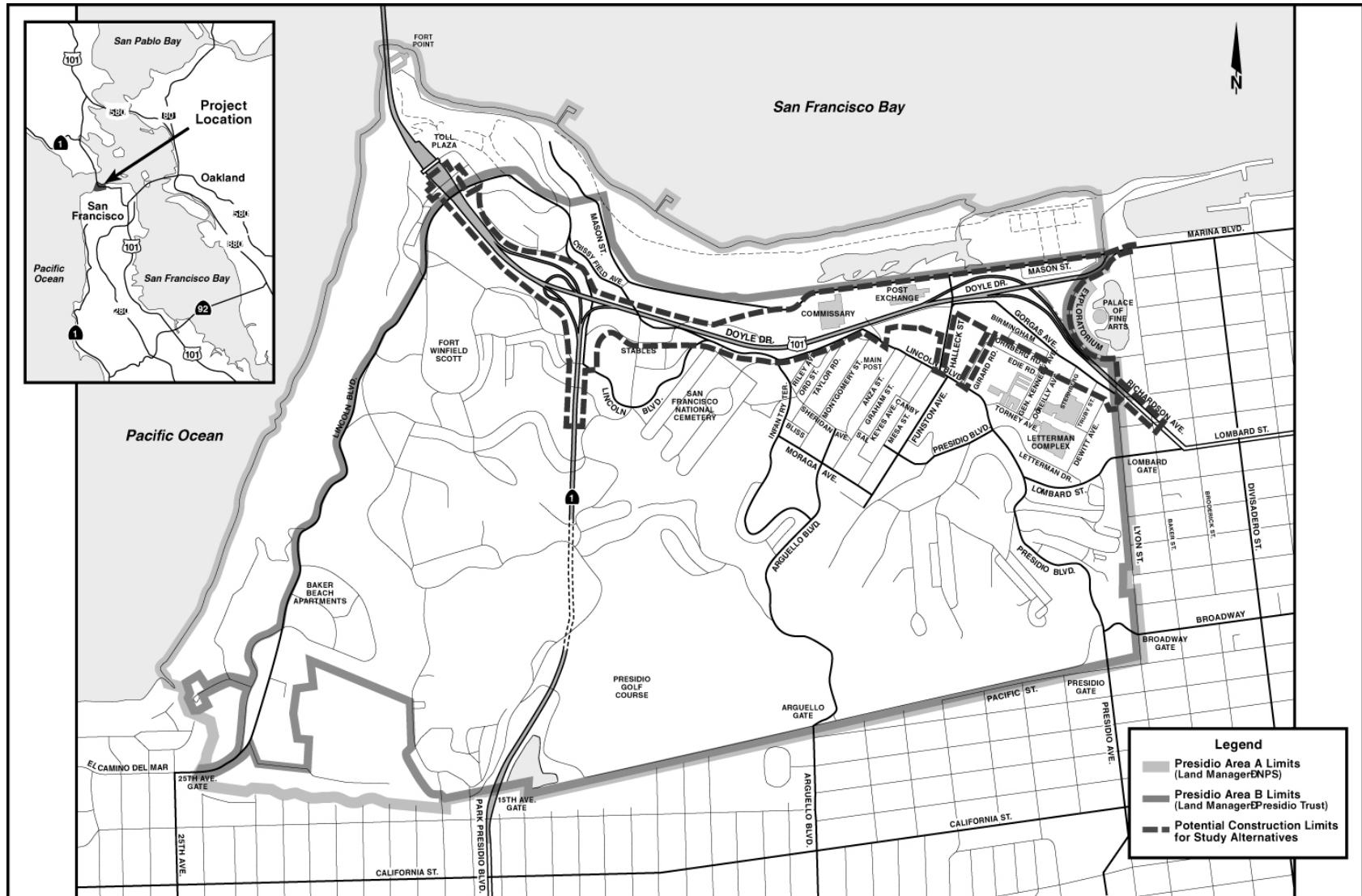
Doyle Drive is located in the Presidio of San Francisco (the Presidio), in the northern part of the City of San Francisco at the southern approach to the Golden Gate Bridge (see Figure 1-1). In 1994, when the U.S. Army transferred jurisdiction of the Presidio to the National Park Service (NPS), it became part of the National Park System and Golden Gate National Recreation Area (GGNRA). In 1998, management of the Presidio was divided between two Federal agencies: The Presidio Trust (the Trust), the agency responsible for oversight of 80 percent of the Presidio delineated as Area B; and the NPS, which is responsible for management of the coastal portions of the park (the remaining 20 percent) that are delineated as Area A. Doyle Drive lies predominately within the Area B lands managed by the Trust with a small portion at the western end located in Area A on land operated by the Golden Gate Bridge, Highway and Transportation District (GGBHTD). The Presidio has also been designated a National Historic Landmark District (NHLD) since 1962 with the Doyle Drive roadway determined to be a contributing element to that landmark.

Doyle Drive, the southern approach of U.S. 101 to the Golden Gate Bridge, is 2.4 kilometers (1.5 miles) long with six traffic lanes. There are three San Francisco approach ramps which connect to Doyle Drive: one beginning at the intersection of Marina Boulevard and Lyon Street; one at the intersection of Richardson Avenue and Lyon Street; and one where Park Presidio Boulevard (State Route 1) merges into Doyle Drive approximately 1.6 kilometers (one mile) west of the Marina Boulevard approach (see Figure 1-1). Doyle Drive passes through the Presidio on an elevated concrete viaduct (low-viaduct) and transitions to a high steel truss viaduct (high-viaduct) as it approaches the Golden Gate Bridge Toll Plaza.

Doyle Drive is nearly 70 years old and it is approaching the end of its useful life, although regular maintenance, seismic retrofit, and partial rehabilitation activities are keeping the structure safe in the short term. However, further structural degradation caused by age and the effects of heavy traffic and exposure to salt air will cause the structures to become seismically and structurally unsafe in the coming years. In addition, the eastern portion of the aging facility is located in a potential liquefaction zone identified on the State of California Seismic Hazard Zones map dated August 2000.

Currently, Doyle Drive has nonstandard design elements, including travel lanes from 2.9 to 3.0 meters (9.5 to 10.0 feet) in width, no fixed median barrier, no shoulders and exit ramps that have tight turning radii. During peak traffic hours, plastic pylons are manually moved to provide a median lane as well as to reverse the direction of traffic flow of several lanes (Project Study Report: Doyle Drive Reconstruction, 1993).

**FIGURE 1-1
PROJECT LOCATION**



1.1.1 Project Purpose

The purpose of the Doyle Drive Project is to replace Doyle Drive in order to improve the seismic, structural, and traffic safety of the roadway within the setting and context of the Presidio of San Francisco and its purpose as a National Park.

1.1.2 Alternatives Development

Scoping meetings were held in San Francisco and San Rafael in March 2000. One of the purposes of scoping was to receive input to identify the broad range of alternatives. Based on past studies, other information collected and analyzed during the project initiation, and scoping comments a range of preliminary alternatives were developed by sponsoring agencies and consultant staff for the Doyle Drive Project. These alternatives represented potential transportation solutions to the need identified in the Doyle Drive corridor. The planning horizon year for the Doyle Drive Project is the year 2030.

The alternatives and options include a range of improvements from no-build to retrofit of the existing facility to the replacement of the facility with new construction between the Park Presidio Interchange and new Presidio access. The build alternatives for the Doyle Drive Project were developed with input from the scoping process and reflect the parkway concept that evolved from previous studies. After the initial screening analysis was conducted and various design options were refined, six alternatives were selected for further consideration. These alternatives included a no-build alternative, an alternative to replace and widen the existing roadway and four tunnel alternatives, including two long tunnel options and two short tunnel options. The six alternatives were analyzed and presented in the Administrative Draft Environmental Impact Statement/Environmental Impact Report (DEIS/DEIR). The Administrative DEIS/DEIR was issued by the San Francisco County Transportation Authority (SFCTA) for review by the Federal Highway Administration (FHWA) and cooperating agencies (The Presidio Trust and the National Park Service) in June 2002.

Subsequent to the review of the Administrative DEIS/DEIR, an additional alternative was brought forward and a feasibility study was conducted. The feasibility study performed by ARUP (Doyle Drive SPUR Alternative Feasibility Study) was completed in October 2003. Based on the results of the feasibility study, the project team determined that the additional alternative, the Presidio Parkway Alternative (Alternative 5), should be added to the list of existing alternatives for more detailed study. The alignment and design features of the Presidio Parkway Alternative conform to the original design scheme presented by Michael Painter. The alternative would create a parkway-like feeling with a wide landscaped median and grade separation of north and southbound lanes. It would preserve key historical and cultural resources and it would preserve as much open space as possible within the Presidio. The shorter tunnel segments would provide significant construction and operational savings versus the long tunnel alternatives. The need for a detour structure would be eliminated by using the existing roadway while the new southbound route is constructed. Overall, the Presidio Parkway Alternative would greatly reduce both the engineering and maintenance costs as well as decrease the environmental impacts within the Presidio.

Upon further review of the Presidio Parkway Alternative and comparisons with the existing alternatives, the project team recommended to the SFCTA the withdrawal of Alternatives 3b, 4a, and 4b from further consideration and detailed analysis in the Doyle Drive DEIS/DEIR in October 2003. In November 2003, the project team recommended to the Doyle Drive Executive Committee that Alternative 3a also be removed from further consideration and analysis in the DEIS/DEIR. The comparison determined that the Presidio Parkway Alternative would provide all the benefits and functions of Alternatives 3a, 3b, 4a, and 4b with less cost, duration and environmental impact.

A public meeting was held in February 2004 to inform the public of the decision to drop Alternatives 3a, 3b, 4a, and 4b while adding the Presidio Parkway Alternative. The meeting presented the reasons for the decision and allowed the public an opportunity to talk with members of the project team about various aspects of the project and provide verbal and written comments. The project team also met with various

neighborhood and stakeholder groups to present the decision to drop Alternatives 3a, 3b, 4a, and 4b and add the Presidio Parkway Alternative.

1.1.3 Project Alternatives

This section describes the build alternatives in terms of physical and operating characteristics and a No-Build Alternative. As shown in Figure 1-1, the project limits are from Merchant Road, just south of the Golden Gate Bridge Toll Plaza, to the intersection of Richardson Avenue/Francisco Street and Marina Boulevard/Lyon Street. During the screening process, all alternatives were evaluated for their ability to meet the project's Purpose and Need. Detailed drawings showing the plan and profile of each alternative in addition to the various design options can be found in Appendix A.

The alternatives being carried forward for further analysis in this document and the DEIS/DEIR include:

- Alternative 1: No-Build Alternative
- Alternative 2: Replace and Widen Alternative
- Alternative 5: Presidio Parkway Alternative

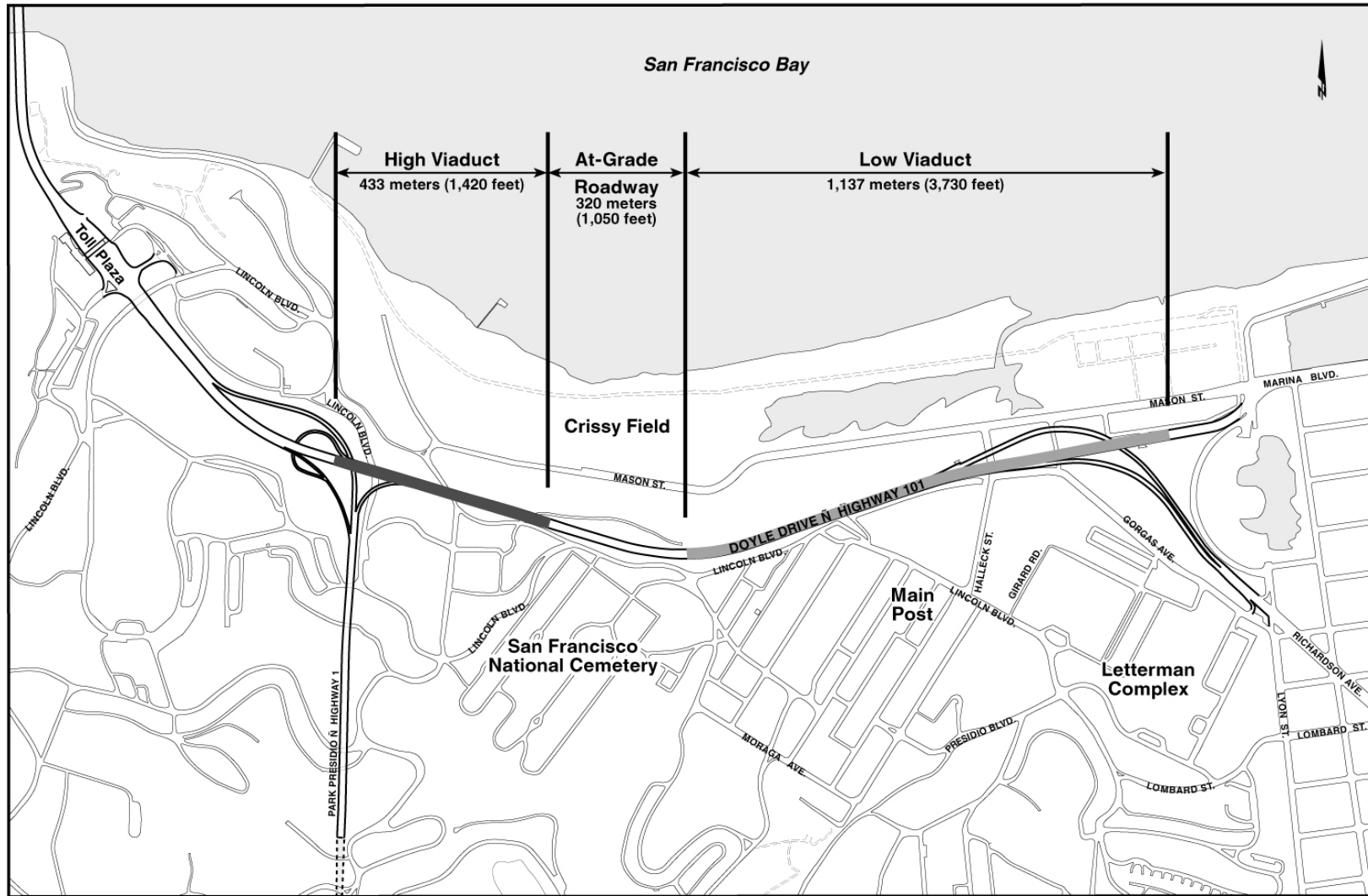
Alternative 1: No-Build Alternative

The No-Build Alternative represents the future year conditions if no other actions are taken in the study area beyond what is already programmed by the year 2020. It is the baseline condition and future travel conditions against which all other alternatives are compared. Doyle Drive would remain in its current configuration (i.e., "No-Build"): 2.4 kilometers (1.5 miles) long with six traffic lanes ranging in width from 2.9 to three meters (9.5 to ten feet) wide (see Figure 1-2). No fixed median barriers or shoulders currently existing on Doyle Drive, and the roadway passes through the Presidio on one high steel truss viaduct and one low elevated concrete viaduct with lengths of 463 meters (1,519 feet) and 1,137 meters (3,730 feet), respectively. The height of the high-viaduct varies from twenty to 35 meters (66 to 115 feet) above the ground surface while the low viaduct has an average of eight meters (26 feet) above existing ground surface.

Vehicular access to the Presidio is available from Doyle Drive via the off-ramp to Merchant Road at the Golden Gate Bridge Toll Plaza. Presidio access at the east end of the project will be provided for southbound traffic via a right turn from Richardson Avenue to Gorgas Avenue. Presidio access for northbound traffic is provided by a slip ramp from Richardson Avenue to Gorgas Avenue.

This alternative considers those operational and safety improvements that have been planned and programmed to be implemented by the year 2020. This alternative is required of all federal and state planning guidelines. The No-Build Alternative does not improve the seismic, structural, and traffic safety of the roadway.

**FIGURE 1-2
ALTERNATIVE 1: NO-BUILD**



Alternative 2: Replace and Widen Alternative

The Replace and Widen Alternative would replace the 463-meter (1,519-foot) long high-viaduct and the 1,137-meter (3,730-foot) long low-viaduct with wider structures that meet the most current seismic and structural design standards (see Figure 1-3). The height of the high-viaduct would vary from twenty to 35 meters (66 to 115 feet) above the ground surface. The low-viaduct would have an average height of approximately ten meters (33 feet) for the No Detour Option and approximately eight meters (26 feet) for the Detour Option. The new facility would be replaced on the existing alignment and widened to incorporate improvements for increased traffic safety.

This alternative would include either six 3.6-meter (12-foot) lanes and a 3.6-meter (12-foot) eastbound auxiliary lane with a fixed median barrier or six 3.6-meter (12-foot) lanes with a moveable median barrier. The new facility would have an overall width of 38.0 meters (124 feet). Both options would include continuous 3.0-meter shoulders along the facility. The fixed median barrier option would require localized lane width reduction to 3.3 meters (11 feet) to avoid impacts to the historic batteries and Lincoln Boulevard, reducing the facility width to 32.4 meters (106 feet). At the Park Presidio interchange, the two ramps connecting eastbound Doyle Drive to Park Presidio Boulevard and the ramp connecting westbound Doyle Drive to southbound Park Presidio Boulevard would be reconfigured to accommodate the wider facility. The Replace and Widen Alternative would operate similar to the existing facility except that there would be a median barrier and shoulders to accommodate disabled vehicles. The Replace and Widen Alternative includes two options for the construction staging:

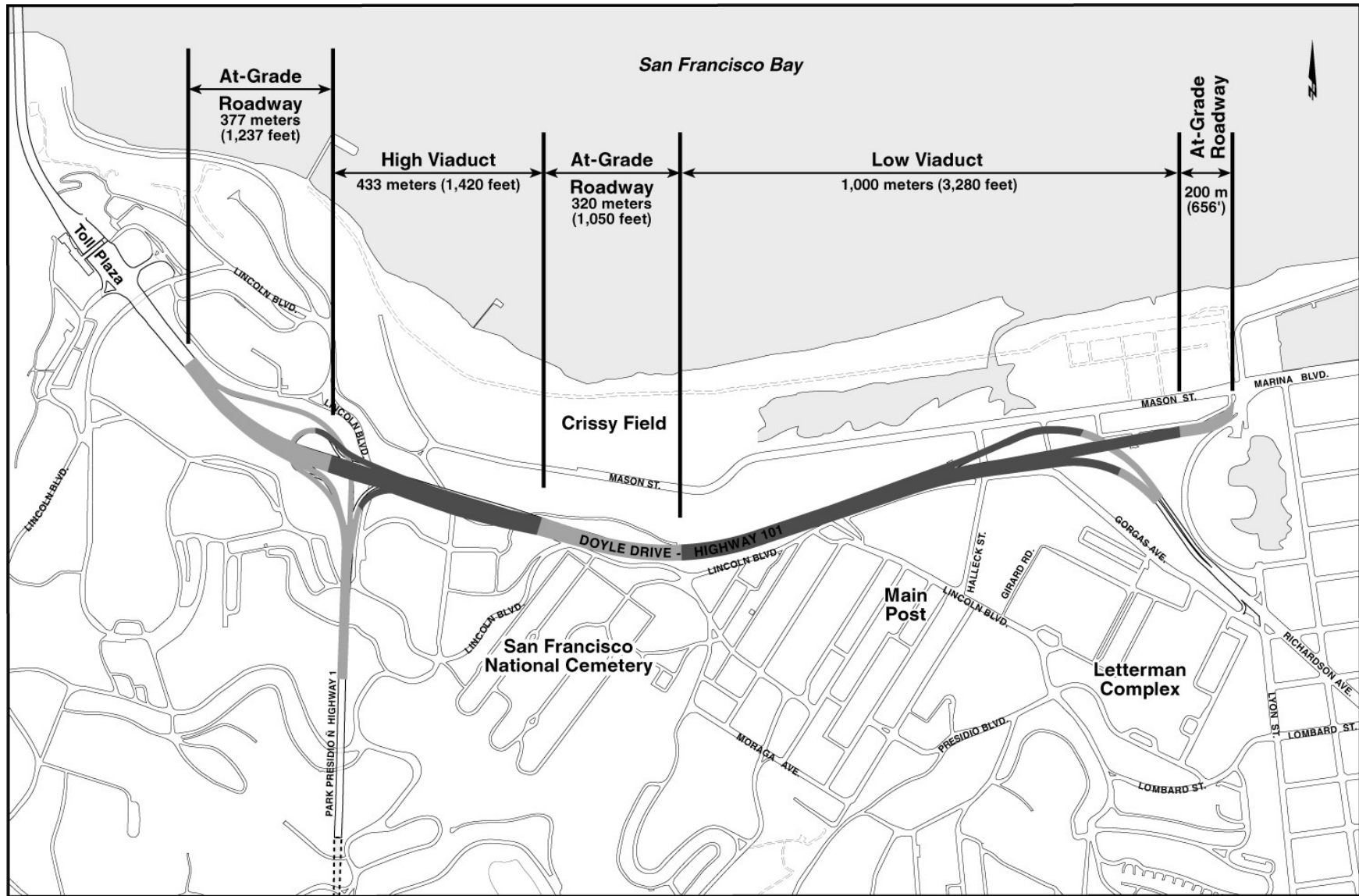
No Detour Option – The widened portion of the new facility would be constructed on both sides and above the existing low-viaduct and would maintain traffic on the existing structure. Traffic would be incrementally shifted to the new facility as it is widened over the top of the existing structure. Once all traffic is on the new structure, the existing structure would be demolished and the new portions of the facility would be connected. To allow for the construction staging using the existing facility, the new low-viaduct would be constructed two meters (six feet) higher than the existing low-viaduct structure.

With Detour Option - A 20.4-meter (67-foot) wide temporary detour facility would be constructed to the north of the existing Doyle Drive to maintain traffic through the construction period. Access to Marina Boulevard during construction would be maintained on an elevated temporary structure south of Mason Street. On and off ramps for the mainline detour facility would connect to existing Marina Boulevard/Lyon Street intersection.

Vehicular access to the Presidio is available from Doyle Drive via the on- and off-ramps to Merchant Road at the Golden Gate Bridge Toll Plaza. Presidio access at the east end of the project will be provided for southbound traffic via a right turn from Richardson Avenue to Gorgas Avenue. There would be no Presidio access for northbound traffic at the east end of Doyle Drive due to geometric constraints and concerns for traffic safety.

Retaining walls would be required at the Park Presidio interchange to accommodate the ramp realignments. A retaining wall would also be constructed on the south side of the facility along the constrained section between the National Cemetery and the historic batteries.

**FIGURE 1-3
ALTERNATIVE 2: REPLACE AND WIDEN**



Alternative 5: Presidio Parkway Alternative

The Presidio Parkway Alternative would replace the existing facility with a new six-lane facility and an eastbound auxiliary lane, between the Park Presidio interchange and the new Presidio access at Girard Road. (See Figure 1-4) The new facility would consist of two 3.3-meter (11 foot) lanes and one 3.6-meter (12 foot) outside lane in each direction with 3.0-meter outside shoulders and 1.2-meter inside shoulders. In addition, a 3.3-meter (11 foot) auxiliary lane runs along southbound Doyle Drive from the Park Presidio Interchange to the Girard Road exit ramp. The width of the proposed landscaped median varies from 5.0 meters (16 feet) to 12.5 meters (41 feet). To minimize impacts to the park, the footprint of the new facility would include a large portion of the existing facility's footprint east of the Park Presidio interchange.

A 450-meter (1,476-foot) long high-viaduct would be constructed between the Park Presidio interchange and the San Francisco National Cemetery. The height of the high-viaduct would vary from twenty to 35 meters (66 to 115 feet) above the ground surface. Shallow cut-and-cover tunnels would extend 240 meters (787 feet) past the cemetery to east of Battery Blaney. The facility would then continue towards the Main Post in an open depressed roadway with a wide heavily landscaped median.

From Building 106 (Band Barracks) cut-and-cover tunnels up to 310 meters long (984 feet) would extend to east of Halleck Street. The amount of fill over the tunnels is being coordinated with the Trust based on requirements of the Vegetation Management Plan. The expected minimum depth is two meters (6 feet). The facility would then rise slightly on a low level causeway 160 meters (525 feet) long over the site of the proposed Tennessee Hollow restoration and a depressed Girard Road. The low causeway would rise to approximately four meters (13 feet) above the surrounding ground surface at its highest point. East of Girard Road the facility would return to existing grade north of the Gorgas warehouses and connect to Richardson Avenue. The proposed facility would provide a transition zone starting from the Main Post tunnel to reduce vehicle speeds prior to entering city streets. A motor control and switch gear room to operate the tunnel life safety equipment would be integrated with the Main Post tunnels.

The Presidio Parkway Alternative would include an underground parking facility up to four meters (12 feet) deep at the eastern end of the alignment between the Mason Street warehouses and Gorgas Street warehouses. The parking garage would supply approximately 500 spaces to maintain the existing parking supply in the area and improve pedestrian and vehicular access between the Presidio and the Palace of Fine Arts.

Merchant Road Option - At the intersection with Merchant Road, just east of the toll plaza, a design option has been developed for a Merchant Road slip ramp. This option would provide an additional new connection from westbound Doyle Drive to Merchant Road. This ramp would provide direct access to the Golden Gate Visitors' Center and alleviate the congested weaving section where northbound Park Presidio Boulevard merges into Doyle Drive.

The Park Presidio interchange would be reconfigured due to the realignment of Doyle Drive to the south. The exit ramp from eastbound Doyle Drive to southbound Park Presidio Boulevard would be replaced with standard exit ramp geometry and widened to two lanes. The loop of the westbound Doyle Drive exit ramp to southbound Park Presidio Boulevard would be improved to provide standard exit ramp geometry. The northbound Park Presidio Boulevard connection to westbound Doyle Drive would be realigned to provide standard entrance ramp geometry. There are two options for the northbound Park Presidio Boulevard ramp to an eastbound Doyle Drive connection:

Loop Ramp Option - Replace the existing ramp with a loop ramp to the left to reduce construction close to the Cavalry Stables and provide standard entrance and exit ramp geometry.

Hook Ramp Option - Rebuild the ramp with a similar configuration as the existing directional ramp with a curve to the right and improved exit and entrance geometry.

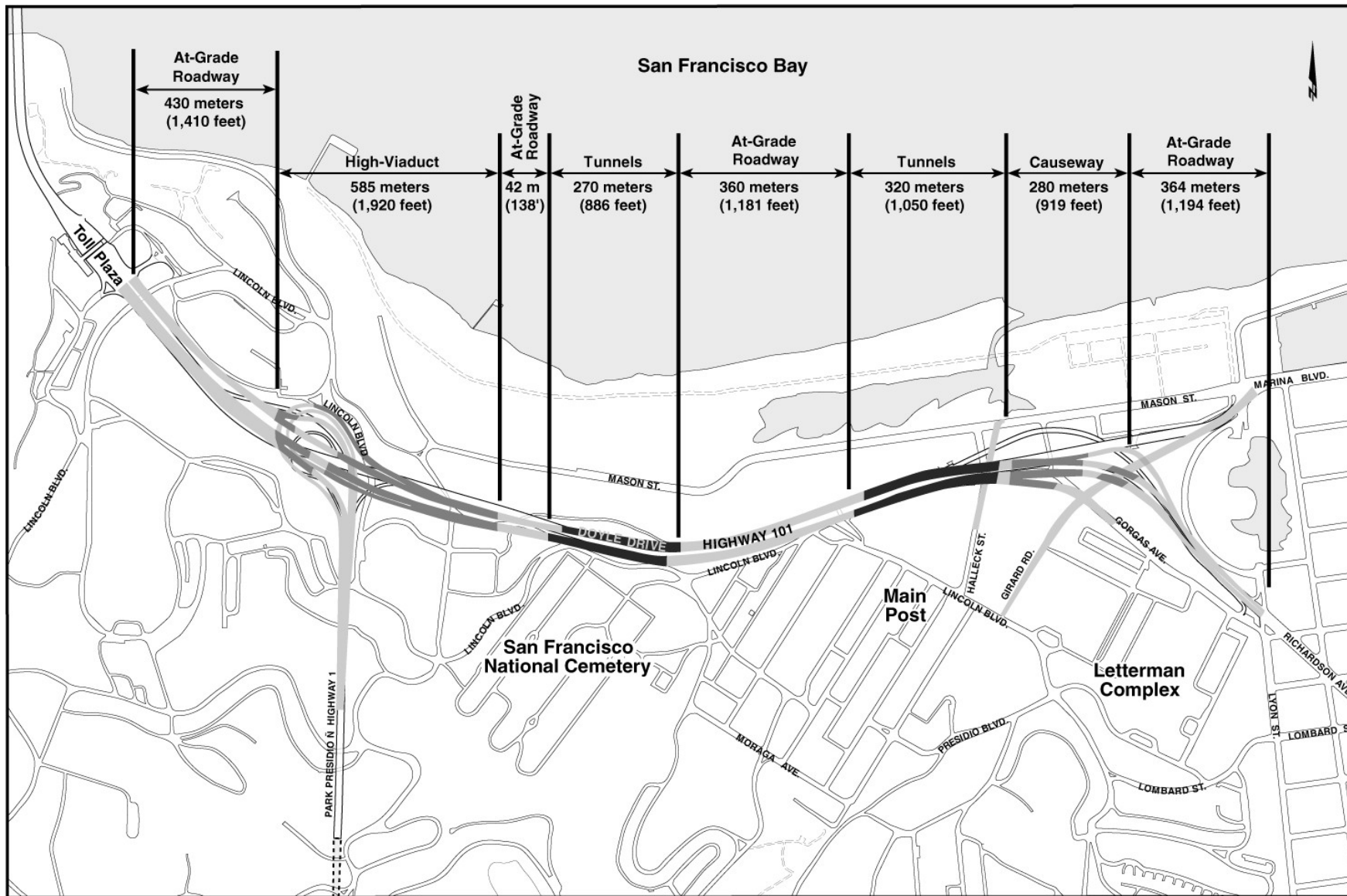
The Presidio Parkway Alternative includes two options for direct access to the Presidio and Marina Boulevard at the eastern end of the project:

Diamond Option – The Diamond option would provide direct access to the Presidio and indirect access to Marina Boulevard in both directions via access ramps from Doyle Drive connecting to an extension of Girard Road. East of the new Letterman garage, Gorgas Avenue is a one-way street and connects to Richardson Avenue with access to Palace Drive via a signalized intersection at Lyon Street.

Circle Drive Option – This option would provide direct access to the Presidio and indirect access to Marina Boulevard for eastbound traffic via access ramps connecting to an extension of Girard Road. Westbound traffic from Richardson Avenue would access the Presidio through a jug handle intersection to Gorgas Avenue.

Retaining walls would be required at the Park Presidio interchange to accommodate the reconstruction of the ramps. A retaining wall up to eight meters (26 feet) would be constructed along the south side of the facility between the Battery and Main Post tunnels. Retaining walls would also be required in the eastern end of the alignment primarily along the extended Girard Road. Fences would be required along the edge of the at-grade portions of the roadway to restrict pedestrian access onto the roadway.

**FIGURE 1-4
ALTERNATIVE 5: PRESIDIO PARKWAY**



1.2 DOCUMENT ORGANIZATION

The Community Impact Assessment report is organized as follows. Section 2 describes the approach for preparing the Community Impact Assessment, including the methodology for analysis of existing conditions and project impacts. Section 3 describes existing conditions in the project study area, including socio-economic conditions, existing community facilities and public services, and existing land use patterns. Section 4 describes impacts, including temporary construction impacts and long-term operational impacts associated with each project alternative and a discussion of the project alternatives consistency with relevant plans and policies pertaining to the study area. Section 4 also includes a discussion of CEQA significance. Section 5 discusses cumulative impacts of the Doyle Drive Project in conjunction with other construction projects that may occur during the same time period. Section 6 lists the persons and agencies contacted in preparing this report. And Section 7 provides a list of references used for this report.

1.3 COMPLIANCE WITH LAWS AND REGULATIONS

Several Federal and state laws were identified as being relevant to the Doyle Drive Project. Many of the laws and regulations are specific to various natural resources. Discussion of those laws would be available in the other resource technical reports being prepared as part of the Doyle Drive Project. Compliance with those laws and regulations concerning the community and land use is briefly discussed below.

Americans with Disabilities Act (ADA) of 1990 – Outlines the Federal guidelines and accessibility requirements for disabled access to parking facilities, pathways and buildings. All new facilities associated with the Doyle Drive Project would be in full compliance with the ADA.

The National Historic Preservation Act of 1966 - Doyle Drive has been identified as a contributing structure to the Presidio of San Francisco's NHLD status and as a contributing structure in the draft Golden Gate Bridge District National Historic Landmark nomination. This status requires that all plans and future designs balance improvements in safety with the protection of the NHLD and compliance with Section 106 and 110(f) of the National Historic Preservation Act. Construction of a new Doyle Drive would be done in accordance with Section 106.

National Environmental Policy Act of 1969 (NEPA) – requires all Federal agencies to assess the environmental impacts of proposed projects and disclose the impacts of the project to the public in order to promote efforts which will prevent or eliminate damage to the environment. The President's Council on Environmental Quality was established to oversee NEPA for all Federal agencies. Following the guidelines of NEPA, this Community Impact Assessment has been prepared in order to document the impacts of the proposed project on the environment.

California Environmental Quality Act of 1970 (CEQA) (Public Resources Code §21000 et seq.) – requires California public agencies to identify the significant environmental effects of their actions, and either avoid those significant environmental effects, where feasible, or mitigate those significant environmental effects, where feasible. This Community Impact Assessment has been prepared following CEQA guidelines in order to document the potential significant impacts of the project on the environment.

Executive Order No. 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (1994) – directs Federal agencies to “promote nondiscrimination in Federal programs substantially affecting human health and the environment, and provide minority and low-income communities’ access to public information on, and an opportunity for public participation in, matters relating to human health or the environment.” The order directs agencies to use existing law to ensure that when they act:

- They do not discriminate on the basis of race, color, or national origin.

- They ensure public participation.
- They identify and address disproportionately high and adverse human health or environmental effects of their actions on minority and low-income populations.

Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended – this law provides important protections and assistance for people affected by Federally funded projects. It was enacted by Congress to ensure that people whose real property is acquired, or who move as a result of projects receiving Federal funds, will be treated fairly and equitably and will receive assistance in moving from the property they occupy. Direct property acquisition under the Doyle Drive Project alternatives would require implementation of this Act providing for relocation assistance services to affected homeowners, renters, and tenant businesses. In addition, this Act requires that residential and commercial property owners be paid fair market value of any property acquired as a result of the project.

Presidio Trust Act, as amended (16 U.S.C. § 460bb appendix) – gives authority and responsibility to the Presidio Trust to manage the Presidio’s (Area B) significant natural, historic, scenic, cultural, and recreational resources in a manner which is consistent with sound principles of land use planning and management, and to protect Area B from development and uses which would destroy the scenic beauty and historic and natural character of the area and cultural and recreational resources.

McAteer-Petris Act(California Government Code 66600-66682) of 1965, as amended - provides statutory authority to the state to establish water-oriented priority use areas, including water-oriented recreation and public assembly as further articulated in San Francisco Bay Plan policies that describe how this authority should be exercised within priority use areas.

Title VI of the Civil Rights Act of 1964 and related statutes – prohibits discrimination on the basis of race, color, and national origin in programs and activities receiving Federal financial assistance. Direct property acquisition under the Doyle Drive Project alternatives would require implementation of this Act along with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970.

Section 4(f) of the Department of Transportation Act of 1966 (49 USC 303) - Before use of any parkland can be approved for a transportation project, this law requires a determination that no feasible and prudent alternative route exists outside of such parklands, and incorporation of all possible planning to minimize harm to parklands, recreation areas, wildlife and waterfowl refuge, or any significant historic site. The Doyle Drive Project would be in compliance with Section 4(f) guidelines. A separate Section 4(f) analysis will be provided in the DEIS/DEIR.

The Secretary of Transportation may approve a transportation program or project requiring the use of publicly owned land of a public park, recreation area or wildlife and waterfowl refuge, or land of an historic site of national, State, or local significance (as determined by the Federal, State, or local officials having jurisdiction over the park, recreation area, refuge, or site) only if:

1. There is no prudent and feasible alternative to using that land; and
2. The program or project includes all possible planning to minimize harm to the park, recreation area, wildlife and waterfowl refuge, or historic site resulting from the use.

1.4 PUBLIC OUTREACH

The requirements of Title VI of the Civil Rights Act of 1964 were addressed by a community participation program for the Doyle Drive Project. Extensive community access to information, and opportunities to participate have been provided throughout the project formulation, planning, selection, and development processes. This access has been provided through the Public Involvement Program for the Doyle Drive Project. The Public Involvement Program provides a variety of communication channels to help the public to understand the current scope of the project, including its impacts and benefits. It solicits input and feedback

from the public as to their specific needs, issues, concerns and recommendations. Key features of the Public Involvement Program include stakeholders meetings; Project newsletters/Fact Sheets; Project Website; Citizens Advisory Committee; Community Workshops/Presentations; Public Hearings; and Media Relations.

The formal scoping process for this project began with a Notice of Intent (NOI) published in the Federal Register on February 16, 2000 and a Notice of Preparation (NOP) issued by SFCTA on February 23, 2000. Notification was also conducted by mailing a notice to a mailing list containing over 2,000 entries for agencies, elected officials, interested parties and property owners in the project area, placing newspaper ads in the San Francisco Chronicle and the Marin Independent Journal, and sending a press release to area newspaper and media outlets. An agency scoping meeting was held on March 3, 2000 at the SFCTA office in San Francisco, and public open houses were held on March 14 and 15, 2000 (one in the Presidio and one in San Rafael). GGNRA held an additional scoping meeting on March 21, 2000 in Fort Mason. Comments were accepted on the scope of the environmental studies. An additional public meeting was held on February 23, 2004 to update the public on the project's progress and gather input on screening out additional alternatives prior to preparing the DEIS/DEIR.

Comments gathered at the public meetings, on the project website and at the Citizens Advisory Committee meetings indicate that the public is primarily concerned with the visual impacts of a potential replacement of Doyle Drive. The public was concerned with how the facility would fit in with the existing environment. As a result, refinements were made to existing alternatives and additional alternatives were developed in response to these and other community concerns. Other comments have been made in reference to the traffic patterns in the Marina, the cost of a replacement structure, minimizing the impacts to historic buildings, and coordination with other projects in and around the Presidio.

SECTION 2: METHODOLOGY

This section describes the methodology used for conducting the Community Impact Assessment for the Doyle Drive Project. The Community Impact Assessment addresses the potential effects of the Doyle Drive Project on the people and neighborhoods within the vicinity of the project. The Community Impact Assessment addresses a number of issues that are organized into two broad categories: the community profile and the land use profile.

The community profile includes information such as population, ethnicity, and housing; environmental justice; employment and economic conditions; fiscal conditions; and community facilities and public services. The land use profile includes land use patterns, Federal lands, development trends, and adopted land use and transportation goals and policies throughout the project area. The approach for the Community Impact Assessment includes an inventory of existing conditions and an evaluation of potential impacts of the project. In addition, the Community Impact Assessment includes a discussion of significance criteria and findings based on the guidelines of the California Environmental Quality Act of 1970 (CEQA).

The design year for the analysis is 2030, and the methodology follows guidelines provided by the California Department of Transportation (Caltrans) Environmental Handbook Volume 4 – Community Impact Assessment (June 1997), and by the U.S. Department of Transportation and FHWA Community Impact Assessment: A Quick Reference for Transportation (September 1996).

2.1 COMMUNITY PROFILE

Various socioeconomic characteristics were analyzed for the Doyle Drive Project at the census tract, county, and regional level. The characteristics analyzed include population, housing and households, age, ethnicity, employment and income. Environmental justice (EJ) considerations were also analyzed. The demographic information utilized in this analysis is primarily based on the 1990 and 2000 U.S. Census, along with data from the Association of Bay Area Governments (ABAG) and the Metropolitan Transportation Commission (MTC). Data projections and estimates for the year 2030 are from a report by ABAG, Projections 2003: Forecasts for the San Francisco Bay Area to the Year 2030 (June 2003), the biennial forecast of population, housing, employment, jobs and income for the nine-county San Francisco Bay Region. A report by the MTC, Vehicle Ownership Forecasts for the San Francisco Bay Area 1990-2020 (July 2000) provided data on household automobile ownership throughout the Bay Area. Some data specific to the Presidio was provided by The Presidio Trust.

The study area is comprised of the Presidio (census tract 0601), and the 16 surrounding tracts where project related effects might occur (see Figure 3-1). This includes the footprint of all project alternatives and the construction zone area and the adjacent neighborhoods which include the Marina, Cow Hollow, Pacific Heights, and Richmond districts.

The environmental justice analysis was prepared following Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (1994). The methodology was based on FHWA Order 6640.23. Ethnic and racial minority and low-income population groups in the affected community were identified in this report using 1990 and 2000 U.S. Census data that describe racial and income data, and significant project impacts that disproportionately affect these groups, if any, were evaluated.

As defined in Executive Order 12898 and subsequent agency guidance, the term “minority” includes any individual who is an American Indian or Alaskan Native, Asian or Pacific Islander (including Native Hawaiian), Black/African American (not of Hispanic origin), or Hispanic/Latino. The term “low-income” is defined in accordance with Executive Order 12898 and agency guidance as a person with household income at or below the Department of Health and Human Services (HHS) poverty guidelines (California Department

of Transportation, Desk Guide: Environmental Justice in Transportation Planning and Investments, January 2003).

Minority and low-income populations were identified when (a) the minority or low-income population of the affected area exceeded 50 percent or (b) the minority or low-income population percentage of the affected area is meaningfully greater than the minority or low-income population percentage in the general population. For the purposes of this analysis, this difference was assumed to be more than ten percentage points. The study area for environmental justice analyses included U.S. Census Tracts within the project study area and adjacent tracts in which direct access patterns may be modified. The minority and low-income populations within these census tracts were compared to the City and County of San Francisco and the Bay Area as a whole.

2.2 LAND USE PROFILE

The study area for the land use and Federal lands analysis includes the footprint of all project alternatives including any construction staging areas, equipment storage/laydown areas, and temporary detour routes in the Presidio and portions of adjacent neighborhoods (see Figure 1-1). The inventory of existing land uses was based on information provided in the Presidio Trust Management Plan (PTMP). The analysis of land use impacts primarily focused on the effects to buildings and parking within the Presidio and the potential effects to the existing and future land use patterns of the designated planning areas.

The existing regulatory setting of the study area was documented by reviewing existing adopted land use plans that pertain to the Doyle Drive Project study area. The project alternatives were evaluated for their consistency with the various plans and policies. Plans and policy documents that were reviewed included:

- Final General Management Plan Amendment and Environmental Impact Statement (GMPA)
- Presidio Trust Management Plan: Land Use Policies for Area B of the Presidio of San Francisco (PTMP)
- Report of the Doyle Drive Task Force to the San Francisco Board of Supervisors: A Scenic Parkway for the Park (Doyle Drive Task Force Report)
- Final Environmental Impact Statement and Planning Guidelines for New Development and Uses on 23 Acres within the Letterman Complex (Letterman Complex EIS)
- Presidio of San Francisco Vegetation Management Plan and Environmental Assessment (VMP)
- Presidio Trails and Bikeways Master Plan & Environmental Assessment
- San Francisco Bay Plan
- San Francisco General Plan

The plans and policy review also included examination of current and expected development trends in and around the study area within the study horizon year. This included development trends in surrounding neighborhoods such as the Marina, Lombard corridor and Cow Hollow, as well as within the Presidio.

SECTION 3: ENVIRONMENTAL SETTING

The following section describes the current community and land use conditions within the Presidio and surrounding area. The environmental setting provides the basis for the analysis in Section 4: Impact Analysis.

3.1 COMMUNITY PROFILE

3.1.1 Demographic Characteristics

3.1.1.1 Regional Trends

Doyle Drive is an important segment in the transportation system, not only for the City and County of San Francisco, but also as a component of the U.S. Highway 101 system. It forms the southern approach of U.S. 101 to the Golden Gate Bridge, which is the only direct highway linkage between San Francisco and Marin County to the north.

The City and County of San Francisco is one of nine counties that comprise the Bay Area, the others being Alameda, Contra Costa, Marin, Napa, San Mateo, Santa Clara, Solano, and Sonoma. Between the years 1990 and 2000, the Bay Area population increased by approximately 12.6 percent to nearly 6.8 million, and it is estimated to increase another 29.4 percent between the years 2000 and 2030 to approximately 8.8 million persons.

While the entire Bay Area experienced substantial population growth between 1990 and 2000, the San Francisco rate of growth was the slowest of the nine counties, growing only 7.3 percent from 1990 to 2000. The total population in the City for the year 2000 was 776,733. Population growth trends and projections for the other eight Bay Area counties that surround San Francisco are shown in Table 3-1. Between the years 2000 to 2030, the projected rate of growth for San Francisco is expected to increase approximately 20.4 percent, for a total population of 935,100 by the year 2030.

**TABLE 3-1
BAY AREA POPULATION GROWTH TRENDS AND PROJECTIONS, 1990 – 2030**

Location	1990	2000	Growth Rate 1990-2000	2030 Forecast	Growth Rate 2000-2030
San Francisco	723,959	776,773	7.3%	935,100	20.4%
Alameda	1,279,182	1,443,741	12.9%	1,888,300	30.8%
Contra Costa	803,732	948,816	18.1%	1,257,300	32.5%
Marin	230,096	247,289	7.5%	283,100	14.5%
Napa	110,765	124,279	12.2%	153,400	23.4%
San Mateo	649,623	707,163	8.9%	845,900	19.6%
Santa Clara	1,497,577	1,682,585	12.4%	2,274,200	35.2%
Solano	340,421	394,542	15.4%	577,300	46.3%
Sonoma	388,222	458,614	18.1%	565,700	23.3%
Bay Area Total	6,023,577	6,783,760	12.6%	8,780,300	29.4%

Sources: 1990 and 2000 data based on the U.S. Census; 2030 population forecast data obtained from the Association of Bay Area Governments, Projections 2003, June 2003.

Table 3-2 shows population, race and age characteristics of the census tracts within the study area. As a national park, the Presidio serves a population beyond the local area. Therefore, the racial composition and age characteristics of the City and County of San Francisco and the Bay Area population were also examined. Based on 2000 U.S. Census data the ethnic breakdown of the Bay Area is approximately 58 percent White, 19 percent for both Asian and Hispanic, 7 percent African American, and approximately one percent for American Indians, Alaska natives, and Pacific Islanders. Other races and persons of two or more races account for approximately 14 percent of the Bay Area population.

Of all the cities in the Bay Area, the city of San Francisco is one of the most diverse. Based on 2000 U.S. Census data the two largest ethnic groups are Whites at approximately 50 percent of the population and Asians at about 31 percent. Hispanics make up 14 percent of the population with African Americans at nearly 8 percent. American Indians, Alaska Natives, and Native Hawaiian and Pacific Islanders together comprise about one percent of the City's population. Persons of two or more or other races comprise about 11 percent.

From 1990 to 2000, there was a slight increase in household size for both San Francisco and the Bay Area. The average persons per household in San Francisco increased from 2.29 in 1990 to 2.30 in 2000, while the Bay Area average increased from 2.61 in 1990 to 2.69 in 2000. Although household size is projected to decrease to 2.27 by the year 2030 for San Francisco County, average household size for the nine-county Bay Area region is projected to increase slightly to 2.71 in 2030.

In 2000 there were a total of 2,552,402 housing units in the Bay Area, with about 97 percent of the units occupied and the remaining 3 percent vacant (for rent or for sale). Approximately 58 percent of the occupied housing units in the Bay Area were owner occupied. The total number of housing units in San Francisco County in 2000 was 346,527, with approximately 95 percent occupied and five percent vacant. However, only approximately 35 percent of the occupied housing units in San Francisco were owner occupied.

Along with the growing population, automobile ownership (vehicles available) throughout the Bay Area is estimated to rise from nearly 4 million in 1990 to 5.43 million in 2020 with the automobiles per household ratio increasing from 1.77 to 1.91 for the same period. The percentage of zero-vehicle households in San Francisco was 30.3 percent in 1990 (93,000 households). It is expected to decrease by 3.8 percent by 2020 to 25.8 percent (85,500 households) (Metropolitan Transportation Commission, [Vehicle Ownership Forecasts for the San Francisco Bay Area 1990-2020](#) (Based on ABAG Projections 2000), Data Summary, July 2000).

3.1.1.2 Study Area Trends

The study area is comprised of the Presidio, census tract 0601, and sixteen surrounding tracts where project related effects might occur (see Figure 3-1). Doyle Drive traverses the northern portion of tract 0601. Tract 0601 encompasses the largest land area of 603 hectares (1,490 acres) of the 17 tracts. Immediately to the east of the Presidio are tracts 0127, 0128 and 0132, with tracts 0126, 0129 and 0130 just east of those. These tracts are completely within the Marina district and a portion of the Cow Hollow neighborhood. The eastern boundary is Van Ness Avenue, with the southern boundary formed by Jackson and Vallejo Streets. Immediately to the south of the Presidio are tracts 0133, 0401, 0402 and 0426 with tracts 0154, 0157, 0156, 0451, 0452 and 0476 to the south of those. With the exception of tract 0157, these tracts make up the Presidio Heights and Inner Richmond districts, while tract 0157 is part of the Western Addition district. Forming the boundary of these tracts are Baker Street to the east, Fulton Street to the south, and 24th and 20th Avenues to the west.

**TABLE 3-2
POPULATION, RACE AND AGE CHARACTERISTICS, 2000**

Census Tracts ¹	Population	% White alone	% Black or African American alone	% American Indian and Alaska Native alone	% Asian alone	% Native Hawaiian and Other Pacific Islander alone	% Hispanic ²	% Other ³	% Under 18	% 65 or over
0126	4,915	86.0%	0.4%	0.0%	9.4%	0.2%	3.7%	3.9%	5.6%	13.6%
0127	3,497	87.4%	0.1%	0.0%	9.0%	0.0%	2.9%	3.5%	7.0%	13.0%
0128	4,209	84.8%	0.5%	0.0%	8.4%	0.4%	3.3%	5.9%	8.9%	14.2%
0129	5,706	84.2%	0.2%	0.2%	12.2%	0.0%	5.0%	3.2%	4.5%	13.0%
0130	4,130	86.6%	0.3%	0.4%	10.2%	0.2%	4.3%	2.3%	5.9%	11.5%
0132	4,436	87.5%	0.3%	0.2%	10.3%	0.0%	2.8%	1.7%	11.9%	13.3%
0133	4,145	86.5%	0.7%	0.4%	5.7%	0.4%	4.8%	6.2%	16.0%	15.5%
0154	5,762	69.5%	3.4%	0.3%	20.0%	0.3%	7.5%	6.5%	11.1%	13.7%
0156	2,821	57.9%	3.8%	0.6%	32.6%	0.0%	5.2%	5.1%	10.3%	11.7%
0157	6,875	59.2%	8.1%	0.6%	24.1%	0.5%	8.0%	7.5%	7.2%	9.6%
0401	4,348	58.3%	1.7%	0.2%	33.7%	0.2%	5.7%	6.1%	13.2%	14.1%
0402	5,364	54.1%	0.5%	0.3%	39.7%	0.0%	3.8%	5.4%	14.1%	13.0%
0426	7,200	55.2%	0.7%	0.2%	38.4%	0.1%	5.2%	5.5%	14.5%	14.3%
0451	5,102	43.6%	2.5%	0.2%	50.6%	0.0%	3.7%	3.1%	14.1%	12.6%
0452	6,695	47.5%	0.7%	0.5%	44.2%	0.0%	3.2%	7.0%	15.0%	14.9%
0476	5,431	42.8%	1.9%	1.4%	51.3%	0.1%	3.7%	2.5%	14.7%	15.7%
0601	2,338 ⁴	81.5%	2.8%	1.5%	4.9%	0.0%	9.6%	9.3%	15.9%	0.8%
Study Area Total or Average	82,870	69.0%	1.7%	0.4%	23.8%	0.1%	4.9%	5.0%	11.2%	12.7%
City & County of San Francisco	776,733	49.6%	7.6%	0.5%	30.9%	0.5%	14.1%	11.0%	14.5%	13.7
Bay Area	6,783,760	58.0%	7.4%	0.6%	19.0%	0.5%	19.4%	14.5%	23.6%	11.2%

Source: 2000 U.S. Census.

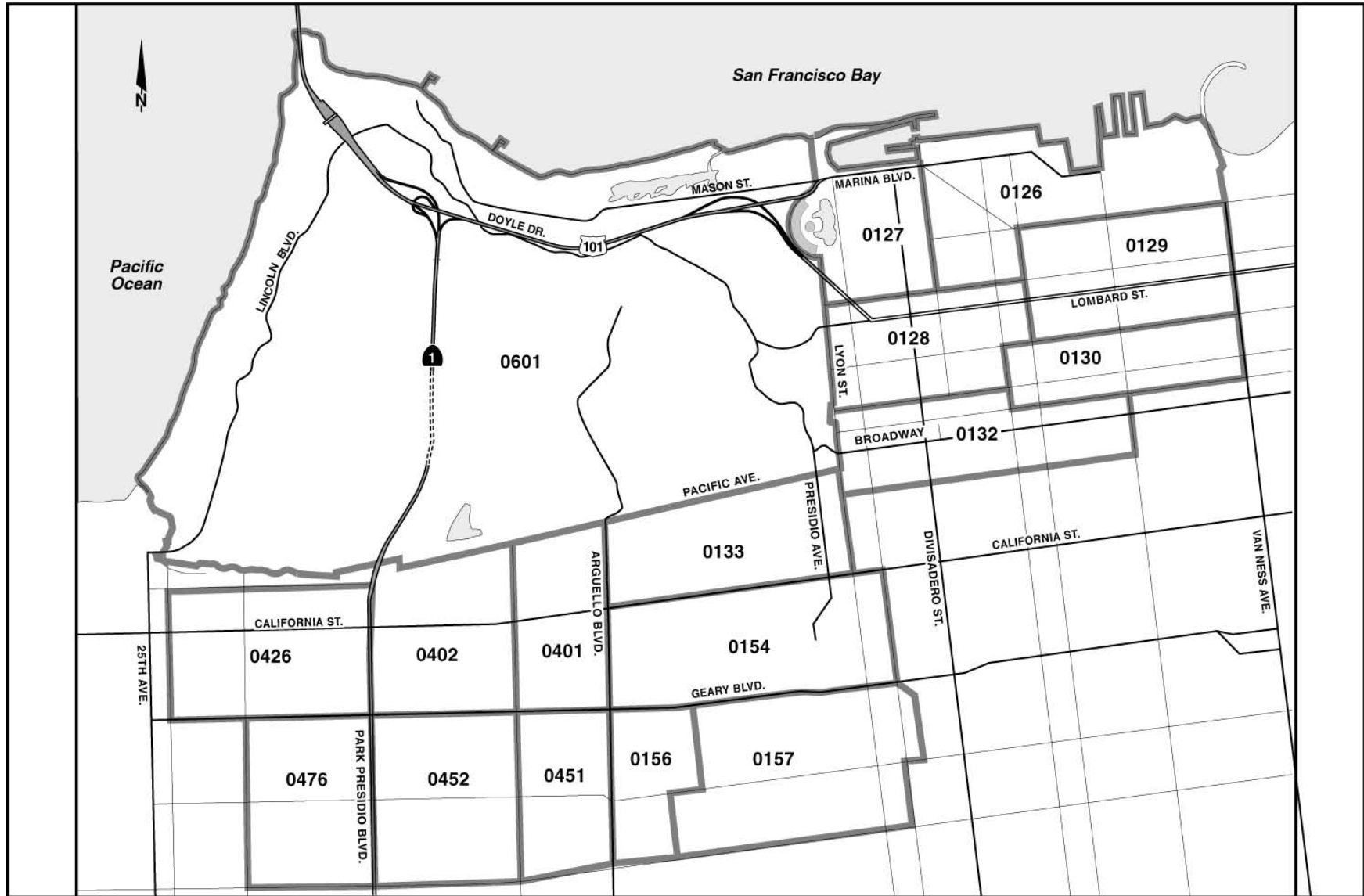
Notes: ¹ See Figure 3-1 for census tract boundaries.

² Percentages do not add to 100% because Hispanic is not counted as a separate race in the U.S. Census.

³ Includes “some other race alone” and “two or more races.”

⁴ Data from the Presidio Trust, June 2004.

**FIGURE 3-1
CENSUS TRACT STUDY AREA**



The Presidio

The demographic characteristics of tract 0601 are unique. Tract 0601 is made up of the Presidio, which is a NHLD and part of the GGNRA and the National Park System. The historic uses of the Presidio include a Native American settlement, a Spanish military post, a Mexican military post, and a U.S. Army base. In 1994, the United States Sixth Army departed the Presidio and the NPS took over management. In 1998, the Trust assumed management responsibility for non-coastal areas of the Presidio (80 percent of the Park) [see Figure 1-1]. The Trust is a non-profit corporation of the U.S. government and is governed by a seven member Board of Directors. Six members are appointed by the President of the United States, and the seventh member is the U.S. Secretary of the Interior or her designee. The Trust aims to achieve financial self-sufficiency for the Presidio by fiscal year 2013. Doyle Drive is located within Area B – the area controlled by the Trust.

The John Stewart Company, a residential property development and management company, is under contract to The Presidio Trust to oversee all aspects of marketing, leasing, and managing the Presidio residences. Through its Operations Department, The Presidio Trust, who owns all of the housing units within the Presidio, is currently responsible for all maintenance and repairs to the units. The Presidio Trust provided the most current socioeconomic information for tract 0601.

As of June 2004, there were a total of 1,089 apartments and single-family homes in the Presidio plus 109 dorms or former bachelor officers' quarters. Approximately 950 of the units managed by the Trust within the Presidio are currently occupied, while the other units are vacant, occupied by NPS staff/volunteers, or are under rehabilitation. As of June 2004, approximately 2,340 people live in the 950 units, indicating an average of approximately 2.5 persons per household. Approximately 30 people live in group quarters in the 24 units at Building 1028 (former nurses' dorms) that are managed by the Trust. The June 2004 vacancy rate for available housing, calculated using the number of units that are available for leasing, is approximately five percent (Ann Ostrander, Presidio Trust, personal communication, July 2004).

Average rental costs in the Presidio as of June 2004 are as follows: \$1,492 for a one-bedroom; \$1,836 for a two-bedroom; \$2,303 for a three-bedroom; \$3,081 for a four-bedroom; and \$7,024 for a five or more bedroom unit (Ann Ostrander, Presidio Trust, personal communication, July 2004). The Trust has developed three discount programs, representing nearly 20 percent of the existing housing stock, in order to provide a variety of housing options for people that work within the Presidio. The three programs include a Preferred Renter Program, a Public Safety Housing Programs, and a Housing Units for Small Households Program.

The Trust's Preferred Rental Program offers housing to full-time Presidio-based employees whose household incomes do not exceed 100 percent of the area median, adjusted for household size. Tenants pay 30 percent of their combined household income for rent, including utilities. The Preferred Rental Program accounts for 125 or 20 percent of the housing units in the following five neighborhoods: Quarry, MacArthur, Sanches, Baker Beach, and South Baker Beach.

The Trust's Public Safety Housing Programs represent 40 units for full-time Presidio-based fire fighters and U.S. Park Police officers who pay either 25 or 30 percent of individual salary for rent, including utilities. The Public Safety Housing Programs are available in the same areas as the Preferred Rental Program with the additions of the West Washington and North Fort Scott neighborhoods.

The third Trust program, that is currently underway, is the Housing Units for Small Households Program. Currently, 24 single-room occupancy units at Building 1028 (Letterman Apartments) are leased to lower-income Presidio-based employees, with priority is given to households earning up to 50 percent of the area median income. Depending on income levels, monthly rents range between \$475 and \$525.

Census Tract Study Area

From 1990 to 2000 the total population of the census tracts study area, including the Presidio and surrounding tracts, increased by about 620 persons. Based on 2000 U.S. Census data, the total population for the census tract study area was 82,870, which was 11 percent of the total population of the City of San Francisco. Table 3-2 shows basic population, race and age characteristics of the census tracts within the

study area. Tract 0426 has the largest population at 7,200 while tract 0601 is the least populated with 2,234. Tracts 0133 and 0476 have the largest percentage of residents over the age of 65, while tract 0133 has the largest percentage of residents under the age of 18.

Based on the ABAG's Projections 2003, the total population of the census tract study area is projected to increase approximately 9.6 percent between 2000 and 2030 for a total of 90,850 persons. The tracts estimated to have the largest growth rates from 2000-2030 are tracts 0601 (52 percent), 0133 (18 percent), and 0157 (16.3 percent).

Although the census tract study area is ethnically diverse, in 2000 the majority of residents (on average) were White (69 percent). The next largest population is Asian (nearly 24 percent), followed by Hispanic (5 percent) and African American (nearly 2 percent). Tracts to the east of the Presidio are predominately White; the tracts to the south have larger Asian populations (see Table 3-2 and Figure 3-1).

Housing characteristics for the census tract study area from the 2000 U.S. Census are shown in Table 3-3. The general housing characteristics of the census tract study area closely resemble those of the whole city. The total number of housing units within the census tract study area is 42,664, approximately 12 percent of the total housing units within San Francisco. The majority of the housing units are renter occupied; only an average of 28 percent of housing units are owner occupied. Multi-unit buildings with 5 or more units are the dominant housing type, comprising an average of 43 percent of the housing units. The average vacancy rate for the study area is approximately six percent. The tracts east of the Presidio primarily have a lower average household size than the tracts south of the Presidio, as well as higher percentages of multi-family housing units.

**TABLE 3-3
HOUSING CHARACTERISTICS, 2000**

Tract	Housing Units	Average Household Size	% Owner Occupied	% Vacant	% With 5 or More units
0126	3,424	1.5	21%	6%	64%
0127	2,277	1.6	26%	4%	58%
0128	2,597	1.7	29%	5%	47%
0129	3,786	1.6	16%	4%	63%
0130	2,640	1.6	25%	5%	61%
0132	2,642	1.8	36%	7%	65%
0133	2,097	2.1	43%	6%	41%
0154	3,003	2.0	28%	3%	44%
0156	1,351	2.1	30%	4%	30%
0157	2,564	2.1	27%	4%	31%
0401	1,986	2.2	26%	4%	39%
0402	2,507	2.2	28%	4%	37%
0426	3,322	2.3	28%	4%	31%
0451	2,187	2.4	27%	4%	31%
0452	2,891	2.4	36%	4%	25%
0476	2,288	2.5	40%	4%	16%
0601	1,198 ¹	2.5 ²	2%	5% ³	22%
Study Area Total or Average	42,664	2.1	28%	5.8%	43%
City of San Francisco	346,527	2.3	35%	5%	44%
Bay Area	2,552,402	2.7	60%	3%	24%

Source: 2000 U.S. Census.

Notes: ¹ This includes 1,089 apartments/single family homes plus 109 dorms or former bachelor officers' quarters; data from The Presidio Trust, June 2004.

² Based on 2,340 persons in 950 occupied units; data from The Presidio Trust, June 2004.

³ If calculated using the number of units that are available for leasing, vacancy rate is approximately five percent; if calculated on an overall park-wide basis, it is approximately 20 percent (this includes units that are or will be under rehabilitation or controlled by the NPS); data from The Presidio Trust, June 2004.

3.1.2 Environmental Justice Considerations

The 2000 U.S. Census race data in this section (summarized in Table 3-2) shows that none of the minority (non-white) populations comprise more than 50 percent of the population as a whole within the study area. Also, the percentage of minority populations within the study area as compared to the City and County of San Francisco or the Bay Area as a whole is not greater than ten percentage points for any group.

Poverty status was used to identify populations as low-income. This data is summarized in Table 3-4. Poverty status, as defined by the U.S. Census, is determined by comparing a person's total family income with the poverty thresholds appropriate for that person's family size and composition. For example, the threshold for a family comprised of two adults and one child is \$13,410 (U.S. Census Bureau, Current Population Survey, March 2000).

For the census tracts within the study area, the percent of individuals below the poverty level ranges from 3.3 percent to 17.3 percent. On average, the percent below poverty level is 6.8 percent. The table shows the study area does not have a majority (more than 50 percent) of individuals living at the poverty level. Also, compared to the City and County of San Francisco (6.8 percent versus 11.3 percent) and the Bay Area as a whole (6.8 percent versus 8.6 percent), the study area does not have significantly more persons living below the poverty threshold (i.e. greater than ten percentage points).

**TABLE 3-4
POVERTY STATUS, 2000**

Census Tracts	All Income Levels (individuals)	Below Poverty Level (individuals)	Percent Below Poverty Level
0126	4,915	177	3.6%
0127	3,497	141	4.0%
0128	4,209	146	3.5%
0129	5,706	211	3.7%
0130	4,130	153	3.7%
0132	4,436	147	3.3%
0133	4,145	141	3.4%
0154	5,662	346	6.1%
0156	2,776	313	11.3%
0157	5,379	695	12.9%
0401	4,217	381	9.0%
0402	5,337	364	6.8%
0426	7,200	531	7.4%
0451	5,102	407	8.0%
0452	6,668	571	8.6%
0476	5,431	427	7.9%
0601	2,236	387	17.3%
Study Area Total or Average	81,046	5,538	6.8%
City & County of San Francisco	765,356	86,585	11.3%
Bay Area	6,661,540	573,333	8.6%

Source: 2000 U.S. Census, Table QT-P34.

The Trust and the NPS identified several outreach programs that are designed to meet some of the needs of minority and low-income populations. The Presidio YMCA includes a complete fitness center and swimming pool available to all members of the community (Buildings 1152 and 1151, respectively). Community outreach programs organized at the Presidio YMCA are youth-oriented and include after-school and leadership programs at several middle schools in San Francisco. These programs are conducted off-site. There are currently between 700-800 participants in these programs.³ The YMCA does not keep income or ethnic data on the users of its gym and pool facilities, and outreach programs are not specifically oriented towards using these facilities. The Crissy Field Center (Building 603) offers a wide array of multicultural environmental programming, along with community outreach and education. Activities at the Crissy Field Center include seminars, workshops, educational programs, programs aimed at families or older adults, and various walks and talks. These activities utilize the center seven days per week year round and sometimes in the evening. Overall, these programs are characterized as being oriented towards populations that are typically underserved in the national parks, primarily minority and low-income populations. Almost 18,000 people representing underserved populations, or about half of all visitors, used the Crissy Field Center between March 2003 and March 2004.⁴ The San Francisco Conservation Corps is another community group serving minority and low-income populations located within the Presidio. It was previously located at Building 1163 which is within the Doyle Drive study area. It recently moved and is now located in Building 1243 which is not within the Doyle Drive corridor.⁵ Buildings 1029 and 1030 are home to the community-based, nonprofit Swords to Plowshares. Swords to Plowshares provides counseling, employment and training, housing, and legal assistance to veterans in the San Francisco Bay Area. Part of their mission is to reduce homelessness and poverty among veterans. Each year, Swords to Plowshares provides assistance to nearly 1,500 veterans in need.⁶

³ Elizabeth Jordan, Executive Director, Presidio YMCA, personal correspondence, August 3, 2004.

⁴ Carol Prince, Golden Gate National Parks Conservancy, personal correspondence memorandum, August 4, 2004.

⁵ Amy Marshall, The Presidio Trust, personal correspondence, July 26, 2004.

⁶ <http://www.swords-to-plowshares.org/FAQ.htm>

3.1.3 Employment and Economic Conditions

3.1.3.1 Regional Trends

During the years 1990 to 2000 the nine-county Bay Area experienced significant growth in the number of jobs, from 3,206,080 to 3,753,670, an increase of 17 percent (ABAG, December 2001). Based on ABAG's Projections 2003, the increase in jobs is expected to continue through the year 2030. Approximately 1.5 million new Bay Area jobs are forecast between 2000 and 2030, for a total of 5,226,400 jobs, or a 39 percent increase. From 2000 to 2030 the number of jobs in San Francisco is projected to increase by nearly 29 percent from 634,430 to 815,680, for a total of 181,250 new jobs (ABAG, June 2003).

According to Projections 2003 data for the year 2000, the economy of the Bay Area is dominated by the service sector which employed approximately 1.5 million people in 2000 and accounted for approximately 39 percent of the region's jobs. Other major employment sectors include retail jobs at nearly 16 percent and manufacturing and wholesale jobs at almost 20 percent of the regional total. Within the city of San Francisco, the service sector accounts for approximately 44 percent of the total economy, with retail at 15 percent and manufacturing and wholesale at almost 9 percent (ABAG, June 2003). Growth in these job sectors is projected to continue to 2030 for both the Bay Area and San Francisco.

In 2000, the total number of employed residents in the Bay Area was about 3,605,675, and total employed residents in San Francisco were 444,851 (ABAG, June 2003). In May 2004, the average civilian unemployment rate for the Bay Area was 4.7 percent, lower than the 6.2 percent level statewide. The San Francisco unemployment rate was 4.4 percent, about the same as the Bay Area unemployment rate (Bureau of Labor Statistics, <http://www.bls.gov>).

Based on 2000 U.S. Census data, the Bay Area's average mean household income was \$61,135, higher than that of San Francisco with \$55,221; the Bay Area had a lower average per capita income than San Francisco, \$31,056 compared to \$34,556 respectively. Approximately three percent of Bay Area households received public assistance income in 2000 while four percent of San Francisco households received assistance. Within the Bay Area, the average percent of population living below the poverty line is 8.2 percent, with San Francisco having the highest percentage of people below the poverty line at 11.3 percent (Census 2000 Sample Demographic Profiles, Table DP-3 <http://www.census.gov/hhes/poverty/2000census/poppvstat00.html>). Poverty rate is defined as the percentage of people below the poverty level. The definition of low-income or poverty level, according to the U.S. Census Bureau, is when the family's total income is below the poverty thresholds by family unit size ("How the Census Bureau Measures Poverty", U.S. Census Bureau at <http://www.census.gov/hhes/poverty/povdef.html>). The poverty threshold for a family size of four (2000) is a mean household income of less than \$17,603 (Table of Poverty Thresholds: 2000, U.S. Census Bureau. <http://www.census.gov/hhes/poverty/threshld/thresh00.html>).

3.1.3.2 Study Area Trends

The Presidio

Currently there are an estimated 2,020 employees in the Presidio, with the majority of jobs in governmental and non-profit sectors. According to the PTMP, the projected employment in the Presidio is expected to be 6,890 by 2020.

Census Tract Study Area

In 2000 the total number of employed residents for all tracts within the study area was 54,538 (ABAG, June 2003). By 2030 the number of employed residents is projected to increase by approximately 14 percent to 62,122. In 2000 the total number of jobs within the census tract study area was approximately 35,870 (ABAG, June 2003). The largest percentage of jobs, approximately 46 percent, was in the service sector. Retail trade comprised 24 percent of the jobs, wholesale just over 2 percent, and manufacturing and agriculture each only accounted for less than 1 percent of total jobs within the census tract study area. According to 2030 projections, the total number of jobs within the census tract study is projected to increase by approximately 30 percent to 46,635 jobs by the year 2030. Service sector jobs should still dominate in

2030 with nearly 49 percent of total employment, while retail trade is projected to slightly decline to approximately 21 percent, and wholesale, manufacturing, and agriculture should remain approximately the same as in 2000.

Average earning within the census tract study area was higher than that of San Francisco as a whole. In 2000 the study area average per capita income was \$57,297, compared to \$34,556 for all of San Francisco. The average 2000 mean household income for the study area was approximately \$121,500, and it is estimated to increase to nearly \$155,000 by 2030. The tracts to the east of the Presidio generally have higher per capita incomes and mean household incomes. Poverty rates were also examined for the census tract study area based on 2000 U.S. Census data. The poverty rates for the tracts east of the Presidio ranged between 3.3 to 4.0 percent (2000 U.S. Census). Higher poverty rates, between 3.4 to 13 percent applied to the majority of tracts south of the Presidio. The Presidio had a poverty rate of 17.3 percent, which is above the average poverty rate of 6.8 percent for the census tract study area.

3.1.4 Fiscal Conditions

3.1.4.1 City and County of San Francisco

The Mayor's 2004-2005 proposed budget for the City and County of San Francisco estimates total revenues of approximately \$5.0 billion, the majority of which is from charges for services (approximately 32 percent) and from local taxes (approximately 31.5 percent) (Mayor's Proposed Budget 2004-2005, available at: <http://www.sfgov.org/mayor>). The remaining 36.5 percent comes from various sources including Federal and state grants, licenses and fines, and other revenues. The largest share of the city's revenue, approximately 39 percent, is expended on salaries and wages of the city employees. Twenty-three percent of the city revenue is for payment of professional and contractual services, 11 percent is for fringe benefits, 10 percent is for debt service, and nearly 5 percent is for facilities maintenance and capital projects. Many of the capital and facility maintenance projects are often moved to non-annually budgeted funds and/or other spending categories. Highlights of the budgeted \$243 million for capital and facility maintenance projects include approximately 65 percent for various public utilities projects, over 15 percent for San Francisco International Airport projects, approximately 6 percent for various recreation and park commission projects, and approximately 3 percent each for San Francisco Municipal Railway (MUNI) projects and Port related projects.

3.1.4.2 The Presidio

In 1998, the Trust issued the Financial Management Program which outlines how the Trust will reduce its reliance on appropriated funds for successive years and achieve financial self-sufficiency by fiscal year 2013 and beyond. The operations of the Presidio are currently financed through direct appropriation, borrowings from the U.S. Treasury, reimbursable agreements with other government agencies, and rental leases for both residential and non-residential property. Additional income is generated from special events, interest income from investments, and through service-related entities that the Trust manages, including water treatment, electrical distribution and telecommunications for the Presidio. According to the PTMP, income will continue to come from the same sources but with increasing importance on the revenues generated from commercial and residential leases as Federal appropriations are reduced yearly. The Trust is actively rehabilitating and renovating numerous structures throughout the Presidio in order to supply quality space. To help fund the rehabilitation of Presidio resources, the Trust will continue to encourage investment from private funds. An additional source of revenue is expected to come from grants and/or philanthropic gifts.

Based on the Fiscal Year 2004 Revised Budget Without Environmental Remediation, (Trust, May 18, 2004), the Trust generated approximately \$41 million in total revenues. Trust activities that generated the largest amount of inflow were residential rent income (approximately \$23 million) and non-residential rent income (approximately \$9.7 million). The Trust received approximately \$21 million through appropriation. Other inflows amounted to approximately \$21 million. Major sources of outflows totaling \$38 million included expenditures for facilities, administration/operations, law enforcement, fire, safety, and planning. Other

sources of outflow totaling \$45 million included capital projects, financial and insurance costs, and contingency/unknown projects.

3.1.5 Community Facilities and Public Services

Community facilities and public services include educational facilities; emergency services including police, fire and emergency response; and the utility system.

3.1.5.1 Educational Facilities

There are a number of schools located within the Presidio. There are three preschools including the Lone Mountain Children's Center, and Presidio Child Development Center (preschool affiliated with the San Francisco Unified School District).⁷ The Bay School of San Francisco (approximately 100 students in 2004-2005, and estimated to increase to 375-395 students), is currently located in Building 682. The high school will move into Building 35 once the current renovations are complete.

There are approximately twenty organizations that offer educational programs at the Presidio. Most are located near the Letterman Complex and the Main Post area. In particular, there are two organizations that are located in the vicinity of the proposed alternatives for Doyle Drive. They include:

- Crissy Field Center, 603 Mason Street – A program of the NPS and the Golden Gate National Parks Association, this community environmental center provides a small café and book store, and conducts workshops and other programs for the public, including outreach to low-income and minority groups; and
- Swords to Plowshares Veterans' Academy, 1029 and 1030 Girard Road – Non-profit organization that aids ex-veterans in the rehabilitation and restructuring of their lives. Swords to Plowshares offers training in areas such as computer use and cooking and schooling in various vocations.⁸

3.1.5.2 Emergency Services

Police

Law enforcement services in Area B of the Presidio are provided by the U.S. Park Police (USPP) while services in Area A are provided by both the USPP and NPS law enforcement rangers. The USPP also has a mutual aid agreement with the San Francisco Police Department (SFPD) whereby the SFPD will provide assistance when requested by the USPP. In the remainder of the GGNRA, law enforcement services are provided by NPS rangers or other local law enforcement agencies, depending on the jurisdictional status of park lands. The USPP services include vehicle, motorcycle, horse-mounted, bicycle and foot patrols. The USPP has police stations located in Building 1217 on Ralston Road in the Fort Scott area near the Golden Gate Bridge, as well as a horse stall located at Building 221.

Other law enforcement services in the Presidio are provided by the California Highway Patrol (CHP). The CHP has jurisdiction over Doyle Drive and Park Presidio Boulevard, and the City of San Francisco Police, which serves the parking lot/overlook on the south side of the Golden Gate Bridge Toll Plaza.

Areas outside the Presidio, including the Marina and Cow Hollow neighborhoods, are served by the SFPD. There are two SFPD District Stations within the study area. They are District Stations E and G. District Station E covers the Marina district, Lombard Street corridor and Cow Hollow neighborhood. It is called the Northern Police Station and is located at 1125 Fillmore Street. District Station G covers the Presidio, Presidio Heights, Richmond, Inner Richmond, and part of Western Addition. It is called Richmond Police Station and is located at 461 6th Avenue.

⁷ John Pelka, The Presidio Trust, personal correspondence, August 30, 2004.

⁸ Directory of Organizations at the Presidio of San Francisco and the Golden Gate National Recreation Area, Spring 2001.

Fire and Emergency Services

The Presidio Fire Department provides fire and emergency services within the Presidio, and is the first responding unit on the Golden Gate Bridge, Doyle Drive, and Park Presidio Boulevard north of the MacArthur Tunnel. The Presidio Fire Department will also respond to accidents on Park Presidio Boulevard south of the MacArthur Tunnel if requested by the San Francisco Fire Department as part of a mutual aid agreement. Two fire stations are located near the project site. One station is located in the Presidio in Building 218 on Lincoln Boulevard in the Main Post. This station includes both fire trucks and ambulance. The other station is located in the Marin Headlands at Fort Cronkhite, in Building 1045 on Rodeo Beach. This station primarily serves Fort Cronkhite, Fort Barry, and Fort Baker and provides secondary response to the Presidio. The average response time for fire and emergency medical calls in the Presidio is less than three minutes (Trust, 2002b).

GGBHTD also provides fire and emergency tow truck service that respond to and clear any accidents on Doyle Drive, Park Presidio Boulevard, and the Golden Gate Bridge. Its service area limits are U.S. 101 at Spencer Avenue to the north, Doyle Drive at Marina Boulevard and Richardson Avenue at Lyon Street to the east, and Park Presidio at Lake Street to the south. GGBHTD has a maintenance facility at the Golden Gate Bridge Toll Plaza, with one fire truck, four tow trucks, and two pick-up trucks. This station is typically staffed with a minimum of three public officers during most of the day, and at least two officers between 10:00 pm and 6:00 am. GGBHTD also has a mutual aid agreement with the Presidio Fire Department and San Francisco Fire Department.

Outside the Presidio and within the study area, fire protection and emergency medical services (paramedics) are served by the San Francisco Fire Department. There is a mutual aid agreement between the San Francisco and Presidio fire departments where it would allow either department to request assistance from the other in time of special need. There are five fire station locations within the study area:

- Fire Station 10: 655 Presidio Avenue (Laurel Heights)
- Fire Station 14: 551 26th Avenue (Richmond)
- Fire Station 16: 2251 Greenwich Street (Cow Hollow)
- Fire Station 31: 441 12th Avenue (Richmond)
- Fire Station 34: 499 41st Avenue (Richmond)

3.1.5.3 Utilities

The utility system is comprised of the water system, sewer system, stormwater system, power system, natural gas system, and telecommunications system.

Water System

Lobos Creek is the primary source for drinking water in the Presidio. The water is treated at the Presidio Water Treatment Plant. Water is supplied throughout the Presidio by a system of pipes of various sizes including 102-, 152-, 203- (4-, 6-, 8-inch) and 254-meter (10-inch) diameter pipes. The water distribution system also supplies the water for irrigation systems, internal building sprinkler systems, and fire hydrants. Near the project site, water pipes run parallel to and across Doyle Drive. In cases when the water supply from Lobos Creek is not adequate, water may also be obtained from the San Francisco Public Utilities Commission water system, which connects to the Presidio's water system.

Construction on the recycled water treatment system in Building 1063 will begin shortly. The system will recycle waste water generated on the Presidio by turning it into high-quality recycled water suitable for landscape irrigation and other non-potable uses. The system will reduce the potable water demand, and reduce the amount of sanitary sewer flows to the City and County of San Francisco's combined sewer

system.⁹ Phase I of the system will produce 200,000 gallons per day of recycled water that will be used for irrigation at the Letterman Digital Arts Center and at Crissy Field. Phase II will make recycled water available to other areas of the Presidio including the Main Post, National Cemetery, and Fort Scott by expanding to a maximum of 500,000 gallons per day of recycled water. Building 1063 (former Medical Supply Warehouse) is the preferred site for the treatment plant (Presidio Trust, Water Recycling System Will Reduce Water Usage, 2003; and Presidio Trust Recycling Project Environmental Assessment, March 2002).

Sewer System

All wastewater generated in the Presidio is pumped to the City of San Francisco sewer system. Wastewater from the east side of the Presidio is transported to the Southeast Water Pollution Control Plant and wastewater from the west side is transported to the Oceanside Water Pollution Control Plant. Two wastewater pump stations are located in the Presidio; they pump wastewater from low areas to high areas, then into the City of San Francisco's sewer system via gravity flow lines. The larger wastewater pump station, which includes two 150-millimeter (6-inch) pumps, is located near Building 211 and takes wastewater from the Crissy Field area. The smaller wastewater pump station is located between Buildings 1160 and 1152 and takes wastewater from along Richardson Avenue. The sanitary sewer system consists of 203-, 254-, 305-, 406- (8-, 10-, 12-, 16-inch), and 457-millimeter (18-inch) diameter pipes that run parallel to and across Doyle Drive.

Stormwater System

The stormwater system, which is a separate system from the sanitary sewer system, collects surface runoff and discharges water directly into San Francisco Bay or the Pacific Ocean. The east side of the Presidio also discharges stormwater into the Crissy Field wetland. The stormwater system consists of pipes of a variety of sizes, ranging from 203-millimeter (8-inch) to 1,219-millimeter (48-inch) diameter pipes. All pipelines in the Doyle Drive corridor flow by gravity to the north and cross the roadway.

Power System

Electric power is supplied to the Presidio from connections to Pacific Gas and Electric Company (PG&E), primarily at the Greenwich and Main Post substations. From the substations, the power is distributed throughout the Presidio by the Trust's high voltage department. The electric distribution system consists of the two major substations, 12 emergency back-up generators, and approximately 68 kilometers (42 miles) of above and below ground electrical lines. The power lines vary in voltage (some are 12,000 volts; some are smaller) and many are located parallel to and across Doyle Drive. PG&E operates a high voltage line (12,000 volts) that runs along Doyle Drive and provides power to the Golden Gate District.

Natural Gas System

Natural gas is provided to the Presidio by PG&E via a system of 102-millimeter (4-inch) and 152-millimeter (6-inch) diameter pipes located parallel to and across Doyle Drive. In July 2002, the NPS transferred ownership to the Trust of a vehicle fueling station that provides compressed natural gas (CNG) (Jim Kelley, Presidio Trust personal communication, July 11, 2002). The vehicle fueling station is located at the west end of Building 204.

Telecommunications System

Presidio Trust Telecom owns and operates all telecommunications systems in the Presidio. Telecommunications lines, including both copper wire and fiber optics, are located entirely underground and cross Doyle Drive at five locations. The number of cable ducts at each location varies from two to nine cable ducts, each generally 102-millimeter (4-inch) in diameter.

⁹ John Fa, The Presidio Trust, personal correspondence, August 9, 2004.

3.2 LAND USE PROFILE

This section describes the existing environmental setting of the project study area in terms of land use and Federal lands.

3.2.1 Inventory of Existing Land Uses

This section describes the land uses and Federal lands that may be affected by the proposed project alternatives for the Doyle Drive Project. The Presidio, under the direction of the NPS (Area A) and the Trust (Area B), has been converted from an active U.S. Army military base to a national park. The buildings within the Presidio, which is an NHL, reveal a number of architectural styles, ranging from brick Colonial Revival to stucco Mission Revival to wood-frame temporary barracks. Throughout the years many of the buildings have supported different types of uses as the needs of the Army changed. Now that the Presidio is a national park, many buildings are being rehabilitated to support civilian uses, thus once again changing the land uses.

The Presidio is comprised of approximately 603 hectares (1,490 acres) with 473 hectares (1,168 acres) in Area B and 131 hectares (323 acres) in Area A. Land use within Area B is predominately open space (281 hectares) (695 acres), which includes forest, landscaped areas, wetlands, trails, and the Presidio Golf Course. Approximately 191 hectares (473 acres) of Area B are developed land. Of the developed areas, about 68 hectares (168 acres) are used for residential purposes, and approximately 56 hectares (138 acres) are office and mixed-use. Institutional and visitor with mixed-use occupy about 42 hectares (103 acres) of the land area, while highway rights-of-way and other infrastructure encompass approximately 25 hectares (63 acres) of the land (see Figure 3-2).

The Presidio features more than approximately 325,160 square meters (3.5 million square feet) of non-residential space, ranging from historic warehouses and former barracks to high-end office space. Approximately two-thirds of the buildings are historic, representing architectural styles from the Spanish era through World War II (Presidio Trust, Real Estate Department, 2003). Of the 325,160 square meters (3.5 million square feet), approximately 45 percent of the space is currently occupied.¹⁰ Retail and office uses comprise 60 percent of the occupied space and industrial/warehouse/infrastructure comprises 24 percent. Office uses are generally located in the Main Post and Letterman Planning areas and include non-profit organizations, foundations, and for-profit entities. Other non-residential building use includes cultural, educational and recreational. Residential building area comprises approximately 222,970 square meters (2.4 million square feet). Future plans outlined in the PTMP are to reduce the total building area in Area B by 33,445 square meters (360,000 square feet) or more while adding an additional 40 hectares (99 acres) of open space.

The study area includes the Presidio, which is on Federal land, and areas in the Marina district adjacent to the Presidio (west of Broderick Street) Lombard Street corridor (between Chestnut Street and Greenwich Street), and the Cow Hollow neighborhood (north of Greenwich Street and west of Broderick Street). The portion of the study area in the Presidio includes four of the seven planning areas outlined in the PTMP: Crissy Field (Area B); Letterman; Main Post; and Fort Scott (see Figure 3-3). Each planning area is derived from the 13 planning areas delineated in the GMPA and represents a geographic clustering of land uses within the Presidio.

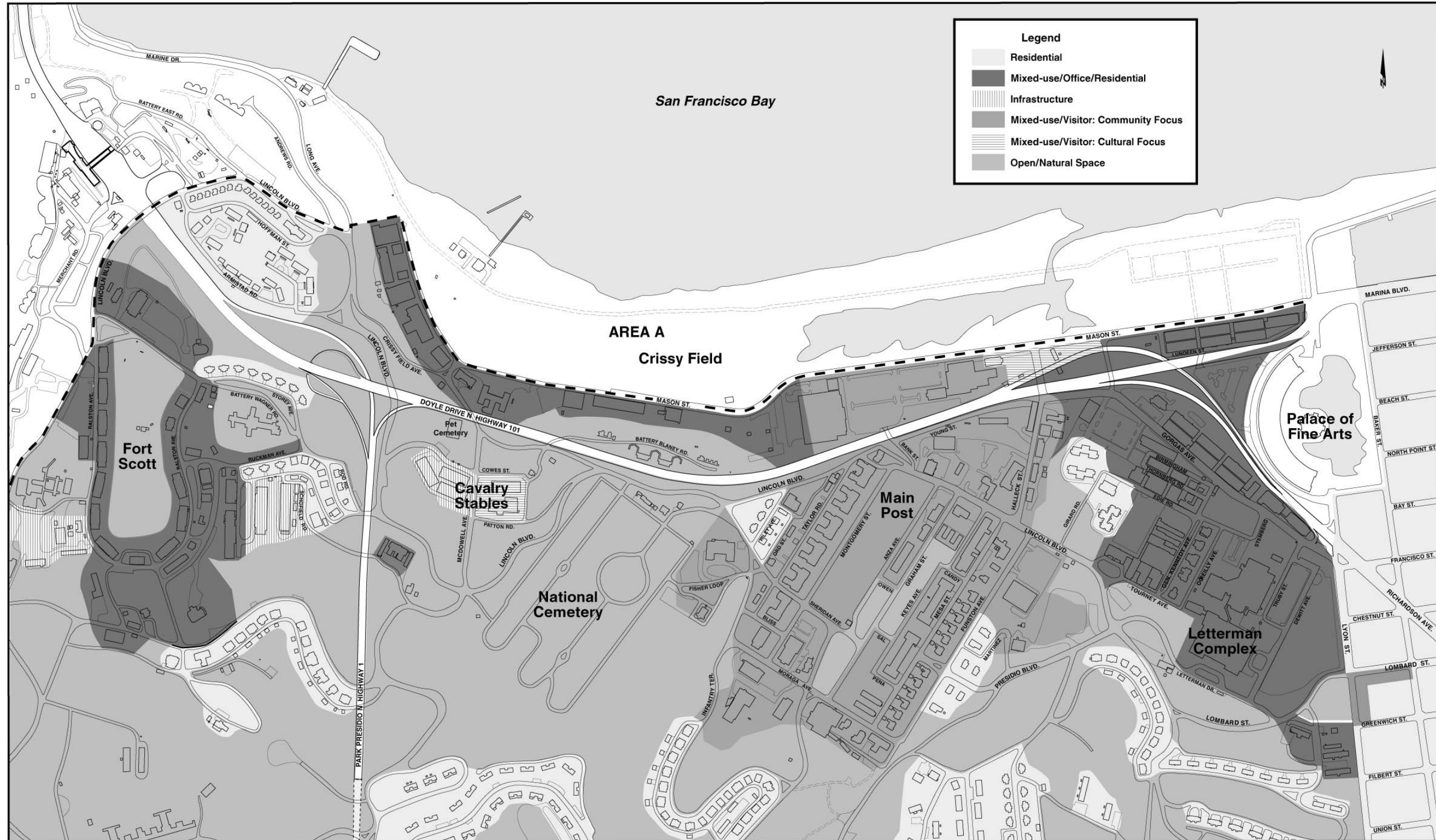
Land uses within each area were defined by the following categories from the PTMP (see Figure 3-2):

- Mixed-use/Visitor: Community Focus - includes a mix of uses devoted to public uses such as museums, small-scale lodging and visitor amenities
- Mixed-use/Office/Residential – includes a mix of office, warehouse and storage facilities in addition to residences

¹⁰ Data from the PTMP based on unoccupied space as of November 2000.

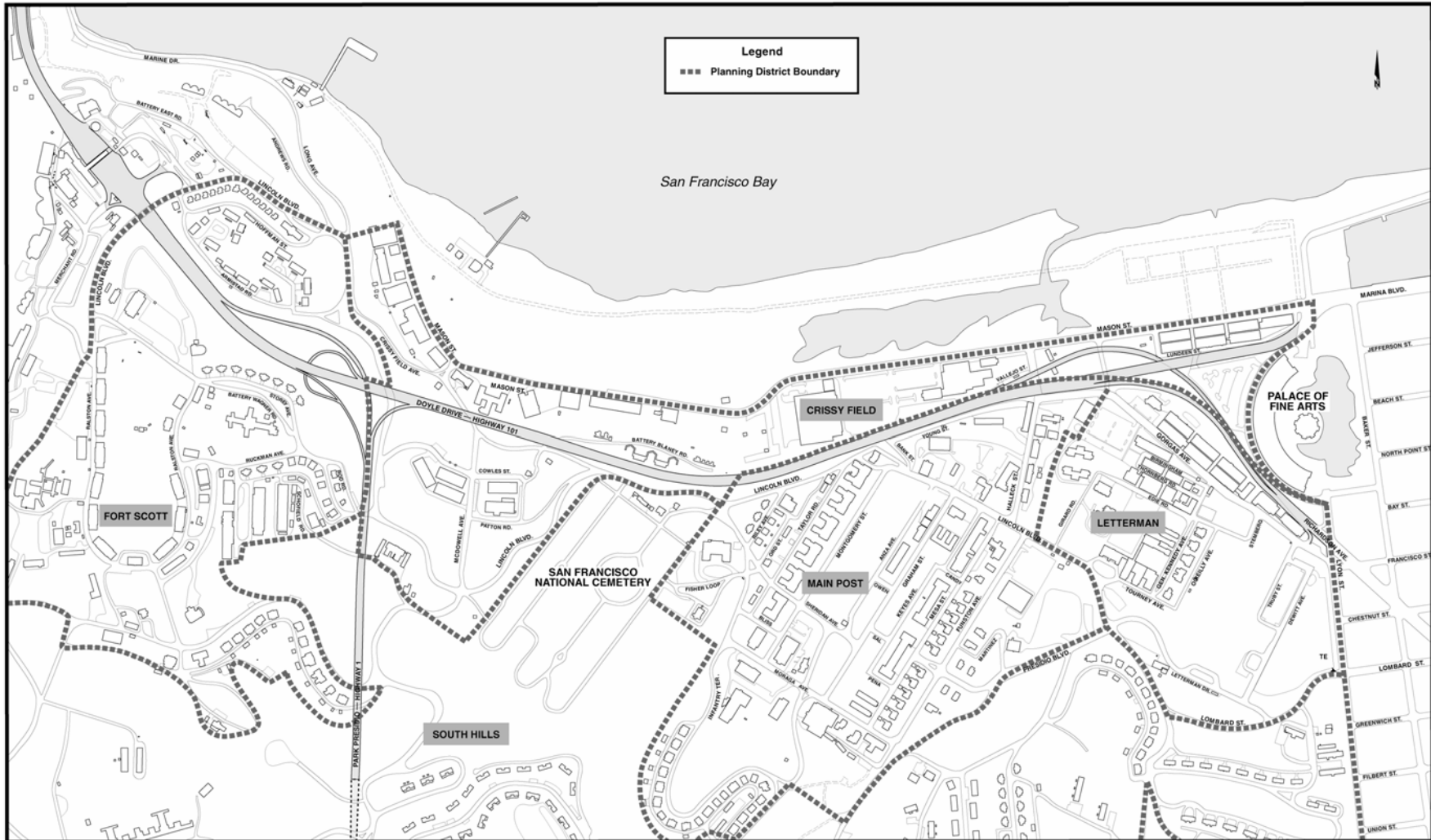
- Mixed-use/Visitor: Cultural Focus – includes uses such as educational centers, performing arts facilities, training facilities, and interpretation sites
- Residential – includes buildings used for housing including, single-family houses, duplexes, apartment complexes, and dormitories
- Infrastructure – includes utilities and facilities necessary for operation of the Presidio
- Open Space/Natural Areas - includes native plant communities, forest, landscape vegetation and disturbed areas.

**FIGURE 3-2
EXISTING LAND USE**



Source: PTMP, 2002.

**FIGURE 3-3
PRESIDIO PLANNING DISTRICTS**



Source: PTMP, 2002.

3.2.1.1 Crissy Field

The Crissy Field planning area encompasses approximately 41 hectares (102 acres) and includes the area between Mason Street, Doyle Drive and Lincoln Boulevard. There are about 40 buildings located in the area that is designated as a recreation, educational and cultural destination in the PTMP.

There are several industrial warehouse and office buildings South of Mason Street, near the Marina district entrance. West of these buildings, near the intersection of Halleck and Mason streets, there is another cluster of buildings including the Crissy Field Center, the Commissary and the Post Exchange. The Commissary currently houses the Sports Basement, a discount sporting good retailer, while the Post Exchange is currently vacant.

West of the Commissary, between Doyle Drive and Crissy Field, is a series of aircraft hangars, warehouses and two-story office buildings originally designed to serve Crissy Airfield (see Figure 3-4). About half of these buildings appear to be vacant, while the other half are used as warehouses for the Trust ground maintenance and other departments. The former enlisted men's barracks, now vacant, is also in this area.



Source: Public Affairs Management, August 2000.

Figure 3-4
Former aircraft hangars, Crissy Airfield at Crissy Field

The Cavalry Stables area is located immediately to the south of Doyle Drive in the vicinity of the high-viaduct structure of Doyle Drive (see Figure 3-5). The Cavalry Stables are located south of Crissy Field, east of Fort Scott, and west of the National Cemetery. Of the five large stables located in this area, two are used by the Park Police, one is used as the Park Archives and Records Center, one is used for storage, and the other stable is vacant. A riding ring is located along Lincoln Boulevard. The Pet Cemetery is located north of the stables, where McDowell Avenue and Crissy Field Road meet. The Pet Cemetery will be maintained at its present location and size. Former Cavalry Barracks are located to the south, overlooking the stables.



Source: Public Affairs Management, August 2000.

**Figure 3-5
Cavalry Stables**

3.2.1.2 Letterman

The Letterman planning area is located just west of the historic Lombard Gate entrance to the Presidio. The Letterman planning area is approximately 24 hectares (60 acres) and it is designated as a mixed-use residential and working campus. Doyle Drive runs along the northern boundary of the Letterman District, separating it from the Palace of Fine Arts and Exploratorium. The 9-hectare (23-acre) original Letterman complex included a hospital, research facility, wards, clinics, offices, dormitories, and warehouses. In early 2002, the Letterman Army Medical Center and Letterman Army Institute of Research buildings were demolished for the construction of the Letterman Digital Arts Center, a digital arts campus that will be the future home of Lucasfilm’s subsidiary companies. The Letterman Digital Arts Center will create an office campus consisting of new buildings comprising approximately 78,968 square meters (850,000 square feet) of space. The Digital Arts Center will be engaged in research, development and production of digital arts and technologies for use in entertainment, education, communications, and other industries. Also included on the site will be an underground garage for approximately 1,500 vehicles, as well as landscaped open space/public garden available for use by park visitors, employees of the Digital Arts Center, other Presidio tenants, and area residents (see Figure 3-6). The project is scheduled for completion in the summer of 2005 (The Presidio Trust, March 2000, and Lucasfilm, 2004).



Source: Parsons Brinckerhoff, July 2004.

**Figure 3-6
Letterman Digital Arts Center (under construction)**

Along the northern edge of the Letterman District, and immediately adjacent to Doyle Drive, is a row of historic warehouses on Gorgas Street which contain a mix of uses including storage, commercial and recreational. Additional warehouse and office uses are found in the buildings located along Thornburg Road.

To the east of the original Letterman District are groups of office buildings (Buildings 1000 – 1004 and Buildings 1007 -1009) and former residences (Buildings 1000 -1004) (see Figure 3-7). These buildings are occupied by the multi-tenant non-profit Thoreau Center for Sustainability.



Source: Public Affairs Management, August 2000.

Figure 3-7
Office buildings, east of Letterman Complex

On the western edge of the Letterman District, north of the office buildings, are an apartment complex and two buildings (Buildings 1029 and 1030) that have been transformed into the Swords to Plowshares Veterans Academy (see Figure 3-8), an educational and job training center serving formerly homeless veterans.



Source: Public Affairs Management, August 2000.

Figure 3-8
The Veterans Academy

The former Officers' Family Housing area is located just south of the Letterman planning area in the East Housing planning area. This building is still used for housing.

3.2.1.3 Main Post

The Main Post planning area encompasses approximately 49 hectares (120 acres) and is located west of the Letterman planning area, with Doyle Drive serving as the northern boundary of the Main Post planning area. The area was historically the center of activity in the Presidio. Subsequently, it is an area containing many historical buildings out of the 138 total buildings. The Main Post is the center of visitor activities, and the NPS Visitor Center (see Figure 3-9) and the Trust offices are located in this area. The area contains rows of former barracks that are now used as office buildings surrounding a large parking lot that was once a parade ground. The PTMP designated the Main Post to continue in its role as both a visitor and community center for the Presidio. Preferred land uses in the planning area include office, cultural, educational, residential and lodging, service retail, and recreation.



Source: Public Affairs Management, August 2000.

Figure 3-9
National Park Service Visitor Center, Main Post

A bowling alley (see Figure 3-10), theater, YMCA gymnasium, and tennis courts provide recreational activity in the area. On the outer east side of the Main Post are former Officers' quarters which remain as residences today. On the outer edges of the Main Post are buildings used for community services. A child development center and community center are located to the south of the old parade grounds. West of the main parade grounds is the Golden Gate Club, which is currently being used as a conference center. On a small hill overlooking the Main Post is the Post Chapel.



Source: Public Affairs Management, August 2000.

Figure 3-10
Bowling Center, Main Post

Tennessee Hollow is one of the Presidio's primary watersheds, and it runs through the Main Post planning district. This watershed feeds the restored Crissy Marsh. The GMPA and PTMP recommend that surface drainage and native riparian habitat be re-established within this watershed. The drainage system in Tennessee Hollow is largely contained in underground storm drain pipes, which would be restored to surface flow supporting a corridor of riparian habitat. Surface reconnection of the Tennessee Hollow freshwater system with the Crissy Marsh saltwater system would provide for the rich freshwater/saltwater marsh transition zone, highly valued for its biodiversity. The riparian corridor from the bay to the uplands on the Presidio would provide quality wildlife habitat and migration pathways.

3.2.1.4 Fort Scott

The Fort Scott planning area is located west of the Park Presidio interchange and extends west to Lincoln Boulevard along the border with Area A. The planning area is approximately 53 hectares (132 acres) and contains 157 buildings, most of which are historic. The area is characterized by Battery Howe-Wagner, a series of enlisted barracks (see Figure 3-11), warehouses, and other residential buildings. The former enlisted barracks surround a field with a baseball field and basketball courts at one end and an open grassy field on the other. The USPP occupy one of the former barracks buildings and the San Francisco Fire Department occupies another. The other buildings appear to be vacant. Due to the peaceful setting of the Fort Scott planning area, the PTMP has designated the area as ideal for education, conferences, and research with supporting lodging, housing and offices.



Source: Public Affairs Management, August 2000.

Figure 3-11
Former barracks, Fort Scott

North of the barracks is a small chapel and an adjoining vacant warehouse. The Log Cabin Recreation Center is also located to the north of the barracks on Storey Street. East of the barracks is Battery Howe-Wagner, several occupied single-family and duplex houses, and several warehouses. Currently the Native Plant Nursery occupies one of the warehouses. Additional larger houses, formerly reserved for officers, are located south of the barracks and the Battery.

The former Pilots' Row is located north of Doyle Drive, overlooking Crissy Field to the east (see Figure 3-12). The former Pilots' Row includes two-story single-family homes along Lincoln Boulevard and several apartment buildings behind them.



Source: Public Affairs Management, August 2000.

Figure 3-12
Pilots' Row on Lincoln Boulevard

3.2.1.5 South Hills

The South Hills planning area is the largest planning area encompassing approximately 235 hectares (580 acres). The area is dominated by open space and recreation facilities with some residential uses. The northernmost point of the South Hills planning area is the San Francisco National Cemetery (see Figure 3-13). The cemetery is located just south Doyle Drive and east of Park Presidio Boulevard. The cemetery is administered by the U.S. Department of Veterans Affairs. Within the cemetery are the graves of former U.S. soldiers and their families. A cluster of Mission Revival style buildings are at the cemetery's northern end near the entry gate.



Source: Public Affairs Management, August 2000.

Figure 3-13
San Francisco National Cemetery

3.2.1.6 Area A

The coastal region of the Presidio is designated as Area A and it is under the management of the NPS. Several distinctive features are located within the 131 hectares (323 acres) that comprise Area A, including Crissy Field, Crissy Marsh, Fort Point, and the historic batteries.

Crissy Field is located north of Doyle Drive, extending to the shoreline of the San Francisco Bay (see Figure 3-14). The area, formerly used as an airfield for the U.S. Army, is now being used as public open space and it has been restored to its natural wetland geography. Through the NPS Crissy Field Renovation Project, a 7.3-hectare (18-acre) tidal marsh was created with an outlet to the bay that allows water to ebb and flow with the tides. A large meadow was created west of the marsh for recreational activities. In addition, the NPS has planted native plants to restore the area to its natural conditions. West of this area is Battery East and Fort Point, two historical sites and popular tourist destinations.



Source: Parsons Brinckerhoff, July 2004.

Figure 3-14
Crissy Field

The Golden Gate Promenade multi-use trail runs along the shoreline providing bicycle and pedestrian access to the Golden Gate Bridge from the Marina district (see Figure 3-15). This area creates a continuous band of public open space north of Mason Street from Marina Green through Crissy Field to Fort Point, located at the south end of the Golden Gate Bridge. Pedestrian and bicycle trails encircle the Crissy Field area, making this area an active recreation area in which to walk, run, bicycle, roller blade, and enjoy other activities. Picnic areas, restrooms and parking facilities are located on the northeast shoreline, close to the Marina Green. The recreational uses at Crissy Field are physically separated from Doyle Drive by Mason Street and existing buildings.



Source: Public Affairs Management, August 2000.

Figure 3-15
Golden Gate Promenade in Crissy Field

Along the shoreline, across from the old airfield, is the Historic Coast Guard Station, which includes a residential building, an office building, a boathouse and a fishing pier (see Figure 3-16). The Gulf of the Farallones National Marine Sanctuary Visitor Center is housed in this area.



Source: Public Affairs Management, August 2000.

Figure 3-16
Historic Coast Guard Station, Crissy Field

The northernmost point of Area A includes Fort Point, located at the south end of the Golden Gate Bridge. The Golden Gate Bridge (see Figure 3-17) continues to be an important regional transportation link as well as a tourist destination and definitive symbol for the city of San Francisco. On the hill on the west side of the Bridge are administration and maintenance buildings for the GGBHTD. Many of these buildings are temporary offices and maintenance buildings. On the east side of the Golden Gate Bridge is the viewing area and the Golden Gate Bridge gift shop. Beneath the bridge along the northwestern shoreline of the Presidio stands Fort Point (see Figure 3-17) and Battery East. These historic military structures are also major tourist attractions. They have a beautiful view of the Golden Gate Bridge and across the Bay to Angel Island and Marin County. The Golden Gate Promenade links Crissy Field to Fort Point.



Source: Photo from NPS website, www.nps.gov/fopo

Figure 3-17
Fort Point and the Golden Gate Bridge

Along the western portion of Area A overlooking the Pacific Ocean are a series of military battery buildings built in the late 1800s and early 1900s including Battery Godfrey (see Figure 3-18). These historic structures are maintained by the NPS. Informal trails run through the vegetation linking each battery. Surrounding the

batteries are natural wildlands with steep slopes. In order to allow preservation of the natural areas, there is no plan for future development of this area.



Source: Public Affairs Management, August 2000.

Figure 3-18
Battery Godfrey

3.2.1.7 San Francisco Neighborhoods

The Doyle Drive study area includes part of San Francisco neighborhoods adjacent to the Presidio. These areas include the Marina district (west of Broderick Street), which includes the Palace of Fine Arts/Exploratorium area, the Lombard Street corridor (between Chestnut and Greenwich Streets), and the Cow Hollow neighborhood (north of Greenwich Street and west of Broderick Street). The Marina Green, Saint Francis Yacht Club and promenade along Marina Boulevard are important recreational uses in the area adjacent to the project study area.

The remaining adjoining land uses are primarily residential. The Marina neighborhood primarily consists of primarily two-story single family homes, with some neighborhood commercial uses located on Chestnut Street. Tourist- and highway-oriented commercial uses including many hotels and restaurants are located on the Lombard Street corridor (U.S. Highway 101). The Lombard Street corridor (U.S. Highway 101) divides the Marina neighborhood from the Cow Hollow neighborhood. Adjacent to the Presidio are ground floor commercial uses on are located along Lombard Street and Lyon Street between Lombard Street and Greenwich Street. These commercial uses are mostly neighborhood-oriented, with the exception of a motel where Lombard Street and Richardson Avenue merge. The Cow Hollow neighborhood consists of mainly three- and four-story single family homes and apartment buildings, with neighborhood commercial uses primarily on Union Street.

Residential neighborhoods have developed on the borders of the Presidio. Part of the Marina and Cow Hollow neighborhoods are within the eastern end of the Doyle Drive Project study area. The Marina Green, located east of the Presidio along Marina Boulevard, provides recreational opportunities along the shoreline for both residents and tourists.

3.2.2 Development Trends

Past and Current Development Trends

Based on legislation adopted in 1972, the Presidio became part of the GGNRA in 1994 when the U.S. Army transferred jurisdiction of the park to the NPS. Since 1998, the park has been managed by both the NPS, who oversee Area A (coastal), and The Presidio Trust, who manage Area B (interior). While the two agencies have jurisdiction over separate areas of the Presidio, they engage in many cooperative programs. The GMPA, as previously discussed, serves as the planning document for Area A of the Presidio, while the PTMP guides development in Area B. Under the GMPA many wetlands and natural riparian corridors have been restored including Crissy Marsh. Under guidance of the PTMP many historic buildings have been rehabilitated and adapted for civilian uses, visitor and public safety services have been established throughout the park and numerous preservation and rehabilitation efforts for native plant communities, historic forest zones and landscaped vegetation areas have taken place. Current development in the Presidio includes the construction of the Letterman Digital Arts Center on the site of the former Letterman Hospital; initial construction phases of the Richardson Avenue slip ramp which will provide access into the Presidio at Gorgas Avenue from eastbound Richardson Avenue; construction of a transit center along Lincoln Boulevard adjacent the Post Office (Building 210); on-going building rehabilitation; and initial studies for the restoration of the Tennessee Hollow riparian corridor and expansion of Crissy Marsh.

Future Trends

The Presidio would remain primarily in open space with its natural, historic, scenic, cultural and recreational resources preserved for public use and enjoyment. Open space would be increased by approximately 40.5 hectares (100 acres) and building space would be decreased over time, primarily by removing non-historic housing in the southern portion of the park. The natural environment would be enhanced, remnant systems preserved and expanded, native plant and wildlife species protected, the historic forest preserved and rehabilitated, and streambed corridors enhanced or restored. Recreational resources and visitor experience opportunities would be enhanced. The total building area in the park would be reduced by approximately 33,445 square meters (360,000 square feet) or more, from the 553,702 (5.96 million square feet) that currently exist to 520,257 square meters (5.6 million square feet) or less.

Nearly one-third of the building space would be set aside for public uses such as visitor centers, lodging, cultural and educational uses. The integrity and historic character of the NHLD would be protected, though over time limited changes in keeping with the park's character would occur. Historic buildings and landscapes that distinguish the NHLD would be rehabilitated and adaptively used. Some new construction would occur, limited to developed areas and compatible with existing structures, to facilitate the rehabilitation and reuse of historic buildings, and to meet other park objectives, including replacement of housing removed to expand open space. Housing demand would be monitored and the supply of housing would not exceed the current count of about 1,650 units. An improved mix of housing types would be achieved through subdivision and conversion of existing buildings, and potential new construction.

Planning efforts are underway to restore Tennessee Hollow to a surface drainage with native riparian habitat and to expand Crissy Marsh. The GMPA includes a plan to expand the Crissy Field marshland, which commenced in 2002 when the Trust, Golden Gate National Parks Association (GGNPA) and NPS began a collaborative planning effort to study the performance of the marshland and assess what further expansion would be required in order to assure the longevity of Crissy Field as an ecosystem. Prior studies have indicated that a minimum expansion of 5 hectares (12 acres) may be required to sustain the tidal marsh into the future.

Construction of the water recycling system in Building 1063 (former Medical Supply Warehouse) in the Presidio will begin shortly. The system will provide high-quality recycled water for landscape irrigation and other non-potable uses, reducing the potable water demand, and reducing the amount of sanitary sewer flows to the City and County of San Francisco's combined sewer system (The Presidio Trust, 2002). The system will provide an additional source of water for the Presidio. The Letterman Digital Arts Center is currently under construction and will include development of new buildings, an underground parking garage,

and public open space. Under guidance of the PTMP, the Presidio will continue to be protected and maintained as a national park but also thrive as a community.

In the neighborhoods outside of the Presidio, several transit improvements have been proposed. The San Francisco Countywide Transportation Plan (SFCTA, 1997) includes a discussion of potential extension of the MUNI "E" trolley line along the shoreline. This extension is also mentioned in the Transportation Element of the San Francisco General Plan, San Francisco Bay Conservation and Development Commission's (BCDC) The San Francisco Bay Plan, and the Presidio's GMPA.

The E-line will initially run from Caltrain to Fisherman's Wharf along The Embarcadero, using existing MUNI Metro and F-line tracks. The current MUNI E-line feasibility study will examine two incremental extensions of the service, with the first increment extending to Lower Fort Mason and the second increment going all the way to the Presidio. Tying the Presidio, Fort Mason and Aquatic Park into the E-line would link together the entirety of San Francisco's northern and central waterfronts. The E-line would provide transbay commuters access to many points in the City by connecting all San Francisco ferry terminals to Caltrain, BART, and SamTrans.

The San Francisco Department of Parking and Traffic developed a Marina Boulevard Traffic Study Proposed Scope in 1997 to assess the impacts and benefits of adding bike lanes and center refuge islands and reducing the existing four lanes on Marina Boulevard between Lyon and Laguna Streets. The study of the proposed Marina Boulevard changes has not occurred because the study has not been funded.

SECTION 4: IMPACT ANALYSIS

The impact analysis examines both the construction period impacts (temporary) and impacts associated with the permanent operation of a new facility (long-term). The following is a description of the general construction activities to provide an overview of activities and material which would be involved in the construction of a new Doyle Drive.

The estimated construction period is between four to five years for all build alternatives. During the construction period there would be a disruption of normal activities within the Presidio resulting from the introduction of construction noise, a change in the visual setting and movement of equipment and materials. Unless specifically noted in Section 4.2.1, all buildings and uses would be able to function in their normal capacity during the construction period. All construction activities are expected to comply with the Caltrans Standard Specifications and provisions of the City of San Francisco noise ordinance in order to minimize construction disturbance and control noise, dust, vibration, and traffic within the Presidio and to neighboring residents. The visitor experience to the Presidio would be degraded during the construction period as the normal scenic and tranquil setting would be disrupted by the sights and sounds of construction. Visitors to and those working in the Presidio, however, would still have full access and use of the facilities at the park.

All build alternatives would involve standard construction techniques and require large-scale construction equipment and labor-intensive activities. General activities would include:

- site preparation and mobilization of equipment to the staging areas;
- clearing and grubbing, utility relocation, grading, and dewatering;
- foundation construction including excavation and pile installation;
- roadway construction, placement of reinforced concrete and precast concrete, installation of steelwork, and landscaping; and
- removal of existing facilities and demobilization.

Equipment would include drill rigs, pile and pneumatic hammers, backhoes, sheet piling, cranes, bentonite mixing and processing equipment, an on-site concrete batching plant, concrete trucks, and delivery trucks. Impact tools would be equipped with intake and exhaust mufflers while pavement breakers and jackhammers would be equipped with acoustically attenuating shields or shrouds.

Staging areas vary by alternative. The Replace and Widen Alternative – No Detour Option would only use the parking lot of the Post Exchange and Commissary as the primary staging area. For the Replace and Widen Alternative - Detour Option the primary staging would occur on the parking lot and the footprint of both the Post Exchange (Buildings 605 and 606) and Commissary (Buildings 610 and 653). The primary staging area for the Presidio Parkway Alternative would be the Post Exchange building footprint and parking lot. Each alternative would use a secondary staging area on the parking lot between Buildings 230 (Warehouse) and 1063 (Medical Supply Warehouse). Access to the buildings adjacent to the staging areas and throughout the Presidio would be maintained throughout the construction period.

Pile installation would be done with both driven and drilled techniques. Driven piles would be used only in those areas that have been determined to be a safe distance (approximately 60 meters [200 feet]) from historic structures in order to reduce the effects of vibration.

The designated haul routes within the Presidio during the construction period are Mason Street, McDowell Avenue and Lincoln Boulevard. The effects to traffic are discussed in Section 4.1.1.1.

4.1 COMMUNITY IMPACTS

The analysis of community impacts involved reviewing impacts of the Doyle Drive Project alternatives in the study area neighborhoods in relation to traffic, transit, bike/pedestrian facilities, noise, visual, environmental justice, employment, and community facilities and public services on both a temporary basis in terms of construction related impacts and on a long-term basis in terms of operational impacts of a new facility.

4.1.1 Social Impacts

4.1.1.1 Traffic

Each of the Doyle Drive Project alternatives was analyzed to determine if they would result in adverse effects to the transportation system within the study area. Potential impacts were evaluated for different components of the system including Highway 101 and Doyle Drive, access ramps leading to and from Doyle Drive, local roadways and intersections providing access to and from the Presidio, transit, and bicycle and pedestrian facilities. Existing (year 2000) and future 2030 No-Build conditions were identified to establish baseline conditions. Future conditions are based on the travel demand forecasting model developed by the San Francisco County Transportation Authority. The model reflects ABAG's Projections 2002 demographic assumptions for the region, MTC's Draft 2001 Regional Transportation Plan for the San Francisco Bay Area (Adopted December 2001/Amended November 2002), and the Presidio Trust Implementation Plan (Trust, July 2000). Both long-term impacts and temporary impacts that would occur during construction were evaluated. The complete traffic study is in the Final Traffic and Transit Operations Report (DKS Associates, November 2004).

Temporary Impacts

Ramp/Road Closures and Operational Changes. During various construction stages in the project, some ramps or roadways would need to be closed for a period of time ranging from one to six months. The preliminary construction phasing has determined a number of instances where roadway lane capacity would be reduced. Because each closure affects traffic in a different corridor at different times of day, each of these projected traffic conditions were examined individually.

General 2010 Traffic Conditions. By 2010, traffic on major facilities is expected to grow, with most growth occurring mainly in the non-peak commute direction. Generally, mainline Doyle Drive volumes are not projected to change by more than 200 vehicles.

Replace and Widen Alternative: Park Presidio/Doyle Drive Ramp Closures. For the Replace and Widen Alternative, there are two major situations anticipated that could affect traffic. For both the No Detour Option and Detour Option, ramp closures would be required in the initial stages of the project. The two ramps proposed for closure are those that connect Park Presidio Boulevard northbound to Doyle Drive southbound, and Doyle Drive northbound to Park Presidio Boulevard southbound during a simultaneous six month period. While the Doyle Drive northbound to Park Presidio Boulevard southbound ramp may be closed for a longer duration, this particular situation represents the early critical "worst case" traffic diversion scenario. At a peak hour basis, the Park Presidio Boulevard to Doyle Drive southbound ramp is projected to carry 930 vehicles in the AM peak hour and 730 vehicles in the PM peak hour. The Doyle Drive northbound to Park Presidio Boulevard ramp is projected to carry 430 vehicles in the AM peak hour and 910 in the PM peak hour. The removal of these vehicles means that a total of 1160 vehicles would be diverted in the AM peak hour and 1640 in the PM peak hour to other ramps and streets. As a result of this closure, it is projected that most drivers (over 60 percent in each time period) would not use either Park Presidio Boulevard or Doyle Drive; these drivers would make their trips on Richmond district streets. The remaining 40 percent (about 510 in the AM peak hour and 730 in the PM peak hour) would travel up Park Presidio Boulevard and cut through the Toll Plaza Visitor's area to continue their trip. These trips would distribute evenly; half (or 20 percent overall) would cut underneath the Toll Plaza, and the other half would use Lincoln Boulevard to cross underneath Doyle Drive to cross between one side to the other. This is forecasted to result in 350 AM peak

hour vehicles and 100 PM peak hour vehicles traveling underneath the Toll Plaza in the peak direction, through this narrow roadway segment. Except for this localized increase in traffic in the toll plaza area, no other significant change in local Presidio traffic volumes is forecast to occur. Thus, other local roadways are not expected to have deterioration in traffic speeds, or resulting levels of service.

Appropriate actions would be to discourage traffic in the Toll Plaza area by warning motorists of the lane closure and encouraging alternate routes, as well as coordinating an overall trip reduction strategy as part of the Transportation Management Plan (TMP).

Replace and Widen Alternative: Lincoln Boulevard Closure. One rerouting of local Presidio traffic would occur during a three month period at the same time that the ramp that connects Park Presidio Boulevard northbound to Doyle Drive southbound is closed, early in the project. During Stage 2, Lincoln Boulevard near the National Cemetery is proposed for closure for a three month period. During this time, local traffic would be diverted to Halleck Street, Mason Street and McDowell Avenue. The most critical time period for this closure would be the PM, when 230 vehicles would be expected to use this diverted route westbound. As the detour roads have fewer than 50 vehicles forecast on them at peak hour, the additional traffic should not result in any adverse congestion.

Replace and Widen Alternative: Marina/Richardson Merge and Diverge Relocation. In Stage 3 of the Replace and Widen Alternative - No Detour Option, a division of the Marina and Richardson merge (northbound) and diverge (southbound) points would be required. As traffic speeds and capacities would be reduced for this period, an overall drop of 80 vehicles northbound and 340 vehicles southbound would occur on Doyle Drive in the AM. The PM volumes would drop by 160 vehicles northbound and 250 vehicles southbound. These vehicles would relocate to a variety of other streets, with no other local streets showing more than 100 vehicle increases in traffic. Therefore, no major efforts would be needed to reduce regional traffic volumes as a result of this shift beyond a general project-related traffic reduction strategy.

Replace and Widen Alternative: Marina Boulevard Access. In a later stage in the No Detour Option, the replacement of Marina Boulevard access would require a temporary rerouting of traffic south of the facility. This traffic would need to cross a temporary northbound Richardson Avenue roadway at an at-grade intersection. As there is also a temporary ramp proposed for much of the construction period to run from Doyle Drive northbound to Park Presidio Boulevard southbound and the temporary ramp may attract more traffic through the project site, this situation was tested with and without this temporary ramp in place.

The northbound Doyle Drive volumes would drop by 60 vehicles and the southbound by 220 vehicles. In the PM condition, the roadway is projected to have a drop of 160 vehicles in the northbound direction, and less than 10 vehicles in the southbound direction. The traffic is anticipated to disperse to a variety of other streets, with no other street showing traffic changes of more than 100 vehicles in a direction.

The new intersection created in this situation should operate satisfactorily, assuming that three outbound lanes are available on Richardson Avenue through this intersection, and that two left-turn travel lanes are available for traffic wishing to travel to Marina Boulevard. The high volume of PM peak hour right-turning traffic from the Marina detour (in addition to concerns about site distance) may also necessitate a signal control

Assuming that all design constraints are met, no additional actions beyond the normal traffic reduction strategy for the project would seem to be needed.

Presidio Parkway Alternative: Lincoln Boulevard Closure. During Stage 1 Phase 2 of the project, Lincoln Boulevard near the National Cemetery is proposed for closure for a three month period. During this time, local traffic would be diverted to Halleck Street, Mason Street and McDowell Avenue. This would occur during a period while the northbound Park Presidio Boulevard hook ramp to southbound Doyle Drive would also be closed. (Note: Halleck Street would be required to be opened when Lincoln Boulevard would be closed.) The most critical time period for this closure would be the PM, when 290 vehicles would be expected to use this diverted route westbound. As the detour roads have fewer than 50 vehicles forecast on them at peak hour, the additional traffic should not result in any adverse congestion.

Presidio Parkway Alternative: Marina Boulevard Access with and without Doyle Drive to Park Presidio Ramp Closure. For the Presidio Parkway Alternative, the “worst case” scenario is the point in the construction staging where traffic to and from Marina Boulevard would need to cross a temporary northbound Richardson Avenue traffic flow. As traffic flow varies between the Diamond Option and the Circle Drive option, both of these situations have been analyzed. Further, the effects of a proposed temporary ramp from Doyle Drive northbound to Park Presidio Boulevard southbound may attract additional traffic, so scenarios with and without this ramp were tested. A final traffic issue is the proposed closing of Halleck Street, which is required during majority of the construction period.

In this scenario, the substantially constrained outbound traffic on Richardson Avenue was tested at two lanes. In this instance, outbound Doyle Drive operated adequately in the AM peak hour, with less than 100 vehicles change on Doyle Drive. However, in the PM condition, the lack of three through lanes posed a substantial barrier to traffic, and over 1,000 vehicles shifted to other streets. About 250 vehicles would shift to Lincoln Boulevard, another 250 vehicles would use Park Presidio Boulevard to reach the bridge, and another 300 vehicles would avoid using the Doyle Drive to Park Presidio Boulevard southbound ramp. In the case where this ramp is closed, the traffic would divert to the toll plaza routing discussed in the Replace and Widen Alternative. The remaining vehicles would disperse to other local streets. Except for this localized increase in traffic in the toll plaza area, no other significant change in local Presidio traffic volumes is forecast to occur. Thus, other local roadways are not expected to have deterioration in traffic speeds, or resulting levels of service.

For this reason, a full three lanes would be needed to carry the volumes coming from Richardson Avenue. With three lanes, the new intersection created in this situation should operate satisfactorily and traffic diversion would not occur. As in the Replace and Widen Alternative, two left-turn travel lanes would need to be available for traffic wishing to travel to Marina Boulevard. The high volume of PM peak hour right-turning traffic from the Marina detour (in addition to concerns about site distance) may also necessitate a signal control.

No substantial congestion is anticipated on roadways within the Presidio. Generally, all of these local roadways are forecast to have stable or slightly lower traffic volumes, even with the closure of Halleck Street. Once Girard Road is opened, it will experience increased traffic, but this even is expected as part of the implementation of the Presidio Parkway Alternative.

These strategies would need additional investigation as part of the TMP, and implementation monitoring with interactive traffic management would be required to alleviate this upcoming bottleneck.

The closure of Halleck Street during the construction of the Presidio Parkway Alternative would result in increased traffic on McDowell Avenue during the PM peak hour, as traffic from the Main Post area could not use Halleck Street. While the volumes are increased, the forecast volumes should remain low enough to enable McDowell Avenue to operate without significant delays. The AM peak hour traffic issues are forecast to be much less, as the base traffic is much lower on Halleck Street and McDowell Avenue during this time period.

During the construction period for any alternative, the majority of equipment and materials would be transported to the site using designated haul roads during daytime hours to minimize disturbance to the surrounding residential neighborhoods and to comply with the City of San Francisco construction noise ordinance. Doyle Drive from the west and Mason Street would be the primary routes for hauling materials. McDowell Avenue would also be used. Lincoln Boulevard adjacent to the Park Presidio Interchange would be needed as a secondary access for construction along the south side of Doyle Drive. Additional haul roads, including completed detour roads, would be identified prior to the start of construction. Following construction, all haul roads would be restored to existing conditions or as defined by the land managing agency.

Construction period traffic management would be addressed in the TMP created during final design for the project. Caltrans would implement the TMP in coordination with the Cooperating Agencies (FHWA, NPS, Trust, Veterans Administration (VA), GGBHTD, and the SFCTA). The TMP would develop strategies to

address general area-wide traffic reduction and management to reduce traffic in the construction area, and minimize both Doyle Drive traffic and diversions to low-speed park roads during construction. An overarching strategy for construction zones begins with encouraging traffic to use alternate routes and reducing the area-wide traffic demand.

Long-Term Impacts

Doyle Drive Traffic. Under the No-Build Alternative, there would be no improvement to traffic safety and future traffic operations on Doyle Drive may be restricted. Although the high-viaduct was retrofitted in 1996 to withstand a maximum credible earthquake (MCE) it is only through extensive monitoring and substantial maintenance efforts that the high-viaduct maintains its current live-load carrying capacity without posting¹¹. Additional retrofit efforts would not improve the poor seismic safety standards of the low-viaduct and the potential for collapse of the structure. The seismic risk assessment undertaken in 1998 assumed that the low-viaduct would be replaced in 5 to 10 years and that given its current designation as “Structurally Deficient” only stop-gap interim rehabilitation measures to maintain traffic would be implemented. Due to the limited load bearing capacity of the roadway, future traffic operations may be limited to automobiles only, forcing trucks and buses to use other connections to and from the North Bay.

In the future, changes in traffic conditions and volumes within the Doyle Drive corridor are expected due to regional growth and implementation of the development plans of the PTMP. Compared to existing conditions (year 2000), traffic volumes and travel times are expected to increase and levels of congestion are expected to worsen by 2030.

Compared to 2030 No-Build conditions, the difference in traffic volumes between each of the build alternatives would only vary by eight percent within the study area and would result from the access option used. Mainline Doyle Drive traffic flows would increase by less than ten percent over year 2000 conditions for each of the 2030 scenarios. Traffic volumes on Doyle Drive with the Presidio Parkway Alternative would increase by two percent compared to 2030 No-Build and Replace and Widen Alternatives conditions. Off-peak traffic volumes compared to existing conditions would experience greater growth. Under 2030 No-Build conditions and the Replace and Widen Alternative, off-peak volumes would increase by 38 to 47 percent compared to 2000 conditions. They would increase by 40 to 49 percent with the Presidio Parkway Alternative. Compared to 2030 No-Build and Replace and Widen conditions, the Presidio Parkway Alternative off-peak travel would increase only slightly, by less than two percent.

There would be little change in travel times for trips within the study area with the Replace and Widen Alternative compared to 2030 No-Build conditions. Travel times would decrease slightly (on average, by less than one minute) with the Presidio Parkway Alternatives. However, the introduction of additional signals on Richardson Avenue and Marina Boulevard would result in longer travel times from other points within the study area for the Presidio Parkway Alternative.

Overall traffic operations on U.S. Highway 101 are expected to remain the same or improve for each of the build alternatives compared to 2030 No-Build conditions. There would be no adverse effects on neighborhood travel due to changes on U.S. Highway 101.

Local Street Volumes. Although traffic volumes on local streets within the Presidio are not forecast to reach congested traffic conditions, changes in overall traffic volumes by alternative may influence the overall quality of the park experience, as each vehicle adds some noise and safety concerns to persons using the park.

In the AM peak hour, the highest volumes are expected at the Presidio and Lombard Gates. The volumes at Lombard Gate are forecast to increase by the design year in the No-Build and Replace and Widen Alternatives, while the new access provided by the Presidio Parkway Alternative options would result in less traffic through the Lombard Gate for morning traffic going into the Presidio. The Presidio Gate volumes vary by less than 50 vehicles between any alternative in the design year.

¹¹ Limiting the weight of vehicles permitted on the structure

Another area of increased traffic demand is Halleck Street, where the No-Build and Replace and Widen Alternatives forecast increased traffic. This additional traffic would be ameliorated when direct access is provided between the Main Post area and Doyle Drive in the Presidio Parkway Alternative options. Mason Street traffic would increase in the Replace and Widen Alternative, once the Letterman access ramp from Richardson Avenue is eliminated in this alternative. Finally, Girard Road volumes would increase once the connection to Doyle Drive is made under the Presidio Parkway Alternative.

The PM conditions generally show comparable results, with westbound Presidio Gate traffic decreasing with the Presidio Parkway Alternative options. This alternative would also reduce traffic volumes on Halleck Street and Mason Street. Generally the volume changes would be attributed to the introduction of direct access between the Main Post area and Doyle Drive.

4.1.1.2 Transit

Access to MUNI transit would be improved with new bus stops located in the eastern portion of the Presidio. Connecting the PresidioGo shuttle service with the new bus stops would provide improved links between transit options and access to destinations within the Presidio. Depending on the alternative, new bus stops would be placed along Richardson Avenue and Gorgas Avenue.

Temporary Impacts

Bus service would be maintained into the Presidio during construction. Bus stops may be temporarily relocated due to construction activity.

Long-term Impacts

Travel times are expected to increase about one minute on all transit routes in peak directions in year 2030 when compared to year 2000 conditions. However, the effect of each alternative travel time varies according to the transit route. Because the Doyle Drive corridor mainly affects Golden Gate Transit (GGT) and longer MUNI routes, the impacts to overall transit travel time of about one minute or less per trip is less than five percent of the 45 to 120 minute one-way trip time on these routes.

4.1.1.3 Bicycle and Pedestrian Access

Temporary Impacts

Bicycle and pedestrian access would be maintained within the study area during construction. Some bicycle and pedestrian facilities may be temporarily closed or relocated but access to all buildings would be maintained.

Under the Replace and Widen Alternative, bicycle and pedestrian access at all locations throughout the study area would be maintained during construction with the exception of some nighttime roadway and path closures which would require the temporary detour of bicycle and pedestrian traffic.

Under the Presidio Parkway Alternative, bicycle and pedestrian access would be closed along Bank Street from the Main Post to the Commissary parking area until the Main Post tunnels are built. While Halleck Street is closed, it is anticipated that bicycle and pedestrian access from Crissy Field to the Main Post would be maintained via Marshall Street. Portions of Lincoln Boulevard and Crissy Field Avenue would experience temporary closures. Access across the Doyle Drive corridor would also be maintained throughout construction at Crook Street, along McDowell Avenue/Crissy Field Avenue, at the Lincoln Boulevard/Park Presidio Interchange, and at the Lincoln Boulevard/Golden Gate Bridge Toll Plaza.

Long-term Impacts

With the No-Build and Replace and Widen Alternatives, bicycle and pedestrian routes and access would be the same as the existing conditions. The Presidio Parkway Alternative would provide improved pedestrian access and allow connections between the Main Post and Crissy Field, as well as provide pedestrian access along Girard Road from Marina Boulevard and Mason Street to the Main Post. Bicycle and pedestrian crossings would also be facilitated at new signalized intersections at Girard and Gorgas Avenues.

4.1.1.4 Noise

A detailed analysis of noise and vibration is available in the Revised Noise and Vibration Study (Environmental Science Associates, September 2004) which was conducted following guidelines in 23 CFR 772 and Caltrans' Traffic Noise Analysis Protocol. Compliance with 23 CFR 772, the FHWA's noise standard, satisfies NEPA requirements with respect to traffic noise impacts. The noise and vibration analyses were also conducted following methodologies that are consistent with CEQA. In addition, the analysis considered City of San Francisco Noise Ordinance requirements.

The land uses most sensitive to noise occur near the eastern and western limits of Doyle Drive. Within the areas to the east, there are residential land uses. The Palace of Fine Arts is also located with this area. At the western limits of the roadway, residential enclaves are located immediately north and south of the potential construction activity. North of Doyle Drive throughout the construction limits, most of the property includes commercial, warehouses and industrial uses that are much less sensitive to construction noise. A notable exception is the Crissy Field Center.

Sensitive receptors within the Doyle Drive corridor include residential areas along and in the vicinity of Armistead Road (northwest of the junction of Highway 1 and Doyle Drive), Storey Avenue (north of Ruckman Avenue), Riley Avenue, General Kennedy Avenue, and Girard Road. In some cases, these residential areas are in active use. Other residential areas appear to be vacant but are designated as residential and are not slated for removal under the Presidio's GMPA. These areas are presumed to be available for residential purposes in the future. Additional noise-sensitive uses within the Doyle Drive corridor include the Post Chapel and Crissy Field. Sensitive receptors east of the Presidio include the residences immediately east of the Palace of Fine Arts along Baker Street, along the south side of Marina Boulevard, along the east side of Lyon Street north of Lombard, and along both sides of Richardson Avenue.

Existing conditions indicate the noise environment within the Doyle Drive corridor is typical of urban highway corridors. Of the 35 monitoring receptor sites, 29 already approach or exceed their "Noise Abatement Criteria" (NAC). The fact that existing levels already approach or exceed the NAC in many instances is due to the proximity of noise sensitive land uses to the roadways and the increase in traffic over the life of Doyle Drive and other local roads and streets.

Temporary Impacts

The extent and exposure to construction noise would vary greatly depending on the alternative selected and the distance sensitive receptors are from the noise sources. With the possible exception of pile driving, most construction noise levels would be in range of 85 to 90 dBA within 15 meters (50 feet).

Several specific sites have been identified where construction noise impacts are of special concern. One of those sites is the Crissy Field marsh and shoreline areas. Due to the distance from most construction activities and the active nature and use of this site, any potential construction noise impacts would be of short duration and could be minimized or eliminated by the application of abatement options. Vibration concerns likewise are not anticipated to create conditions which would adversely impact the area. Although construction noise impacts are not anticipated for the Crissy Field and Crissy Marsh area there still could be a reduction in the levels of participation among the volunteer groups that help maintain Crissy Field and Crissy Marsh due to a perception that the construction related noise, dust, and vibration could adversely impact the volunteer experience. Presidio Park Stewards, school groups, special groups, and community service workers provide approximately 11,750 person hours of maintenance annually.¹²

At the Crissy Field Center, construction noise impacts associated with all build alternatives are not expected to adversely impact the use and function of the center unless pile driving activities take place. Since numerous options exist to eliminate the need for pile driving, no construction period adverse impacts are anticipated. Since many of the activities are conducted indoors, the building envelope creates at least a 20 dBA reduction over outdoor noise levels. No other sources of construction noise impacts are anticipated in this area although short-term impacts could occur. One source of short-term noise is the back up alarms of

¹² Rick Foster, Golden Gate National Recreation Area, personal correspondence, September 2004.

construction vehicles. Overall, there would not be an increase in noise levels at the Crissy Field Center associated with the detour facility of the Replace and Widen Alternative – Detour Option.

Potential construction impacts on the Cavalry Stables area would vary greatly depending upon the alternative selected and the construction methods employed. As noted above, pile driving is not anticipated to be part of the project, although demolition activities could create short-term higher noise levels that could cause a startle reaction in the horses.

The area around Stilwell Hall was also identified as an area where construction noise impacts would be of concern. Located in the vicinity of the Cavalry Stables, any special efforts to reduce construction or demolition noise for the stables would have a positive benefit for the area around Stilwell Hall. Because of the close proximity of construction activities to the building, care would be taken to ensure that the use of Stilwell Hall could be maintained throughout the construction phase.

Residences along Richardson Avenue and Marina Boulevard could be exposed to construction noise in excess of 89 dBA while construction activities are conducted at the eastern end of the alignment.

A number of measures could be taken to reduce construction noise exposure at noise sensitive sites and to meet appropriate requirements. These measures would be consistent with Caltrans and NPS policies, and could include the following:

- Equipment used for construction activities should not exceed 86 dBA (L_{max}) at a distance of 15 meters (50 feet) based on the Caltrans Traffic Noise Analysis Protocol, and no piece of construction equipment should exceed 80 dBA at a distance of 30 meters (100 feet) based on the San Francisco Noise Ordinance.
- Impact tools and equipment should be equipped with intake and exhaust mufflers recommended by manufacturers and approved by the City of San Francisco Department of Public Works (based on the San Francisco Noise Ordinance).
- Pavement breakers and jackhammers should be equipped with acoustically attenuating shields or shrouds recommended by the manufacturers and approved by the City of San Francisco Department of Public Works.
- Construction activity between the hours of 8:00 p.m. and 7:00 a.m. should be prohibited if the noise level created is greater than 5 dBA above the ambient at the nearest property line. It should be noted that under certain circumstances, a special permit could be granted by the City of San Francisco Department of Public Works if nighttime construction is required.

To minimize noise impacts from pile driving and other construction equipment, consideration would be given to the use of alternate construction methods when near sensitive receptor locations. Examples are pre-drilling of pile holes, avoiding cracking and seating methods for resurfacing concrete near sensitive receptors, and the use of rubber tired as opposed to tracked vehicles.

Through implementation of appropriate vibration management measures including pre-construction surveys, ground vibration monitoring and setting appropriate construction vibration limits, there would be minimal impact associated with the construction of any build alternative.

Long-term Impacts

The long-term noise impacts are associated with the future traffic generated noise levels. For the year 2030, noise levels under the No-Build Alternative shows a range from 53 to 80 dBA, while the Replace and Widen Alternative has a range from 53 to 81 dBA. The Presidio Parkway Alternative - Diamond Option shows a range from 54 to 77 dBA while the Circle Drive Option has an identical range. In general, the overall traffic noise environment is not expected to change noticeably, regardless of the alternative selected. The impacts are very location specific and tend to be concentrated in the residential areas along Storey Avenue and Armistead Road (with the Merchant Road slip ramp option), the Battery areas, and the residential and commercial uses along Richardson Avenue due to the close physical proximity of the roadway to the homes,

often less than 6 meters (20 feet). In these areas the noise levels either equal or slightly exceed the existing NAC.

No adverse noise impacts associated with any of the alternatives are expected at the Crissy Field Center, the Crissy Field area north of Mason Street, the Cavalry Stables, or Stilwell Hall.

No additional noise impacts are expected due to the tunnel portal and exhaust fans associated with the Presidio Parkway Alternative.

During the design process for the preferred build alternative for Doyle Drive (assuming that the No-Build Alternative is not the preferred alternative), a detailed noise analysis should be performed. The detailed analysis would determine if noise barriers are reasonable and feasible abatement measure to reduce predicted traffic noise impacts at certain locations within the Doyle Drive corridor.

4.1.1.5 Visual

The methodology used in the Draft Revised Visual Impact Assessment (PAM, July 2004) was developed using guidelines provided in the FHWA's Approach to Visual Assessment of Highway Projects (FHWA, not dated). The analysis of potential community impacts considers viewers responses to changes in visual resources. Community disruption, orientation and privacy were the set of criteria used to evaluate how typical viewers respond and perceive the relationship between a transportation corridor and the surrounding neighborhood.

Both changes in physical and visual conditions can result in a perception of community disruption, including changes that make the project more visible and obstructive. This criterion applies mainly to views to the road from residential, recreational, and office commercial viewer groups. Orientation refers to the visual references along a travel route that gives travelers information on their regional and local location, and can improve a sense of direction or perceived safety. The impact evaluation considers the opening up of views to recognized landscape features or potential continuous view blocking along travel routes. The privacy criterion considers direct-sight lines in residential neighborhoods from the roadway to adjacent homes and gardens.

Temporary Impacts

Temporary visual impacts at locations throughout the project corridor are expected during construction of any build alternative. During the construction period, lasting approximately four to five years, construction activities would affect the existing visual setting. Visually intrusive signs of construction would include heavy equipment, landscape removal, grading, and stockpiles of materials. In addition, temporary detour structures associated with the Replace and Widen Alternative – Detour Option and temporary or permanent removal of some buildings would disrupt the visual aesthetics of the Presidio and adjacent neighborhoods. Following construction, detour structures would be removed and landscaping would be restored throughout the construction corridor.

Long-term Impacts

Under the No-Build Alternative, the Presidio and surrounding neighborhood visual effects would remain the same as the existing conditions. Doyle Drive would pose the same visual barrier between the northern areas of the Presidio, such as Crissy Field and those areas to the south of Doyle Drive. The visual cohesiveness of the neighborhoods immediately surrounding the Presidio would also remain the same as existing conditions as no new visual elements would be introduced into the area.

Overall, the changes to the Doyle Drive corridor that would occur under the Replace and Widen Alternative would have a negligible effect on neighborhood visual resources. However, in three locations, the alternative would have a minimally adverse effect. Under the Replace and Widen Alternative – No Detour Option, the proposed increased 2-meter (6.6-foot) elevation of Doyle Drive would place it into view for workers, residents and recreation users in the Main Post and Girard Road areas. From this viewpoint, Doyle Drive is currently not visible. Also, under the Replace and Widen Alternative (for both the No Detour and Detour options) the high-viaduct replacement would be removed and reconstructed closer to the Cavalry Stables and McDowell

Avenue viewpoints and would increase Doyle Drive's visual dominance in this area for workers, residents and recreation users.

The Presidio Parkway Alternative would result in two locations with adverse visual impacts. For the tunnel portion of the alternative near the National Cemetery, motorists' existing views of the National Cemetery, woodlands, Main Post and Crissy Field would be completely obstructed. This change would affect approximately 105,000 to 108,000 motorists daily in 2030. The high-viaduct section located east of the Park Presidio interchange would be removed and reconstructed and moved closer to the McDowell Avenue and Cavalry Stables West viewpoints. Although the distance between the support columns would be larger and allow for a clearer view of Stilwell Hall, the Marin Headlands and the Bay beneath Doyle Drive, the dominance of Doyle Drive would increase within the view and thereby reduce the overall visual quality. This would be a minimally adverse impact.

There would be an overall improvement in intactness and unity of the visual elements in the areas with the removal of the at-grade and low-viaduct elements of Doyle Drive and their replacement with tunnels. With the removal of the low-viaduct, the views to the north along Halleck Street and Gorgas Avenue would be opened for residents of these areas to include the Bay, Golden Gate Bridge, and Marin Headlands.

Under all build alternatives there would be no visual effects to the residents in the Marina and Cow Hollow neighborhoods as only minor changes to Doyle Drive, such as a landscaped median, would be noticeable from the area. Doyle Drive would remain as a key visual element.

4.1.2 Environmental Justice Impacts

Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, signed by President Clinton on February 11, 1994, requires Federal agencies to take the appropriate and necessary steps to identify and address the "disproportionately high and adverse" effect of Federal projects on the health or environment of minority and low-income populations to the greatest extent practicable and permitted by law.

Transportation projects can potentially create social impacts on a community by affecting transportation choices or community facilities that are used by minority or low-income populations. A review of population and income (poverty status) data for the Doyle Drive Project indicates that the study area does not contain higher than average concentrations of minority and low-income groups. Therefore, using the criteria defined in Section 2.1, these groups are not located within areas that could be subject to disproportionate impacts.

Although the minority and low-income residents would not be affected disproportionately by the project, the potential for negative impacts to these groups was evaluated for the Presidio facilities that are used by these groups. This analysis looked at the changes, both temporary and permanent, to the buildings used for these programs and access, both transit and private vehicles, to these buildings.

No-Build and Replace and Widen Alternatives

Under these alternatives, Building 603, which currently houses the Crissy Field Center, would be maintained for cultural and educational purposes. The building would not be temporarily or permanently displaced by either alternative. Also, Buildings 1151 and 1152 which are currently occupied by the YMCA pool and gym respectively and the two Swords to Plowshares buildings (Buildings 1029 and 1030) would not be temporarily or permanently displaced by either alternative. Access to all facilities, including ADA approved access to the Crissy Field Center, would be maintained during the construction period and during the long-term operation of Doyle Drive.

No temporary or long-term noise impacts are expected at the Crissy Field Center or Swords to Plowshares buildings. Current noise conditions at the YMCA pool and gym exceed the NAC. Noise levels above the NAC would remain with implementation of either the No-Build or Replace and Widen Alternative.

No significant or adverse impacts to community facilities serving minority or low-income populations would occur with these alternatives.

Presidio Parkway Alternative

There are two design options associated with the Presidio Parkway Alternative. There would be no temporary or permanent displacement of Buildings 603, 1029, 1030, 1151 and 1152 associated with the Diamond option of the Presidio Parkway Alternative. However, Building 1151 (YMCA Pool) would be permanently displaced with the Circle option of the Presidio Parkway Alternative. However, because the use of this facility is not oriented towards serving minority and low-income populations, the displacement of this building would not disproportionately impact environmental justice populations. Access to all facilities, including ADA approved access to the Crissy Field Center, would be maintained during construction and during the long-term operation of Doyle Drive.

No temporary or long-term noise impacts are expected at the Crissy Field Center or Swords to Plowshares buildings. Current noise conditions at the YMCA pool and gym exceed the NAC. Noise levels above the NAC would remain with implementation of the Presidio Parkway Alternative.

No adverse impacts to community facilities serving minority or low-income populations would occur with this alternative.

4.1.3 Employment Impacts

During the construction period, temporary relocation of certain buildings could be required which would affect employees working in those buildings. The Replace and Widen Alternative – No Detour Option would not temporarily relocate any buildings, but the Detour Option would require either the temporary or permanent removal of four Mason Street Warehouse buildings (Buildings 1182 – 1185). The temporary or permanent removal would affect the 10 employees currently working in Buildings 1182 and 1185. Relocated buildings would be unavailable for use during the relocation period.

In addition to the temporary removal of buildings, each build alternative would require the permanent removal of buildings. Table 4-1 shows the buildings to be removed, the number of employees to be displaced and the alternative for which the removal is required. A discussion of compensation for the temporary and permanent loss of buildings is presented in Section 4.2.1.4.

**TABLE 4-1
EMPLOYEES PERMANENTLY DISPLACED**

Building #	Organization Affected	Employees	Alternatives for which building would be removed
201	Trust	10	Presidio Parkway
204	Trust and NPS	15	Presidio Parkway
230	Trust and NPS	10	Presidio Parkway
231	Trust	8	Presidio Parkway
610	Sports Basement	26 ¹	Replace and Widen – Detour Option
1151	Presidio Community YMCA (pool)	20	Presidio Parkway – Circle Drive Option
1158	Presidio Dance Theatre	5	Replace and Widen – No Detour Option; Presidio Parkway
1182	Office for San Francisco Exploratorium	5	Replace and Widen – Detour Option
1185	Office for San Francisco Maritime National Historic Park	5	Replace and Widen – Detour Option

Source: The Presidio Trust, 2004; Judy Bretschneider, Presidio Dance Theatre, 2004.

Notes: ¹ Data provided by Corey Olender, Woodmont Real Estate Services, 2004.

Construction of either build alternative would require a fairly large workforce. Table 4-2 shows the person-years of labor calculated for each alternative. Construction cost estimates are preliminary at this stage and include labor, materials, and engineering and design. It is anticipated that local employment would be created due to the project and most of the construction labor force would consist of workers already residing in the Bay Area. However, the need for special skilled labor or a shortage in the labor force may require workers to be obtained from elsewhere. If so, local housing provisions such as rooms, motels and rental units would need to be available. The Bay Area has over 1 million rental units (U.S. Census 2000), which should adequately cover the temporary housing demand. Based on this, it is expected that the Doyle Drive Project would not lead to impacts in terms of labor supply or housing market under any alternatives under consideration.

**TABLE 4-2
POTENTIAL PROJECT CONSTRUCTION EMPLOYMENT**

	Alternative	Construction Cost ¹ (\$)	Construction ² (person years)	Average Number of Workers Per Year ³
1	No-Build	N/A	N/A	NA
2	Replace and Widen – No Detour Option	299,207,500	772	154
	Replace and Widen – Detour Option	335,104,000	864	173
5	Presidio Parkway Alternative	380,582,400	982	196

Source: Parsons Brinckerhoff, May 2004.

Bureau of Labor Statistics, available at: <http://www.stats.bls.gov/blswage.htm>.

Notes: ¹ These preliminary cost estimates are for year 2004 and are limited to internal team use for reference only.

² Construction (person years) = Labor costs (\$) / Average annual wage for highway and street construction (\$).

Assumptions:

Labor costs = 19% of construction costs

(SFOBB East Span Seismic Safety Project – Community Impact Assessment, September 1998)

Average annual wage for highway and street construction = \$73,625 (Bureau of Labor Statistics)

³ Average number of workers per year equal to construction person years divided by the total number of construction years = 5

4.1.4 Community Facilities and Public Services Impacts

4.1.4.1 Emergency Services

Temporary Impacts

During the construction period, temporary road detours would be required to route traffic around construction areas. All detours would be designed to ensure emergency vehicle access. In general, vehicle travel through construction areas would be delayed due to unfamiliarity of detour route and motorists slowing to view construction activities. Therefore, it is expected that emergency vehicle response times would be delayed from existing conditions but access routes would remain.

Short-term closures would be required for various cross streets below Doyle Drive, which may affect emergency access routes. Closures would take place in off-peak hours, generally at night. In addition, various ramps to Doyle Drive would experience temporary closures, which could affect emergency access response. Coordination of the closures with appropriate emergency services would be addressed in the Transportation Management Plan.

Using the Mason Street warehouses as an example, under 2010 No-Build conditions, average travel time from the fire station located in Building 218 on Lincoln Boulevard to the Mason Street warehouses is estimated to be approximately one minute from the station to the warehouses via Halleck Street to Mason Street. However, when Halleck Street is closed under the build alternatives in 2010, emergency vehicles would have to reach the Mason Street warehouses via a detour route via Lincoln Boulevard, McDowell Avenue, and Mason Street, resulting in an average travel time of four and a half minutes. This is an average travel time, however, and emergency vehicle access response times may be faster. When Lincoln Boulevard is closed Halleck Street would remain open.

Long-term Impacts

Emergency access would not change under the No-Build Alternative. Roadway improvements associated with the Replace and Widen Alternative would provide some limited improvement in emergency access. New roadway and intersection configurations would have beneficial changes to existing emergency service routes and response times. The roadway configuration and improvements associated with the Presidio Parkway Alternative would provide improved access for emergency vehicles to and from the Presidio and surrounding areas.

To deal with emergencies in the tunnels of the Park Presidio Alternative, an emergency response plan would be developed and coordinated with various agencies including Caltrans, the California Highway Patrol, GGBHTD, Trust and San Francisco fire department.

4.1.4.2 Utilities

It is anticipated that certain components of the utility system in the Presidio would need to be relocated as part of the Doyle Drive Project. For portions of the utility system that cannot be permanently relocated, temporary facilities would be provided during construction to facilitate continuous utility operations.

The utility relocation plan (LTD Engineering, Inc, 2004) assumes that all utilities affected by the proposed Doyle Drive Project alternatives would be relocated to provide the same level of service as the existing systems. For the Presidio Parkway Alternative, there would be changes to the stormwater system associated with the Tennessee Hollow drainage corridor. The plan to restore the Tennessee Hollow drainage corridor provides an opportunity to reroute some affected parts of the stormwater system to a discharge point in the proposed Tennessee Hollow corridor. This arrangement would simplify the stormwater system and minimize relocation costs.

There would be no impacts to the utility systems as continuous service is planned to be maintained during construction. Overall, the utility relocations would also improve and upgrade the existing utility system and include provision for additional equipment backup capabilities.

Below are brief descriptions of the utility system elements that would be affected or need to be relocated. In some cases, where allowable, utility elements could be relocated before the initial construction phase.

Water System

The pump stations or reservoirs in the Presidio would not be affected by any of the alternatives under consideration in the Doyle Drive Project. However, pipelines of up to 250 millimeters (10 inches) in diameter would need to be relocated (two water mains would be relocated for the Replace and Widen Alternative; three water mains would be relocated for the Presidio Parkway Alternative) (LTD Engineering, Inc., 2004).

Sewer System

As discussed previously, the existing sewer system is comprised of gravity flow pipelines, pump stations and forcemains. No changes would be necessary to the sewer system for the Replace and Widen Alternative. The Presidio Parkway Alternative would require the relocation of a sanitary sewer to the south side of Doyle Drive along Lincoln Boulevard, and the relocation of an existing pump station in the vicinity of the Post Exchange building. Several gravity sewer and mains of up to 460 millimeters (18 inches) in diameter would also require relocation (LTD Engineering, Inc., 2004).

Stormwater System

The Replace and Widen Alternative would require the construction of a 610-millimeter (24-inch) stormwater interceptor to replace an existing ditch system on the north side of Doyle Drive in the vicinity of the Commissary. The Presidio Parkway Alternative would require the construction of two new stormwater interceptors, one along Lincoln Boulevard and the other to divert flow to the restored Tennessee Hollow drainage. A new outlet to the restored Tennessee Hollow drainage would also be constructed. Placement of the storm lines would take place during the summer when the utilization rate is minimal as opposed to the critical winter months (LTD Engineering, Inc., 2004).

Power System

For the Replace and Widen Alternative, the relocation of high voltage power lines to underground conduits would occur before construction. The location is the north side of Doyle Drive at its east end. Underground transmission lines located along Crissy Field Avenue would also require relocation. For both alternatives, the underground power distribution systems and the transmission line serving the Golden Gate Bridge would be affected, requiring relocation. For the Presidio Parkway Alternative, temporary high voltage distribution service installed at the beginning of the project would be moved underground after tunnel completion. Some high voltage power lines would be relocated (LTD Engineering, Inc., 2004).

Natural Gas System

For the Replace and Widen Alternative, two 102-millimeter (4-inch) diameter gas lines located near the east end of the low-viaduct would require relocation. For the Presidio Parkway Alternative, the compressed natural gas vehicle fueling station operated by the Trust would need to be physically transferred from its original location to a location selected by the Trust (LTD Engineering, Inc.). Existing pipelines of up to 150 millimeters (6 inches) in diameter that are part of the distribution system would also need to be relocated.

Telecommunication System

Several communication ducts and associated cables would need to be relocated. The current system is entirely underground and, therefore, the form of relocation for these telecommunication lines would be temporary poles at an at-grade level. For the Replace and Widen Alternative, the underground communication lines (copper and fiber optic cables) located on the north side of Doyle Drive at its east end would be relocated before construction began. For the Presidio Parkway Alternative, a similar relocation would occur for the existing underground communication lines located on the south side of Doyle Drive near the National Cemetery. Communication lines would also be relocated to the new Halleck Street (LTD Engineering, Inc., 2004).

4.2 LAND USE IMPACTS

This section describes the impacts of the proposed alternatives for the Doyle Drive Project on existing and planned land uses and includes an analysis of the temporary and permanent removal of buildings (Section 4.2.1), an analysis of the impacts to parking (Section 4.2.2), and an analysis of the impacts to the land uses of the various planning areas in the Presidio in addition to the surrounding areas (Section 4.2.3).

4.2.1 Temporary Relocation and Permanent Removal of Existing Buildings in Doyle Drive Right-of-Way

All of the Doyle Drive Project alternatives would result in the temporary and/or permanent removal of buildings in the study area. Temporary removals and returns and permanent removals were estimated using preliminary design drawings. When a locally preferred alternative (LPA) is adopted and the design is finalized, it will be further studied. This could result in a reduction or an increase in the number of buildings removed. These removals could involve a number of different land uses, including residential, office, infrastructure, warehouse, institution, retail, and recreational (see Appendix D for a list of buildings and their existing and future use).

The right-of-way (ROW) for the Doyle Drive Project would require between 4,000 and 193,000 square feet of buildings¹³, or less than one percent and 3.5 percent respectively of the 5.6 million total square feet identified under the Final Plan alternative of the PTMP.¹⁴ The Trust would be compensated for the temporary removal and return or permanent removal of Presidio buildings in the Presidio as part of the ROW acquisition process. For this analysis it is assumed that the actual land would be transferred between the Trust and the FHWA as a Federal land transfer under 23 US Code 317¹⁵ and the Trust would be compensated for the buildings that are in the alternatives' construction footprint. Direct property acquisition would require implementation of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended and the Civil Rights Act of 1964, providing for relocation assistance services to affected homeowners, renters and tenant businesses. In addition, the Acts require that residential and commercial property owners be paid fair market value of any property acquired as a result of the project. Federal agencies would be compensated in accordance with appropriate laws and procedures. The Presidio Trust has not completed their evaluation of the assumptions, methodology and results contained herein and as such do not agree with the findings. Section 4.2.3 provides a detailed discussion of the potential impacts to the existing land uses.

Table 4-3 provides a summary of potentially affected buildings that could be potentially temporarily removed and returned or permanently removed as a result of the proposed project alternatives. The No-Build Alternative would not require any temporary removals and returns or permanent removals. The Replace and Widen Alternative – No Detour Option would require the fewest temporary removals and returns and permanent removals of the build alternatives with only Building 1158 being permanently removed. The Presidio Parkway Alternative and associated options would require the most permanent removals. The Presidio Parkway Alternative would also potentially result in the temporary displacement of Building 106.

¹³ 4,000 square feet for the Replace and Widen Alternative - No Detour Option and 193,000 square feet for the Replace and Widen Alternative - Detour Option. Calculated by Parsons Brinckerhoff for this report.

¹⁴ PTMP, Attachment B: Final EIS Land Use Alternatives: Land Use Program by Planning Area, The Presidio Trust, 2001

¹⁵ It is acknowledged that the transfer of the land between the Presidio Trust and the Federal Highway Administration as a Federal land transfer under 23 US Code 317 is currently under negotiation and the assumptions used in this analysis could change.

**TABLE 4-3
BUILDINGS TEMPORARILY REMOVED AND RETURNED
OR PERMANENTLY REMOVED BY ALTERNATIVE**

Alternative/Building	Temporarily Removed and Returned	Vacant During Construction	Permanently Removed	Total Building Area Permanently Removed Sq Meters (Sq Feet)	Existing Use
No-Build	None	None	None		None
Replace and Widen – No Detour Option					
Building 1158			✓	387 (4,166)	Presidio Dance Theatre
Replace and Widen – Detour Option					
Buildings 1182 ¹	✓			1,122 (12,077)	Storage
1183 ¹	✓			1,195 (12,863)	Vacant
1184 ¹	✓			1,125 (12,109)	Office – Vacant
1185 ¹	✓			1,263 (13,595)	Office
605			✓	3,932 (42,324)	Vacant
606			✓	689 (7,416)	Vacant
610/653			✓	8,614 (92,720)	Retail
Presidio Parkway – Diamond Option²					
Buildings 106		✓		322 (3,466)	Office
201			✓	1,064 (11,453)	Storage & Office
204			✓	1,128 (12,142)	Office
205			✓	11 (118)	Sewer Lift Station
230			✓	935 (10,064)	Storage, Classroom & Office
231			✓	357 (3,843)	Office & Warehouse
670			✓	90 (969)	Vacant
605			✓	3,932 (42,324)	Vacant
606			✓	689 (7,416)	Vacant
1158			✓	387 (4,166)	Presidio Dance Theatre
Presidio Parkway – Circle Drive Option²					
Buildings 106		✓		322 (3,466)	Office
201			✓	1,064 (11,453)	Storage & Office
204			✓	1,128 (12,142)	Office

205			✓	11 (118)	Sewer Lift Station
230			✓	935 (10,064)	Storage, Classroom & Office
231			✓	357 (3,843)	Office & Warehouse
670			✓	90 (969)	Vacant
605			✓	3,932 (42,324)	Vacant
606			✓	689 (7,416)	Vacant
1151			✓	1,190 (12,809)	Recreation
1158			✓	387 (4,166)	Presidio Dance Theatre
Presidio Parkway – Merchant Road Slip Ramp Option³					
Buildings 1253			✓	130 (1,399)	Residential
1254			✓	269 (2,895)	Residential
1255			✓	265 (2,852)	Residential
1256			✓	141 (1,518)	Residential

Source: Parsons Brinckerhoff, May 2004.

Notes: The temporary removal and return period would last approximately four to five years during construction.

¹ The four Mason Street warehouses could be temporarily removed and returned or permanently removed to accommodate the temporary detour structure.

² Does not include the Merchant Road slip ramp option, which would permanently remove Buildings 1253, 1254, 1255, and 1256.

³ The Merchant Road slip ramp option could be used as an additional design feature with either the Diamond Option or Circle Drive Option. The impacts associated with the Merchant Road slip ramp option would be in addition to the impacts of either the Diamond Option or Circle Drive Option.

4.2.1.1 Temporary Removal and Return of Buildings

Information regarding the organizations that would be affected by the project alternatives was provided by the Trust in May of 2004.

The Replace and Widen Alternative - Detour Option would require the removal of four Mason Street warehouses, Buildings 1182, 1183, 1184 , and 1185 in order to accommodate the temporary detour for the Marina connector ramp. The buildings could either be temporarily or permanently removed. Total building space temporarily removed would be 4,705 square meters (50,644 square feet). Organizations that would be affected by the removal and or return of the Mason Street warehouses during the four to five year construction period include the San Francisco Exploratorium (Building 1182) and the Trust Special Events Department which periodically uses Building 1184. Buildings 1183 and 1185 are owned by the Trust but are currently vacant.

The Presidio Parkway Alternative would not require the temporary removal of any buildings.

4.2.1.2 Permanent Removal of Buildings

Table 4-3 shows the buildings that would be permanently removed by each build alternative. The Replace and Widen Alternative – No Detour Option would require the permanent removal of Building 1158, which is currently occupied by the Presidio Dance Theatre.

The Replace and Widen Alternative - Detour Option would require the permanent removal of Buildings 605 and 606 (Post Exchange) and Building 610/653 (Commissary) in order to accommodate the project. The permanent removal of Building 610/653 would affect the current tenant, The Sports Basement. Buildings 605 and 606 are currently vacant.

The Presidio Parkway Alternative would require the permanent removal of Buildings 201, 204, 205, 230, 231, 670, 605, 606 and 1158. Buildings 201, 204, 205, 230 and 231 are occupied by the Trust and NPS whom would require relocation to a commensurate property. Buildings 670, 605, 606 are vacant while Building 1158 is occupied by the Presidio Dance Theatre. The Circle Drive Option would require the permanent removal of Building 1151 (the YMCA pool). Both the Diamond and Circle Drive Options under the Presidio Parkway Alternative have a slip ramp option at Merchant Road. The Merchant Road slip ramp option would require the permanent removal of the Armistead Road Buildings 1253, 1254, 1255 and 1256, all of which are residential buildings. The value of these four buildings would be approximately \$2.4 million (2008 dollars) including relocation costs.¹⁶

4.2.1.3 Temporary Displacement of Tenants Due to Construction

Building 106 would potentially have to be temporarily displaced for approximately eighteen months during construction for either of the Presidio Parkway Alternative options (not including the Merchant Road slip ramp option) due to its proximity to construction. Building 106 is currently occupied by Arnold Palmer Co. The Trust would be compensated for the lost rent during the period that the tenant would be displaced.

4.2.2 Parking

Temporary Impacts

Temporary parking impacts were assumed to occur in 2010 to reflect when construction activities would have the greatest effect on the parking supply. Unmet demand reflects parking deficiencies beyond those identified under the No-Build conditions. Under 2010 conditions, the Replace and Widen Alternative – No Detour Option would result in a total unmet demand of 473 spaces in the Gorgas Warehouses, Thornburg, and Palace of Fine Arts areas, and the Replace and Widen Alternative – Detour Option would result in an unmet demand of 156 parking spaces in the Gorgas Warehouses area. The Presidio Parkway Alternative would result in a total unmet demand of 768 spaces in the PX/Commissary, Gorgas Warehouses, Thornburg Road, Rod Road and Palace of Fine Arts areas.

Long-term Impacts

Under 2030 project conditions, the Replace and Widen Alternative – No Detour Option would result in a total unmet demand of one space in the Mason Street Warehouses area, while the Replace and Widen Alternative – Detour Option would result in unmet demand of 20 spaces in the Thornburg area. The Presidio Parkway Alternative would result in a total unmet demand of 134 spaces in the Thornburg, North Halleck, and Rod Road areas.

Parking impacts are summarized in Table 4-4. In areas where parking impacts have been identified, unmet demand due to each alternative reflects parking deficiencies beyond those identified under the No-Build conditions.

¹⁶ Data on current rental rates provided by Dick Tilles, The Presidio Trust, July 2004.

**TABLE 4-4
PARKING IMPACTS**

Area	Surplus/ Deficiency No-Build		Additional Unmet Parking Demand by Alternative					
			Replace and Widen – No Detour Option		Replace and Widen – Detour Option		Presidio Parkway	
	Temp.	Long-term	Temp.	Long-term	Temp.	Long-term	Temp.	Long-term
Mason Street Warehouses	0	2	0	-1	0	0	0	0
PX/Commissary	477	370	0	0	0	0	-142	0
Gorgas Avenue Warehouses	0	0	-142	0	-156	0	-245	0
Thornburg Area	-5	-126	-226	0	0	-20	-120	-115
North Halleck Area	44	59	0	0	0	0	0	-16
Fort Scott – Rod Road	0	0	0	0	0	0	-3	-3
Palace of Fine Arts	0	0	-105	0	0	0	-258	0
Total	516	305	-473	-1	-156	-20	-768	-134

Source: Parsons Brinckerhoff, September 2004.

Note: Negative numbers represent parking deficiencies. Unmet demand due to each alternative reflects parking deficiencies beyond those identified under the No-Build conditions.

Mitigation would be required to replace the parking spaces that would be lost during construction of each build alternative. The availability of replacement parking would depend on the availability of parking during construction. Availability would be based on the type of construction activities taking place, their location and duration. The parking study should be updated periodically to determine the location and extent of available parking lost during construction activities. It is possible that some areas of replacement parking would be needed but their extent and duration would be dependent upon the availability and management of parking elsewhere within the Presidio.

Mitigation would also be required to replace the parking spaces lost under 2030 (permanent) conditions. In 2030, most of the parking that would be lost during construction of the build alternatives would be regained. It is expected that remaining parking deficits would be met through the management of available supply by the Presidio Trust within the study area and in other nearby areas.

4.2.3 Impacts to Existing Land Use and Federal Lands

The analysis of potential land use impacts associated with each alternative has been categorized by geographic area. These geographic areas generally correspond to the planning areas defined in the PTMP and include Crissy Field; Letterman; Main Post; Fort Scott; and South Hills. In addition, Area A of the Presidio and surrounding San Francisco neighborhoods are examined.

4.2.3.1 No-Build Alternative

Crissy Field

Under the No-Build Alternative, no permanent building removal/demolition would be necessary in the Crissy Field area. The Doyle Drive corridor would remain as a transportation corridor through the Presidio in its existing location. No change to the existing or future land uses along the corridor would occur under this alternative. The Crissy Field planning area would continue to function as a primary site for cultural, educational and recreational uses.

Letterman

Under the No-Build Alternative, no permanent building removal/demolition would be necessary in the Letterman Complex area. The Doyle Drive corridor would remain as a transportation corridor through the Presidio in its existing location. No change to the existing or future land uses along the corridor would occur

under this alternative. The Letterman planning area would continue to offer a mix of office and residential uses.

Main Post

Under the No-Build Alternative, no permanent building removal/demolition would be necessary. The Doyle Drive corridor would remain as a transportation corridor through the Presidio in its existing location. No change to the existing or future land uses along the corridor would occur under either of these alternatives. The Main Post planning area would continue to serve as a focal point and visitor/community center for the Presidio.

Fort Scott

Under the No-Build Alternative, no temporary or permanent building removal/demolition or land use impact would occur to the Fort Scott area.

South Hills

Under the No-Build Alternative no temporary or permanent building removal/demolition would be necessary. Doyle Drive corridor would remain as a transportation corridor through the Presidio in its existing location. No change to the existing or future land uses along the corridor would occur under this alternative. There would be no impact to the San Francisco National Cemetery under this alternative.

Area A

Under the No-Build Alternative, no temporary or permanent building removal/demolition or land use impact would occur in Area A of the Presidio.

San Francisco Neighborhoods

Under the No-Build Alternative, no temporary or permanent building removal/demolition or land use impact would occur to the neighborhoods adjacent the Presidio.

4.2.3.2 Replace and Widen Alternative

Crissy Field

Temporary Impacts

The construction method of the Replace and Widen Alternative - No Detour Option would not require the temporary removal of any buildings.

Under the Replace and Widen Alternative - Detour Option, the four buildings would be temporarily removed: Buildings 1182, 1183, 1184, and 1185 (Mason Street warehouses). The temporary removal of these buildings would last approximately four to five years and upon completion of the project, these buildings would be replaced. The removal of the buildings would not impact the overall land use or development pattern of the Crissy Field planning area but would temporarily reduce the space available for providing uses compatible with the recreational and cultural goals in the area.

Long-term Impacts

Construction of the Replace and Widen Alternative - Detour Option would require the permanent removal of four buildings: Buildings 605, 606 (Post Exchange), 610 and 653 (Commissary). The removal of these non-historic buildings would result in an adverse effect on the land use and development of the Crissy Field planning area due to the permanent loss of space available for providing uses compatible with the recreational and cultural goals in the area. This is particularly evident with the removal of Building 610 (Commissary) which is designated in the PTMP for reuse as a museum although other potential sites for museum facilities are identified in the PTMP including the former aircraft hangers along the western portion of Crissy Field.

The Replace and Widen Alternative would not constrain the study area for possible future expansion of Crissy Marsh.

Letterman

Temporary Impacts

There would be no temporary impacts to the land uses of the Letterman area during construction of either option for the Replace and Widen Alternative. Existing uses would be maintained and planned development would not be hindered.

Long-term Impacts

Under the Replace and Widen Alternative - No Detour Option, Building 1158 (Mercantile Specialty Store) would be permanently removed. Currently, Building 1158 houses the Presidio Dance Theatre. Removal of this non-historic building would not result in an impact to the overall land use of the Letterman planning area as the area would still function in its role as a compact mixed-use office and residential area. Additionally, PTMP plans call for the potential removal of some non-historic buildings in this planning area.

Main Post

Under the Replace and Widen Alternative, no permanent building removal/demolition would be necessary. The Doyle Drive corridor would remain as a transportation corridor through the Presidio in its existing location. No change to the existing or future land uses along the corridor would occur under this alternative. The Main Post planning area would continue to serve as a focal point and visitor/community center for the Presidio. The Replace and Widen Alternative would accommodate the proposed rehabilitation of Tennessee Hollow.

Fort Scott

Under the Replace and Widen Alternative, no temporary or permanent building removal/demolition or land use impact would occur to the Fort Scott area.

South Hills

Under the Replace and Widen Alternative no temporary or permanent building removal/demolition would be necessary. Doyle Drive corridor would remain as a transportation corridor through the Presidio in its existing location. No change to the existing or future land uses along the corridor would occur under this alternative. There would be no impact to the San Francisco National Cemetery under this alternative.

Area A

Under the Replace and Widen Alternative, no temporary or permanent building removal/demolition or land use impact would occur in Area A of the Presidio.

San Francisco Neighborhoods

Under the Replace and Widen Alternative, no temporary or permanent building removal/demolition or land use impact would occur to the neighborhoods adjacent the Presidio.

4.2.3.3 Presidio Parkway Alternative

Crissy Field

Temporary Impacts

There would be no construction period impacts to the land use of the Crissy Field planning area associated with the Presidio Parkway Alternative.

Long-term Impacts

The Presidio Parkway Alternative would require the permanent removal of Buildings 605, 606 (Post Exchange) and 670 (Cable House). Removal of these three non-historic buildings would not adversely affect the overall land use of the Crissy Field planning area. No future use has yet been determined for either building. Proposed development plans identified in the PTMP including re-use of Building 610 (Commissary) as a museum, rehabilitation of Building 650 (Stilwell Hall), implementation of cultural and educational uses at the Cavalry Stables, and expansion of Crissy Marsh would not be affected by the Presidio Parkway Alternative.

The Presidio Parkway Alternative reduces the area into which Crissy Marsh could expand to the east of the Commissary. This area is shown for marsh expansion in the GMPA, the original Crissy Marsh study and it is identified in the current Crissy Marsh Expansion Study as part of the historic marsh footprint and as part of area that is under consideration for future marsh expansion.

Letterman

Temporary Impacts

There would be no temporary impacts to the land uses of the Letterman area during construction of the Presidio Parkway Alternative. Existing uses would be maintained and planned development would not be hindered.

Long-term Impacts

Under the Presidio Parkway Alternative, Building 1158 (Mercantile Specialty Store) would be permanently removed. Currently, Building 1158 houses the Presidio Dance Theatre. Removal of this non-historic building would not result in an impact to the overall land use of the Letterman planning area as the area would still function in its role as a compact mixed-use office and residential area. Additionally, PTMP plans call for the potential removal of some non-historic buildings in this planning area.

Main Post

Temporary Impacts

The Presidio Parkway Alternative would require that Building 106 (Band Barracks) be temporarily vacated during the construction period. The temporary closure of this building would not impact the overall land use or development pattern of the Main Post planning area.

Long-term Impacts

Under the Presidio Parkway Alternative, five buildings would be permanently removed, Buildings 201 (Exchange Store), 204 (Exchange Store), 205 (Sewage Pump House), 230 (warehouse), and 231 (Exchange Gas Service Station). The removal of Building 201 would adversely affect the streetscape of Halleck Street. Building 205 now operates as a compressed natural gas (CNG) pumping station, and removal of it would impact the Trust's Clean Fuel mandate. Relocation of the CNG pumping station would need to be coordinated with the Trust. The removal of the other three buildings would not adversely impact the overall land use of the Main Post planning area as these buildings are primarily used as storage facilities and not designated for reuse as a key land use (cultural, educational, office, or residential) in the PTMP. The center of the Main Post planning area would remain intact although the loss of Building 201 would affect the character of the Halleck Street corridor. Removal of the five buildings under the Presidio Parkway Alternative would improve access and views to Crissy Field. In addition, the Presidio Parkway Alternative would accommodate the proposed rehabilitation of Tennessee Hollow through the Main Post.

Fort Scott

Temporary Impacts

There would be no temporary impacts to the land uses of the Fort Scott planning area during construction of the Presidio Parkway Alternative. Existing uses would be maintained and planned development would not be hindered.

Long-term Impacts

Under the Presidio Parkway Alternative there is the potential for permanent removal of four buildings in the Fort Scott planning area. These buildings would only be removed should the Merchant Road slip-ramp

design option be used. The four non-historic residential buildings (Buildings 1253, 1254, 1255 and 1256) are located along Armistead Road. The removal of these buildings would not adversely affect the overall existing or proposed land use in the Fort Scott planning area. Numerous housing units are available in the immediate surrounding area of this northern part of Fort Scott planning area and additional housing is also available in the southern portion of the planning area along Storey Avenue, Ruckman Road and Hitchcock Street.

South Hills

There would be no temporary or permanent impacts to the land uses of the South Hills planning area associated with the Presidio Parkway Alternative. Existing uses would be maintained and planned development would not be hindered. The National Cemetery would not be affected.

Area A

There would be no temporary or permanent impacts to the land uses of Area A associated with the implementation of the Presidio Parkway Alternative. Existing uses would be maintained and planned development would not be hindered, including the expansion of Crissy Marsh.

San Francisco Neighborhoods

There would be no temporary or permanent impacts to the land uses of the surrounding San Francisco neighborhoods associated with the implementation of the Presidio Parkway Alternative. Existing uses would be maintained and planned development would not be hindered.

4.3 PLANS AND POLICIES

This section describes the existing plans and policies that pertain to the Doyle Drive Project study area and provides an analysis of the consistency of the Doyle Drive Project in relation to those plans and policies.

4.3.1 Review of Plans and Policies

This section provides a review of the Federal, state, and local plans and policies affecting development within the Doyle Drive Project study area that are listed in Section 2.3 - Plans and Policies.

4.3.1.1 Final General Management Plan Amendment and Environmental Impact Statement (1994)

The NPS developed the GMPA for the GGNRA in the late 1970's to guide overall management of the park in keeping with its legislative purpose and the legal and administrative mandates of the NPS. The Final GMPA was approved in 1994 and provides guidelines for management, use and development of Area A of the Presidio. The GMPA was created through an open public involvement process. The public provided input at visioning and concepts workshops and reviewed the Draft and Final plans. At the time the GMPA amendment was developed, Caltrans was formulating design and engineering alternatives for safety improvements to Doyle Drive, which are discussed in more detail below.

The land use and planning policies relevant to the Doyle Drive Project, as set in the GMPA, are described below.

Minimize Automobile Use - The GMPA outlines a transportation strategy designed to minimize private automobile use and increase the availability of public transit, pedestrian and bicycle travel options. Several recommendations are made to implement this strategy including improved connections between the Presidio and existing city roadway and transit systems, the creation of a transportation hub at the Main Post, and the promotion of alternative fuel shuttle vehicles and water taxis.

Pedestrian and Bicycle Use - Emphasis is placed on promoting safe pedestrian and bicycle routes linking the main activity areas. The GMPA recommends "lowering speed limits on roadways, separating paths and

trails, and reducing confusion, conflicting maneuvers, and congestion on or near busy streets and intersections." (NPS, 1994)

Scenic Vista Enhancement - One objective in the GMPA is to preserve, enhance, and restore scenic vistas. Reopening scenic vistas from Main Post, Cemetery and Cavalry Stables across Crissy Field and the San Francisco Bay would be promoted.

GMPA Planning Area Concepts

The GMPA outlined general concepts for the preservation and development of the Presidio as a whole, as well as for specific planning areas. The specific planning areas include: Crissy Field; Letterman Complex; Main Post; National Cemetery; Cavalry Stables; Fort Scott; Golden Gate/Fort Point Area; and the Coastal Bluffs. With the adoption of the PTMP in August 2002, the GMPA is no longer the relevant planning document for Area B of the Presidio. The GMPA remains the planning guide for the NPS' management of Area A of the Presidio which includes portions of the Crissy Field, Golden Gate/Fort Point, and Coastal Bluffs planning areas. The development plans for each of these three areas are described below. A more detailed description of existing land uses in each area is provided in Section 3.2.1: Inventory of Existing Land Uses.

Crissy Field - The 59-hectare (145-acre) Crissy Field area, which was officially opened on May 1, 2001, has undergone major improvements while retaining recreational opportunities such as jogging, dog walking, and sail boarding. Under the plan a continuous band of public open space from Marina Green through Crissy Field to Fort Point has been created along with a 7.3-hectare (18-acre) tidal marsh with an outlet to the bay to allow water to ebb and flow with the tides. The GMPA includes a plan to expand the Crissy Field marshland, which commenced in 2002 when the Trust, GGNPA and NPS began a collaborative planning effort to study the performance of the marshland and assess what further expansion would be required in order to assure the longevity of Crissy Field as an ecosystem. Prior studies have indicated that a minimum expansion of 5 hectares (12 acres) may be required to sustain the tidal marsh into the future. The historic warehouses along the south side of Mason Street have been preserved. Two known prehistoric sites have been protected and monitored. The NPS will consider an extension of the MUNI waterfront E-line streetcar from Aquatic Park to the Presidio.

Golden Gate/Fort Point - This area, including the Golden Gate Bridge, Fort Point and Coastal Batteries, will remain a major visitor destination. GGBHTD maintenance and administration offices will remain on the west side of the bridge. Some parking and other improvements to the visitor plaza area are planned.

Coastal Bluffs - The batteries along the coastal bluffs will be preserved as historic structures and tourist destinations. The remainder of the land will be preserved as natural areas. Trails will be provided for recreation, and connections to other Presidio trails will be established.

4.3.1.2 Presidio Trust Management Plan: Land Use Policies for Area B of the Presidio of San Francisco (2002)

The Presidio Trust Management Plan: Land Use Policies for Area B of the Presidio of San Francisco (PTMP) succeeds the GMPA as it applies to Area B, the jurisdiction under The Presidio Trust. The PTMP provides an updated policy framework that balances and conforms the concepts and principles of the GMPA with the superseding statutory requirements and mandates of the Presidio Trust Act (16 U.S.C. § 460bb). The PTMP sets forth land use preferences and development guidelines for seven planning districts (as shown in Figure 3-3). For each district, planning guidelines are provided that address the different characteristics of the area, including open spaces, total building space, circulation and access. The guidelines provide parameters and goals to inform future land use and implementation decisions.

The PTMP was adopted by the Trust in August 2002. The goals of the PTMP, in accordance with the "General Objectives" of the GMPA¹⁷, are:

¹⁷ As set forth in Presidio Trust Board Resolution 99-11 dated March 4, 1999. See Board resolution on page xi of the PTMP.

- 1) to preserve and (where appropriate) enhance the historical, cultural, natural, recreational, and scenic resources of the Presidio;
- 2) to increase the size and quality of open space by approximately 40 hectares (99 acres) primarily through the demolition of up to 63,174 square meters (680,000 square feet) of non-historic buildings in the southwest part of the park area;
- 3) to reinforce historic patterns of development with a compact, mixed-use community that would reuse and renew buildings and allow for some new construction in already-developed areas (Fort Scott, Crissy Field, Main Post, and Letterman Complex) in the northern part of the park, concentrating population densities around transit stops, with the total amount of built space not to exceed 520,257 square meters (5.6 million square feet);
- 4) to provide a broader range of housing types and a greater number of units by providing approximately 1,650 housing units, representing an increase of approximately 880 units over the GMPA planned number; and
- 5) to make a significant amount of additional building space available for cultural and educational activities, using existing spaces to serve programs such as museums, arts and education, historic and natural resources, and outdoor activity and interpretive sites.

Building on the elements of the GMPA, the PTMP is concerned with improving open space, maintaining compact development patterns and reuse of historic buildings, increasing the diversity of the housing supply, allocating building space for educational and cultural activities, and supporting sustainable transportation and infrastructure systems in Area B of the Presidio. The PTMP divides Area B into seven distinct planning areas including: Crissy Field, Letterman, Main Post, East Housing, South Hills, Public Health Service Hospital, and Fort Scott. For each area, an overall vision or planning concept and set of guidelines to realize that vision or concept have been developed. Four of these areas overlap with the project study area including Letterman, Main Post, Crissy Field, and Fort Scott.

The land use and planning policies relevant to the Doyle Drive Project, as set in the PTMP, are described below.

More Open Space - The PTMP calls for an increase in open space by 40 hectares (99 acres). Approximately 75 percent of the Presidio (Areas A and B) will be open space, providing both valuable natural habitat and recreational opportunities.

Enhanced Scenic Views - The removal of non-historic buildings and select vegetation will increase open space and will provide opportunities for the enhancement of existing views and vistas. In addition, historic visual connections will be restored and vegetation will be used to provide screening for elements that disrupt the historic landscapes.

Balanced Use of Building Space - Buildings contribute to the Presidio's NHLD and their rehabilitation will generate revenues that support the park. The PTMP seeks a balanced use of the buildings within the Presidio. One-third of the building space would be dedicated to residential use, another one-third would be for office use, and the remaining one-third of building space would be for public uses, including cultural and educational use, recreation, small-scale lodging, and visitor amenities.

Sustainable Transportation and Infrastructure Systems - The Trust will adhere to sustainable practices and environmentally sound technologies. The PTMP includes strategies to minimize automobile use, such as more options for public transit and pedestrian and bicycle travel, parking management, and housing in the park for Presidio-based employees.

PTMP Planning Area Concepts

The PTMP outlines an overall vision for seven distinct planning areas and specific guidelines by which to achieve that vision. The specific planning areas included in the Doyle Drive Project include Crissy Field, Letterman Complex, Main Post, and Fort Scott (see Figure 3-3). The land use vision for each of these areas is described below. A more detailed description of existing land uses in each area is provided in Section 3.2.1: Inventory of Existing Land Uses.

Main Post - The Main Post will continue to be a primary orientation point for visitors and a community center where people live, work, and enjoy themselves. The district's historic buildings and landscapes will be preserved, the historic parade ground re-established, and other outdoor spaces rehabilitated. As a central point in the Presidio, the area would be pedestrian friendly with an extensive network of pedestrian and bicycle paths linking to Crissy Field.

Letterman District - The planning concept for the Letterman District combines traditional land uses with new uses in the most urban of the planning districts. The district will continue to offer residential and office uses and will contain the new Letterman Digital Arts Center which is expected to be complete in 2005. As previously described, the Letterman Digital Arts Center will provide an office campus and open space on the 9 hectare (23 acre) site of the former Letterman Hospital. The restoration of Tennessee Hollow to an ecologically vibrant riparian corridor is an important element of the Letterman District planning concept.

Crissy Field - In the Area B portion of Crissy Field (south of Mason Street), the Trust will add site enhancements and historic building rehabilitation to accommodate uses and visitor amenities that complement the spectacular bayfront park of Area A. Potential reuses of buildings include the use of the Commissary building as a museum space, Stilwell Hall as guest lodging, and Cavalry Stables for cultural and educational uses. Open space will be retained and natural resources will be protected including sustaining the long-term health of the Crissy Marsh

Fort Scott - The Trust will maintain the contemplative setting of the Fort Scott area by preserving its historic buildings and landscapes. Preferred uses for the district include education and conference facilities with supporting lodging, housing, and offices.

PTMP Specific Recommendations for Doyle Drive

The PTMP provides a set of objectives that would be used to evaluate potential conflicts with the Doyle Drive design alternatives including:

- minimize short-term and long-term impacts on park resources;
- provide direct access to the Presidio and ensure an appropriate transition between the Doyle Drive roadway west of the Gorgas Avenue warehouses and city streets, using a minimum amount of park land;
- maintain Halleck Street as a pedestrian and bicycle route with limited vehicular use;
- enhance visual and pedestrian connections from the Main Post to Crissy Field; and
- ensure a viable connection for the Tennessee Hollow drainage to Crissy Marsh.

In addition, each of the planning districts outlined in the PTMP include specific guidelines for incorporation with a reconstruction of Doyle Drive.

- The Letterman District guidelines propose that a compatibly designed new entrance from Doyle Drive serves as the main vehicular entry for tenants and visitors to the Letterman complex.
- The guidelines for the Main Post include a call for incorporating an open space connection between the Main Post and Crissy Field as part of the planning for reconstruction of Doyle Drive in addition to improved pedestrian and visual connections between the two areas.

- The guidelines for the Crissy Field district also include creation of safe and inviting open space connections between the Main Post and Crissy Field as part of a Doyle Drive reconstruction. In addition, the guidelines suggest that Doyle Drive should be reconstructed to preserve views to and from the bluffs and Main Post, and maximize views along Halleck Street, Tennessee Hollow, and from the Cavalry Stables.

4.3.1.3 Doyle Drive Task Force Report (1993)

In 1992, the San Francisco Board of Supervisors created the Doyle Drive Task Force to work with federal, state, and local interests to develop a consensus on the best possible solution for the redesign of the seismically unsafe Doyle Drive. The Report of the Doyle Drive Task Force to the San Francisco Board of Supervisors: A Scenic Parkway for the Park identified a concept for a scenic parkway through the Presidio. The parkway concept envisioned three travel lanes in each direction with an additional eastbound auxiliary lane between the San Francisco exit of Park Presidio Boulevard and a new direct access point to the Presidio. The major elements discussed include, improved views within the Presidio, improved access to the Presidio, and improved safety and amenities. The report presented over 30 recommendations for Doyle Drive including:

- 3.6-meter (12-foot) wide traffic lanes, with 2.4-meter (8-foot) wide shoulders on the right side in each direction;
- provide three continuous lanes in each direction between Highway 1 and the split to Richardson Avenue;
- include a fixed center barrier;
- provide direct access between the Presidio and Doyle Drive;
- encourage the use of tunnels and cut-and-cover to mitigate adverse impacts; and
- design to maximize views for motorists, park users, and from nearby neighborhoods.

4.3.1.4 Letterman Complex Final Environmental Impact Statement (2000)

The Final Environmental Impact Statement and Planning Guidelines for New Development and Uses on 23 Acres within the Letterman Complex provides analysis of the six proposed alternatives for the development of the Letterman Complex. The proposed project must meet numerous goals including being consistent with the financial self-sufficiently mandate of the Trust. The preferred alternative calls for the creation of an office campus consisting of new buildings comprising approximately 83,613 square meters (900,000 square feet) of space. The newly created Letterman Digital Arts Center would be engaged in research, development and production of digital arts and technologies for use in the entertainment, education, communications, and other industries. Also included on the site would be an underground parking garage for 1,500 vehicles and landscaped open space available for use by park visitors, employees of the center, other Presidio tenants, and area residents.

4.3.1.5 Presidio of San Francisco Vegetation Management Plan and Environmental Assessment (1999)

The Presidio of San Francisco Vegetation Management Plan and Environmental Assessment (VMP) was prepared in July 1999 to serve as a guide for all the organizations operating within the Presidio and their management of vegetation resources. It is designed to protect and enhance the natural and historical significance of vegetation resources of three broadly defined vegetation categories: native plant communities, historic forest, and landscape vegetation. The VMP includes three Presidio-wide objectives:

- increase open space to enhance park values and improve the Presidio's natural and recreational qualities;

- identify and protect sensitive wildlife species, and restore and maintain their habitats; and
- manage onsite water resources to protect groundwater and surface water resources and natural wetland and riparian values and to efficiently supply water to the Presidio community.

In addition to the Presidio-wide objectives, specific objectives are provided for the management of each of the vegetation categories. Some of these objectives include:

- protect and enhance wildlife habitat by expanding habitat for native plants, increase native species and habitat diversity, avoid invasive plant removal in areas of high wildlife value, and avoid disturbance to wildlife habitat during critical times of the year;
- maintain the forest within the historic forest management zone as a significant historic landscape feature;
- manage the forest to maintain important visual connections; and
- retain existing historic landscapes and historic plants whenever feasible.

4.3.1.6 Presidio Trails and Bikeways Master Plan & Environmental Assessment (2003)

The Presidio Trails and Bikeways Plan & Environmental Assessment is the guide for directing the establishment of a network of trails and bikeways which would enhance the public's exploration and experience of the Presidio while also protecting its natural and cultural resources. The plan identifies three basic trail classifications, pedestrian trails, multi-use trails and on-street bikeways. The five principal goals of the plan include:

- enhance public use, access and experience;
- support resource preservation;
- contribute to a comprehensive transportation strategy;
- provide for sustainable design and construction; and
- promote ongoing public involvement through volunteer stewardship.

Proposed trail and bikeway connections that may be affected by the Doyle Drive Project include the Presidio Promenade, the Park Boulevard Trail and the Tennessee Hollow Corridor. Within the Presidio Promenade improvements include a consistent sidewalk route and bike lanes, but not a continuous multi-use trail. Near the Cavalry Stables, the bike lanes will separate, using Pattern Road for the westbound bike lane and Lincoln Boulevard for the eastbound bike lane. Subject to further Trust review, Crissy Field Avenue will serve as a two-way multi-use path with no automobile traffic.

The new Park Boulevard multi-use trail would connect Mountain Lake with Presidio and Golden Gate Promenades. The proposed improvements include: improvements to the Mountain Lake trailhead, bike lanes on both sides of Park Boulevard between Washington and Lincoln Boulevards, and bike lanes on both sides of McDowell Avenue.

The new Tennessee Hollow corridor connects recreational areas to the south side of the Presidio through the Tennessee Hollow watershed to the restored Crissy Marsh. The proposed improvements include trailheads at Julius Kahn Playground, Lincoln Boulevard near Funston Avenue, Halleck Street at Mason Street, and Crissy Field Beach; a new trail corridor developed in coordination with Tennessee Hollow restoration plans; a connection to the Golden Gate Bridge Promenade and Crissy Field Beach trailhead via the existing

pedestrian trail; and spur trails with overlooks to view wetland and riparian environments; upgrades to Halleck Street to include bike lanes on both sides of the street, if feasible.

4.3.1.7 Environmental Assessment for Crissy Field Plan (1996)

The Crissy Field Plan presents two site plan alternatives, including the Proposed Action and Dune Alternative, and a No-Build Alternative for the development of an approximately 100-acre portion of Crissy Field from the south side of Mason Street to the Bay. The Crissy Field Plan states that the development of Crissy Field is to be consistent with the planning area concept and actions of the Crissy Field area as described in the GMPA. Site development for Crissy Field includes the overall goal of “enhancing the setting for recreation and visitor enjoyment while rehabilitating and preserving important historic resources and natural values”. Several objectives are identified including:

- Enhance the setting and opportunities for visitors and recreational and educational uses;
- Enhance and expand existing natural resource values and capitalize on opportunities to restore dunes and a remnant of historical tidal marsh;
- Preserve and enhance cultural resources;
- Improve transportation and circulation; and
- Develop a sustainable design.

Improvements of the Proposed Action to the 40.5-hectare (100-acre) site include:

- Golden Gate Promenade Improvements
- Mason Street redesign
- Coastal dune restoration
- East Beach and entry improvements
- Airfield restoration
- West bluff improvements
- Rubble removal and beach reconfiguration
- Retention and removal of existing vegetation
- Development of a waterbird protection area
- Construction of a 8.1-hectare (20-acre) tidal marsh

4.3.1.8 San Francisco Bay Plan (2003)

The BCDC is a state agency with the authority to issue or deny permit applications for placing fill, extracting materials, or changing the use of any land, water, or structure within the San Francisco Bay. The San Francisco Bay Plan, adopted in 1968 by BCDC and last amended in 2003, includes the policies to guide future uses of the Bay and shoreline and includes a set of maps which show where the policies should apply to the present Bay and shoreline. The Bay Plan maps also identify priority shoreline use areas around San Francisco Bay. The Bay Plan includes two objectives: protect the Bay as a great natural resource for the

benefit of present and future generations, and to develop the Bay and its shoreline to their highest potential with a minimum of Bay filling.

The Bay Plan includes numerous policies related to transportation, specifically water transport and additional bridges across the bay, existing and new shoreline parks, and public access to the Bay in addition to numerous other categories. Transportation policies encourage alternatives that do not require bridges across the bay or fill in the bay. Public access policies state that access to and along the waterfront should be provided by walkways, trails, or other appropriate means, and connect to the nearest public thoroughfare where convenient parking or public transportation may be available. Additionally, policies state that roads near the edge of the water should be designed as scenic parkways for slow-moving, principally recreational traffic. Specific policies for areas along the Bay are outlined in the Bay Plan maps.

Bay Policy 5c highlights the policies for Bayfront military installations designated as waterfront parks which includes the Presidio. The policy states that these installations should be developed and managed for recreation uses to the maximum practicable extent consistent with the Bay Plan Map Policies and with all of the following:

- 1) Physical and visual access corridors between inland public areas, vista points and the shoreline should be created, preserved or enhanced. Corridors for Bay-related wildlife should also be created, preserved and enhanced where needed and feasible.
- 2) Historic structures and districts listed on the National Register of Historic Places or California Registered Historic Landmarks should be preserved consistent with applicable state and Federal Historic Preservation law and should be used consistent with the Bay Plan recreation policies. Public access to the exterior of these structures should be provided. Public access to the interiors of these structures should be provided where appropriate.
- 3) To assist in generating the revenue needed to preserve historic structures and develop and maintain park improvements and to achieve other important public objectives, uses other than water-oriented recreation, commercial recreation and public assembly facilities may be authorized on former military installations designated on the Bay Plan maps for waterfront park uses only at locations identified in the Bay Plan map policies. Even at these designated locations, these other uses should be allowed only if they would: (1) not diminish recreation opportunities or the park-like character of the site; (2) preserve historic buildings where present for compatible new uses; and (3) not significantly, adversely affect the site's fish, other aquatic life and wildlife and their habitats.

The Presidio is designated a waterfront park, beach priority use area in the San Francisco Bay Plan Map 4, Central Bay North. Included with Plan Map 4 are two policies specifically directed at the Presidio: Policy 27 states that the area of the Presidio within the jurisdiction of the NPS should be developed and managed for open space and water-oriented recreation. The policy also states Crissy Field marsh should be protected in addition to evaluating the possible need for expansion and improvement to the marsh while preserving cultural resources and recreation use. Policy 28 states that development within the Presidio Area B should be consistent with the recreation policy 5-c as called for in the Trust's management plan. The policy specifically states that "alterations to Doyle Drive should preserve recreation opportunities within the waterfront park priority use area and preserve existing natural and cultural values or their restoration potential" (BCDC, 2003). In the plan map notes, it is suggested that a scenic transit system could be a major waterfront attraction, and "could eventually operate the entire distance from the Golden Gate Bridge (or even Ocean Beach) to the Ferry Building (or south to China Basin)" (BCDC, 2003).

4.3.1.9 San Francisco General Plan (1996)

The San Francisco General Plan establishes general land use goals and objectives for development in the City, but excludes the Presidio, and prescribes policies as steps for achieving the objectives. Although the Presidio is under exclusive Federal jurisdiction and not under jurisdiction of the City, the NPS and Trust seek to minimize possible conflicts between Federal activities and City policies, and consult with the City to

achieve consistency wherever possible. While lacking jurisdiction, the City Planning Commission may review proposals and advise the Presidio on matters of mutual interest. Several policies of the General Plan could have a bearing on the Doyle Drive Project, including:

- commuter traffic should not impede MUNI transit services or overburden streets or neighborhood parking;
- landmarks and historic buildings should be preserved; and
- parks and open space and their access to sunlight and vistas should be protected from development.

The General Plan is divided into several elements, which discuss specific topics and areas of concern. The Environmental Protection Element, the Transportation Element, the Recreation and Open Space Element, and the Urban Design Element contain policies that have relevance to the Doyle Drive Project.

Environmental Protection Element - The environmental protection element focuses on policies to conserve, protect and improve the natural resources of San Francisco. Policy 8.2 states that the City should protect the habitats of known plant and animal species that require a relatively natural environment and that the Presidio should be urged to protect animal and plant habitats within its boundaries

Other policies encourage the development and use of urban mass transportation systems to reduce the environmental impacts associated with automobile use, including retaining and expanding the electric trolley network. Policies to reduce transportation noise are also recommended and measures to slow down traffic or divert to through streets are encouraged to reduce noise in sensitive areas and residential streets.

Transportation Element - The Transportation Element is composed of several sections which deal with components of the local and regional transportation system. Policies encourage pedestrian and bicycle traffic, including maintaining and constructing sidewalks on streets with pedestrian traffic. It encourages the development of a recreational trail system that links city parks and open space, including the Marina Green, Crissy Field, Fort Point, and the rest of the Presidio. Marina Boulevard is identified as a component in the Bicycle Route Network that links the Marina Green to Crissy Field, Fort Point, and other areas within the Presidio. Policy 8.1 is directed to ensure that the Coast Trail, Bay Trail and Ridge Trail remain uninterrupted and unobstructed where they pass through San Francisco, including the Presidio

The Transportation Element also gives priority to public transit and other alternatives to the private automobile, as a means of meeting San Francisco's transportation needs, particularly those of commuters. For the conversion and re-use of inactive military bases, San Francisco has a policy to provide for a balanced, multi-modal transportation system (Policy 2.6). Additional policies are aimed at not increasing the vehicular capacity of approaches to the Golden Gate Bridge, and instead, concentrating efforts on accommodating future travel demand through transit (Policy 3.1).

The Transportation Element also addresses transportation facilities around residential neighborhoods and parks. Wherever feasible, automobile and commercial traffic should be diverted from residential neighborhoods onto major and secondary arterials to non-residential streets wherever possible. High speed through traffic should be discouraged on local streets in residential areas through traffic "calming" measures that are designed not to disrupt transit service or bicycle movement. Through traffic should also be routed away from San Francisco's shoreline recreation areas, such as Crissy Field and the Marina Green. The impacts of automobile traffic should be reduced in and around parks and along shoreline recreation areas. The Transportation Element includes a policy which suggests the design and location of facilities should be done to preserve the historic city fabric and the natural landscape, and to protect views (Policy 2.3).

The only specific guideline in the General Plan for Doyle Drive is, "This road should be improved for greater safety and minimal conflict with the recreational and scenic values of the Presidio; design capacity should be no greater than three lanes in each direction." Each of the proposed build alternatives would be consistent with this guideline and provide three through lanes in each direction. An auxiliary lane in the southbound

direction between the Park Presidio interchange and the connection to Marina Boulevard would accommodate merging, diverging and weaving maneuvers for improved traffic safety.

Recreation and Open Space Element - The Recreation and Open Space Element outlines San Francisco's policies to preserve existing open space. It recommends gradually eliminating non-recreational uses in parks and playgrounds and reducing automobile traffic in and around public open space. A policy to create a trail around the perimeter of the City which links open space along the shoreline and provides for maximum waterfront access is consistent with the Transportation Element's policies. It also specifically addresses preserving the open space and natural character of the Presidio (Policy 2.5).

Urban Design Element – The Urban Design element is concerned with the physical environment and the order of the city. It is concerned with development, preservation and the relationship between people and their environment. Policy 2.4 is designed to preserve notable landmarks and areas of historic, architectural or aesthetic value, and to promote the preservation of other buildings and features that provide continuity with past development.

4.3.1.10 San Francisco Local Approvals

Because the Presidio is on Federal land, it is under exclusive Federal jurisdiction and therefore it is not directly subject to state and local land use plans, policies or regulations. However, because the Doyle Drive Project area extends into the Marina, Lombard Street corridor, and Cow Hollow neighborhoods in San Francisco, the project would require local approvals affecting land use outside Federal property. In addition, the Trust advises the City of planning, construction and land use proposals in the Presidio that may have an impact upon the City through the NEPA environmental review process.

Some of the local approvals which would be required by the Doyle Drive Project include encroachment permits, and authorization for any sidewalk or roadway changes within City jurisdiction. If construction work is contemplated on the portion of the study area outside of Federal property, consistency with Article 20 of the Public Works code would be required since there is the potential for hazardous materials being transported through/on San Francisco streets. In addition, construction may be subjected to the San Francisco noise ordinance.

The Palace of Fine Arts, located on the edge of the Presidio and within the Doyle Drive study area is a designated City Landmark (Number 88) subject to the requirements of Article 10 of the San Francisco Planning Code. A finding of General Plan Conformity for the Doyle Drive Project by the San Francisco Planning Department and Planning Commission is also required.

4.3.1.11 Future Restored Tennessee Hollow Study Corridor

The NPS and the Trust plan to restore the Tennessee Hollow creek system and its associated riparian corridor to its natural state, as discussed in the GMPA and the PTMP. The Trust is preparing the Tennessee Hollow Watershed Project Environmental Assessment. The project features a range of alternatives, each with an emphasis on restoring the Tennessee Hollow creek system. In 2004 the Trust and NPS completed the Crissy Marsh Expansion Study, which examined the health and function of the marsh. The Trust and NPS will evaluate a full range of alternatives for the long-term health and viability of the marsh, including the area of Tennessee Hollow within the Doyle Drive corridor. Proposed vegetation within the Doyle Drive corridor would include brackish marsh species, such as willows, sedges, rushes and other flowering herbaceous wetland species. An evaluation of shade impacts associated with each alternative can be found in Appendix B.

4.3.2 Consistency with Plans and Policies

This section describes the analysis of consistency of the proposed project alternatives with plans and policies that govern the study area. Each alternative was evaluated as to its consistency with existing plans and policies. For a detailed description of plans and policies refer to Section 4.3.1.

4.3.2.1 No-Build and Replace and Widen Alternatives

2002 Presidio Trust Management Plan

The PTMP identifies planning concepts and guidelines for distinct planning areas within the Presidio. The No-Build and the Replace and Widen Alternative would be inconsistent with many of the PTMP guidelines. For example:

- By maintaining Doyle Drive entirely above grade, opportunities to increase open space and enhance scenic views and vistas would be substantially reduced.
- The No-Build and Replace and Widen Alternatives would not provide opportunities for the implementation of strategies intended to minimize automobile use, including improved public transit connections and circulation or allow for the implementation of environmentally sound technologies. Under these alternatives, vehicles would continue to access the Presidio through one of the seven gates or Merchant Road since the Richardson Avenue slip ramp would be removed.
- Although maintaining Doyle Drive above grade would not improve open space connections between Crissy Field (Area B) and other parts of the park (i.e., Main Post Letterman Complex, and Fort Scott), the alternatives would maintain the existing access.
- Although the Replace and Widen Alternative - No Detour Option would not require removal of the Commissary (Buildings 605 and 606), the Replace and Widen Alternative – Detour Option would require the removal of the Commissary to accommodate the temporary detour structure. This would conflict with the PTMP desire to use the Commissary as a museum.

The No-Build and Replace and Widen alternatives would be consistent with other PTMP policies. Neither alternative would interfere with the overall planning objective of each planning district nor would they interfere with the housing objectives of the plan. Each alternative would accommodate a restoration of Tennessee Hollow.

1994 General Management Plan Amendment Environmental Impact Statement

The GMPA outlines concepts for preservation and development for specific planning areas within Area A of the Presidio. The No-Build and the Replace and Widen Alternatives would be inconsistent with several GMPA goals and policies. The alternatives would not: redesign Doyle Drive as a parkway, minimize the effects of noise and other pollutants on the park, nor improve the Presidio entrance and circulation features of Doyle Drive.

Doyle Drive Task Force Report

The No-Build Alternative would be inconsistent with the report recommendations since there would be no improvements or changes to the existing Doyle Drive.

Although the Replace and Widen Alternative would be consistent with some engineering recommendations in the Doyle Drive Task Force Report such as three continuous six 3.6-meter (12-foot) lanes in each direction, it would be inconsistent with the overall design recommendations for a parkway, including:

- This alternative would not use tunnels and cut-and-cover to mitigate adverse impacts.
- It would not maximize views for park users or from nearby neighborhoods.
- This alternative would not minimize the height of the Doyle Drive vertical structures.
- It would not provide an interchange so that Doyle Drive traffic can enter the Presidio directly, instead of traveling through surrounding neighborhoods.

Letterman Complex EIS

The No-Build Alternative would be consistent with the Letterman Complex EIS, particularly the preferred alternative (Digital Arts Center), which is currently under construction.

The Replace and Widen Alternative, No Detour and Detour options, would remove the Richardson Avenue slip ramp that is currently under construction as a proposed mitigation measure for the Letterman Digital Arts Center (to provide direct access and egress to the Letterman complex via Richardson Avenue). Removal of the access ramp would make the Replace and Widen Alternative inconsistent with the Letterman Complex EIS.

Presidio of San Francisco Vegetation Management Plan and Environmental Assessment

The No-Build Alternative would be inconsistent with the following two objectives in the VMP:

- The Alternative would not increase open space to enhance park values and improve the Presidio's natural and recreational qualities.
- The Alternative would not create opportunities for restoration of wildlife habitats.

The No-Build Alternative would be consistent with other aspects of the VMP; however, since it would not disturb water resources, wildlife habitats, forests in the historic forest management zone, and existing historic landscapes and plants.

The Replace and Widen Alternative would be inconsistent with several key objectives in the VMP:

- The Alternative would not increase open space to enhance park values and improve the Presidio's natural and recreational qualities.
- The Alternative would not restore and maintain wildlife habitats.
- The Alternative would not maintain the forest within the historic forest management zone as a significant historic landscape feature. Approximately 2.8 hectares (7 acres) of tree cover would be removed under this alternative, primarily near the Park Presidio interchange.

While the Replace and Widen Alternative would not serve many of the objectives in the VMP, the Alternative would be consistent with the need to protect water resources.

Presidio Trails and Bikeways Master Plan & Environmental Assessment

The No-Build Alternative is consistent with the overall goals of the Presidio Trails and Bikeways Master Plan. The alternative would not have an effect any existing or proposed trails and bikeways in the Presidio and would accommodate the goals and objectives of the plan.

The Replace and Widen Alternative is also consistent Presidio Trails and Bikeways Master Plan. This alternative would also accommodate the goals and objectives of the plan by allowing implementation of any alternative. The Replace and Widen Alternative would maintain access by allowing pedestrians and bicyclists to cross over or under the Doyle Drive facility at numerous locations (DKS Associates, 2004). The completed Replace and Widen Alternative would accommodate those trail corridors (Tennessee Hollow Trail, Park Boulevard Trail, and Presidio Promenade Trail) which cross under the Doyle Drive structure. During the construction period, there would likely be some temporary closure or detour of existing trails in the vicinity of Doyle Drive. As sections of Doyle Drive are under construction, those trails that cross under the structure in that area would need to be detoured or closed from use in order to accommodate construction activities and for the safety of trail users.

Crissy Field Plan

The No-Build and Replace and Widen Alternatives would be consistent with the Crissy Field Plan and would not impact the implementation of any elements of the Proposed Action since any work associated with the alternatives would occur outside the boundaries of the Crissy Field Plan study area.

San Francisco General Plan

The No-Build and Replace and Widen Alternatives would be inconsistent with the Environmental Protection Element and Recreation and Open Space Element. While both alternatives would not substantially change existing conditions within the Presidio, they are inconsistent with General Plan policies because these alternatives do not implement changes that would promote the preservation of additional open space or the natural character of the Presidio, eliminate non-recreational uses or improve existing conditions for development of mass transit, slow traffic or reduce transportation noise.

The No-Build Alternative would also be inconsistent with the Transportation Element because it does not meet the General Plan design guideline for Doyle Drive which calls for the road to be improved for greater safety..

While the Replace and Widen Alternative would improve the safety of Doyle Drive, it would be partially inconsistent with the Transportation Element because it does not minimize conflicts with the scenic values of the Presidio.

San Francisco Bay Plan

The No-Build and Replace and Widen Alternatives would not affect the shoreline or undeveloped areas of the Presidio nor would they discourage use of the shoreline recreation areas. According to the Bay Plan, these areas are to be retained for park uses and, therefore, these alternatives would not be in conflict with this policy. Although neither alternative would improve access to the Presidio or improve open space connections between the north and south sides of Doyle Drive, both alternatives would maintain the existing access to the shoreline from within the Presidio. Both alternatives would also accommodate an expansion of Crissy Marsh as called for in Bay Plan Map 4 Policy 27.

San Francisco Local Approvals

Neither alternative would require construction in lands needing additional approval from the City and County of San Francisco.

Future Restored Tennessee Hollow Study

The No-Build Alternative would not increase the existing percentage of shade found under the viaduct structure but would still have an adverse effect on restoration that attempts to restore shade-intolerant plants. The existing viaduct would potentially comprise an impediment to wildlife using the restored Tennessee Hollow/Crissy Marsh expansion area for movement to and from the existing Crissy Marsh. The Replace and Widen Alternative would place wider structures in the Tennessee Hollow area. The increased width of the structures would cast approximately 22 percent and 18 percent (for the No-Detour and Detour options, respectively) more full shade on a future Tennessee Hollow than the No-Build Alternative. This increase in shade would have an adverse effect on restoration that attempts to restore shade-intolerant plants. The new viaducts would potentially comprise an impediment to wildlife using the restored Tennessee Hollow/Crissy Marsh expansion area for movement to and from the existing Crissy Marsh.

However, assuming the corridor under the viaduct is designed with natural features such as logs and rocks, it is concluded that neither the No-Build or Replace and Widen Alternatives would not constrain the use of Tennessee Hollow area as a wildlife corridor for terrestrial wildlife, although some birds would be unlikely to pass through.¹⁸

¹⁸ The build alternatives would, however, be inconsistent with the management designation for Tennessee Hollow under the Presidio Trust Management Plan (Presidio Trust, 2002).

4.3.2.2 Presidio Parkway Alternative

2002 Presidio Trust Management Plan

The Presidio Parkway Alternative would support the following PTMP land use and planning policies:

- More Open Space – The Presidio Parkway Alternative would be consistent with this policy since the Presidio Parkway Alternative would allow more open space in areas where Doyle Drive would be reconstructed from above grade to below grade. Under the Presidio Parkway Alternative, two portions of Doyle Drive would be in tunnel: 1) Shallow cut-and-cover tunnels would extend 240 meters (787 feet) past east of the San Francisco National Cemetery to east of Battery Blaney, and 2) Cut-and cover tunnels up to 310 meters long (984 feet) would extend from Building 106 (Band Barracks) to east of Halleck Street.
- Enhanced Scenic Views – By placing portions of Doyle Drive in underground tunnels, the Presidio Parkway Alternative would provide enhanced scenic views in the study area.
- The new intersection at Girard Road would provide access to the Presidio at the east of Doyle Drive and the proposed Merchant Road slip ramp option would provide direct access to the Golden Gate Visitors' Center and alleviate the congested weaving section where northbound Park Presidio Boulevard merges into Doyle Drive.

The Presidio Parkway Alternative would be inconsistent with the following PTMP land use and planning policy:

- Balanced Use of Building Space – The Presidio Parkway Alternative would not be consistent with this policy since it would require the permanent removal of Buildings 605 and 606 in the Post Exchange/Commissary area, Building 1158 in the Gorgas Warehouses area, Buildings 201, 204, 205, 230 and 231 in the Main Post – North Halleck area, and Building 670 in the Cavalry Stables area. If the Circle Option is implemented, Building 1151 in the Gorgas Warehouses area would also be permanently removed. The Merchant Road slip ramp option would require the removal of four residential buildings (Buildings 1253 – 1256) along Armistead Road.
- Sustainable Transportation and Infrastructure Systems – Although the Presidio Parkway Alternative would improve access to the Presidio and maintain pedestrian and bicycle corridors, it would not include strategies to minimize automobile use or implement sustainable practices and environmentally sound technologies.
- Parkway Alternative would not be consistent with the PTMP objective to preserve and enhance the historical resources of the Presidio. The Presidio Parkway Alternative would require the removal of the following historic buildings: Buildings 670, 201, 204 and 230. In addition, Building 1151 would be removed under the Circle Drive Option.

1994 Presidio General Management Plan Amendment

The Presidio Parkway would be consistent with the land use and planning policies set forth in the GMPA and the GMPA Planning Area Concepts for Area A. It would redesign Doyle Drive as a parkway rather than freeway, improve connections between the Presidio and existing city roadway and transit systems, provide standard ramp geometry at the exit ramp from eastbound Doyle Drive to Park Presidio Boulevard, and enhance scenic vistas by placing sections of Doyle Drive in underground tunnels.

Doyle Drive Task Force Report

The Presidio Parkway Alternative would be consistent with the report recommendations since it would improve the existing Doyle Drive with many features included in the proposed parkway concept: three lanes in each direction with an eastbound auxiliary lane between the Park Presidio interchange and the new Presidio access at Girard Road, use of cut-and-cover tunnels, improved views within the Presidio (although

views for motorists would be diminished with a lower structure and portions in tunnels), improved access to the Presidio, and improved safety and amenities.

Letterman Complex EIS

The Presidio Parkway Alternative would be consistent with the Letterman Complex EIS, particularly the preferred alternative (Digital Arts Center), which is currently under construction.

Presidio of San Francisco Vegetation Management Plan and Environmental Assessment

The Presidio Parkway Alternative would be inconsistent with objectives in the VMP related to maintaining the forest within the historic management zone and retaining existing historic landscapes and plants, since it would require removal of approximately 5.4 hectares (13.3 acres) of tree cover, primarily near the Park Presidio interchange. The Presidio Parkway Alternative would also be inconsistent with the VMP because of potential disturbance to groundwater at the Battery tunnels.

In general, however, the Presidio Parkway Alternative would be consistent with many of the objectives in the VMP:

- The Alternative would increase open space to enhance park values and improve the Presidio's natural and recreational qualities, since portions of Doyle Drive will be in underground tunnels.
- The Alternative would support protection of sensitive wildlife species, and restore and maintain their habitats by providing more open space and connectivity between both sides of the Doyle Drive roadway.

Presidio Trails and Bikeways Master Plan & Environmental Assessment

The Presidio Parkway Alternative is consistent with the Presidio Trails and Bikeways Master Plan by improving public access to the Presidio, improving traffic safety for motorists, bicyclists and pedestrians, and supporting resource preservation by providing additional open space and enhanced scenic views. The Presidio Parkway Alternative would accommodate the goals and objectives of the plan. The Presidio Parkway Alternative would not impact permanently affect those trail corridors located in the vicinity of Doyle Drive including the Tennessee Hollow Trail, Park Boulevard Trail, or Presidio Promenade Trail. There would be improved views along portions of the Tennessee Hollow and Presidio Parkway Trails as sections of Doyle Drive would be placed in tunnels.

The Presidio Parkway Alternative would maintain access by allowing pedestrians and bicyclists to cross over or under the Doyle Drive facility at numerous locations. It would also include new pedestrian crossings on Girard Road between the Palace of Fine Arts and Girard Road, as well as a crossing at the Richardson Avenue/Gorgas Avenue intersection (DKS Associates, 2004).

During the construction period, there would likely be some temporary closure or detour of existing trails in the vicinity of Doyle Drive. As sections of Doyle Drive are under construction, those trails that cross under the structure in that area would need to be detoured or closed from use in order to accommodate construction activities and for the safety of trail users.

Crissy Field Plan

The Presidio Parkway Alternative would be consistent with the Crissy Field Plan and would not impact the implementation of any elements of the Proposed Action since any work associated with the Presidio Parkway Alternative would occur outside the boundaries of the Crissy Field Plan study area.

San Francisco General Plan

The Presidio Parkway Alternative would not be consistent with the San Francisco General Plan's policy to preserve landmarks and historic buildings. The Presidio Parkway Alternative would require the removal of the following historic buildings: Buildings 670, 201, 204 and 230. In addition, Building 1151 would be removed under the Circle Drive Option.

The Presidio Parkway Alternative would be consistent with other land use policies and objectives established in the San Francisco General Plan and its various elements.

The Presidio Parkway Alternative would be consistent with the design guidelines presented in the Transportation Element. The alternative would improve safety of the roadway and also improve the scenic values of the Presidio by placing portions of the roadway in tunnels and lowering the height of the low-viaduct structure.

San Francisco Bay Plan

The Presidio Parkway Alternative would not affect the shoreline or undeveloped areas of the Presidio. According to the Bay Plan, these areas are to be retained for park uses and therefore, this alternative would not be in conflict with this policy. The alternative would also accommodate an expansion of Crissy Marsh as called for in Bay Plan Map 4 Policy 27. The Presidio Parkway Alternative would improve access to the Presidio and indirectly improve access to those recreational opportunities available along the Bay. Additionally, placement of a segment of roadway would provide improved access between the Main Post and waterfront areas of the Presidio.

San Francisco Local Approvals

The Presidio Parkway Alternative would require construction in lands needing additional approval from the City and County of San Francisco Department of Public Works.

Future Restored Tennessee Hollow Study

The Presidio Parkway Alternative would increase the width of roadway structures in the Tennessee Hollow area although at a lower height. The reduced height of the structures would result in approximately 5 percent less full shade on a future Tennessee Hollow than the No-Build Alternative. Due to the low average Height:Width ratio of the Presidio Parkway Alternative, it is believed that no vegetation would establish under the causeway. The new viaducts would potentially comprise an impediment to wildlife using the restored Tennessee Hollow/Crissy Marsh area for movement to and from the existing Crissy Marsh. However, assuming that the corridor under the viaducts is designed with natural features such as logs and rocks, it is concluded that the Presidio Parkway Alternative would not constrain the use of the Tennessee Hollow area as a wildlife corridor for terrestrial wildlife, although some birds would be unlikely to pass through

4.4 CEQA SIGNIFICANCE

4.4.1 Significance Criteria

This section has been prepared in accordance with the California Environmental Quality Act of 1970 (CEQA), as amended (Public Resources Code, Section 21000, et. seq.), and the California Environmental Quality Act Guidelines (California Administrative Code Section 15000, et. seq.). The CEQA Guidelines section 15382 defines “significant effect on the environment” as a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project.

Appendix G to the CEQA Guidelines describes impacts that the California Resources Agency has determined are normally considered significant. These guidelines require that physical changes in the environment be evaluated based on factual evidence, reasonable assumptions supported by facts, and expert opinion based on facts. According to Caltrans Environmental Handbook Volume 4 – Community Impact Assessment (June 1997), the following list of impacts are considered socioeconomic in nature and relevant to community impact assessments. The effects were considered significant when these impacts would result in the following conditions:

- Would the project physically divide an established community?

- Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?
- Would the project cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?
- Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?
- Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?
- Would the project result in inadequate emergency access?
- Would the project conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

4.4.2 Significance Findings

Based on the impact analysis, implementation of either the Replace and Widen Alternative or the Presidio Parkway Alternative would not result in significant impacts to the community or land uses of the project area.

Would the project physically divide an established community?

None of the project alternatives would physically divide an established community since the alternatives would replace an existing roadway in generally the same location.

Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

None of the project alternatives would induce population growth in an area. The project would replace an existing roadway with a safer structure and provide access to areas identified in current development plans. The alternatives do not provide additional capacity.

Would the project cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?

Yes, the project would result in a substantial increase in traffic in some locations under some alternatives as compared to the No-Build Alternative.

Traffic volumes on the segment of northbound Richardson Avenue between Marina Boulevard access ramps and Lyon Street would remain about the same with the Replace and Widen Alternative as the No-Build Alternative. Traffic would increase by 21 and 17 percent, respectively, for the Presidio Parkway Alternative – Diamond Option and the Presidio Parkway Alternative – Circle Drive Option. This impact would primarily affect operations on Richardson Avenue.

Intersection delays resulting from conditions under the Replace and Widen Alternative would adversely affect operations along Marina Boulevard during the morning and evening weekday commute periods in both the northbound and southbound directions. In addition, the Lyon Street/Lombard Gate would be adversely affected under this alternative under weekend conditions (LOS D to E). However, these changes would result in little overall effect to traffic operations throughout the Marina neighborhood. Overall, the Presidio

Parkway Alternative would benefit intersections that would be congested under 2030 No-Build Alternative conditions.

Under the Presidio Parkway Alternative, congestion would increase at the Richardson Avenue/Francisco Street intersection resulting from the proposed Richardson/Gorgas/Lyon intersection planned for Presidio access. This impact is not expected to result in adverse impacts to neighborhood traffic operations.

Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

None of the project alternatives would require the displacement of substantial numbers of people. The Presidio Parkway Alternative would potentially remove four residential buildings with the Merchant Road slip ramp option. The four non-historic residential buildings are located along Armistead Road, and include Building 1253 (one 2-bed unit), Building 1254 (two 2-bed units), Building 1255 (two 2-bed units), and Building 1256 (one 2-bed unit). Numerous housing units are available in the immediate surrounding area of this northern part of Fort Scott planning area and additional housing is also available in the southern portion of the planning area along Storey Avenue, Ruckman Road and Hitchcock Street. Any displaced resident should be able to find alternate housing within the Presidio, as there is currently a five percent vacancy rate and more units are becoming available as building rehabilitation continues.

Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

There is no farmland in the project area.

Would the project result in inadequate emergency access?

All project build alternatives would maintain the existing emergency access to the Presidio and surrounding areas that would be similar to existing conditions (No-Build Alternative). Although emergency access routes would be maintained during construction of either build alternative, it is expected that emergency vehicle response times would be delayed, although not significantly, from existing conditions.

Would the project conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

Both the No-Build Alternative and the Replace and Widen Alternative would conflict with various elements of the PTMP, GMPA, Doyle Drive Task Force Report, Letterman Complex EIS, Presidio Vegetation Management Plan, and San Francisco General Plan. The Presidio Parkway Alternative would conflict with some elements of the PTMP, San Francisco General Plan and Presidio Vegetation Management Plan. None of the inconsistencies or conflicts would be considered a significant impact. Please see Section 4.3.2 for a discussion of the consistency of each alternative with the various plans and policies analyzed.

SECTION 5: CUMULATIVE IMPACTS

Both NEPA and CEQA require a project to analyze cumulative impacts in addition to direct and indirect impacts. Section 1508.7 of the Council on Environmental Quality (CEQ) Regulations defines a cumulative impact as “the impact on the environment which results from the incremental impact of the action when added to other past, present and reasonably foreseeable future actions regardless of what agency (Federal or non-Federal) or person undertakes such other actions. Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time.”

According to CEQA Guidelines Section 15355 cumulative impacts refers to “two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts.”

In order to analyze a proposed project’s contribution to cumulative impacts, CEQA requires that the lead agency identify reasonably foreseeable projects in the vicinity of the proposed project, summarize their effects, identify the contribution of the proposed project to cumulative impacts in the project region, and recommend feasible options for mitigating or avoiding the project’s contribution to any significant cumulative effects (CEQA Guidelines Section 15130 [b][3]).

The cumulative impacts analysis considers the impacts to the community generated by the Doyle Drive Project in combination with other projects in the area including Marin County, the City of San Francisco, and the Presidio. For this Community Impact Assessment the following list of projects was compiled using existing environmental documents such as the MTC’s 2001 Regional Transportation Plan for the San Francisco Bay Area, (Adopted December 2001/Amended November 2002). In order to capture potential indirect cumulative effects the list of projects also includes highway improvements, transit projects, and current and future development plans for projects within the study area and within the same areas of potential effect evaluated as part of the No-Build, Replace and Widen, and Presidio Parkway Alternatives. Other projects to be considered include:

- Letterman Digital Arts Center – currently under construction
- Richardson Avenue slip ramp – currently under construction
- Presidio Transit Center – construction beginning Fall 2004
- Presidio Water Recycling Project – planning document prepared March 2002; construction scheduled to begin shortly
- Crissy Marsh Expansion – preliminary planning
- Tennessee Hollow Restoration – preliminary planning
- Building rehabilitation in the Presidio – on-going
- Rehabilitation of the Palace of Fine Arts – on-going
- San Francisco – Oakland Bay Bridge: Seismic Retrofit of the West Span and West Approach – on-going
- San Francisco – Oakland Bay Bridge: East Span Seismic Safety Project – currently under construction
- Golden Gate Bridge Seismic Retrofit – on-going
- Golden Gate Bridge Movable Median Barrier – on-going

- Highway 101 Widening, Interchange and HOV Projects – on-going
- Octavia Boulevard Project – currently under construction
- Multi-unit Housing Development on Bay Street – currently under construction
- Fort Baker Project – preliminary planning

This section provides a summary of the cumulative impacts assessment conducted for resource areas covered in this Community Impact Assessment. The cumulative assessment considers the potential for the project, in combination with the projects listed above, to have impacts on the physical environment of the Presidio and surrounding area. The Doyle Drive Project would likely contribute to the cumulative impacts on the following areas: transportation including traffic, parking and bicycle/pedestrian facilities; socioeconomic conditions; and land use.

Traffic

Doyle Drive is part of a limited system of gateways in and out of the City of San Francisco. The Golden Gate Bridge, including U.S. Highway 101 in Marin County and the San Francisco-Oakland Bay Bridge are part of this system providing access to the city. The most recent 2001 Regional Transportation Plan for the San Francisco Bay Area (MTC, 2001) notes that there are several ongoing projects over the next several years that could affect traffic operations on these facilities. During the construction period, delays associated with other projects could result in a cumulative effect of increased traffic delay in terms of access into the City. These delays would be considered temporary. The potential for increased delay and congestion would depend on the timing of construction activities associated with each project, the amount of traffic diversion from these facilities to Doyle Drive, and measures that would be implemented to eliminate or reduce potential impacts such as public awareness campaigns and increased transit service.

Long-term baseline traffic conditions (2030 No-Build) in the Doyle Drive Project study area including the Presidio were analyzed using the travel demand forecasting model that was developed by the City and the SFCTA. Future conditions in this model are consistent with assumptions made about growth and transportation improvements in MTC's regional travel demand forecasting model and with the draft Presidio Transportation Improvement Plan (PTMP). Therefore, the Doyle Drive Project was analyzed in the context of long-range traffic conditions for the region. Overall, the project would result in a benefit or little change to long-term traffic conditions in the region. The Doyle Drive Project would also support transit-related plans in the area.

Parking

Based on known projects within the Presidio, the loss of parking associated with the Doyle Drive Project would not result in a cumulative impact to parking within the Presidio as the existing parking supply would be able to handle the cumulative demand for parking.

Bicycle and Pedestrian Facilities

During construction of either of the Doyle Drive Project build alternatives there is a potential for cumulative impacts to bicycle and pedestrian facilities within the Presidio and surrounding neighborhoods. During the construction period it is likely that various bicycle and pedestrian routes would be temporarily closed or detoured. If other projects also require the closure or detour of bicycle and pedestrian facilities, a cumulative impact would occur. Once completed, a new Doyle Drive would not contribute to cumulative impacts to bicycle and pedestrian facilities as existing routes would be maintained.

Socioeconomics

The Doyle Drive Project would not contribute to cumulative impacts to socioeconomic conditions in the Presidio and the surrounding region since neither of the build alternatives would add to the growth or reduction of population, jobs, or housing. Although the Presidio Parkway Alternative would potentially remove six residential units from the local housing supply, the loss of these housing units would be offset by

the housing that would be provided as part of the Presidio development plans outlined in the PTMP, in addition to the new housing construction occurring throughout the City of San Francisco.

No existing community facilities would be affected by the Doyle Drive Project. The project would not contribute to an overall cumulative impact or loss of community facilities within the Presidio or region. Although there is the potential for the removal of the proposed museum site at Building 610, replacement sites are available at the hangers located on the west end of Crissy Field. Other current development, including the LDAC, transit center, and future development plans such as the water recycling plant and Crissy Marsh expansion, would not be affected by the Doyle Drive Project.

Land use

When combined with other development projects which would require temporary and permanent building removal in the Presidio, the removal of buildings associated with the Doyle Drive Project alternatives would contribute to a cumulative impact on the number of structures available within the Presidio.

The Replace and Widen Alternative - Detour Option would require the temporary removal and return of four Mason Street warehouses, Buildings 1182, 1183, 1184, and 1185 in order to accommodate the temporary detour for the Marina connector ramp. The Presidio Parkway Alternative could require the temporary removal and return of Building 201, which is currently occupied by the Trust and used as storage and office space.

The buildings permanently removed by the Doyle Drive Project alternatives would include: Building 1158 with the Replace and Widen Alternative – No Detour Option; Buildings 605, 606, 610 and 653 with the Replace and Widen Alternative – Detour Option; Buildings 201, 204, 205, 230, 231, 670, 605, 606, 1158 with the Presidio Parkway Alternative – Diamond Option; and Buildings 201, 204, 205, 230, 231, 670, 605, 606, 1151, and 1158 with Presidio Parkway Alternative – Circle Drive Option. The Park Presidio Alternative with the Merchant Road slip ramp option would require the permanent removal of four residential buildings (Buildings 1253 – 1256). The resulting reduction in number of buildings would limit the space available for implementation of specific land uses within certain areas of the Presidio, primarily the Crissy Field and Main Post planning areas. Overall land use patterns within these specific planning areas of the Presidio are not likely to be affected by the removal of these buildings. However, should additional buildings in these planning areas be removed by other future projects, the ability of these planning areas to achieve the desired build-out may be jeopardized, resulting in a cumulative impact. The temporary and permanent removal of buildings by the Doyle Drive project would be fully compensated for in keeping with the Trust's goal of financial self-sufficiency by 2013.

Overall, during the construction period of the Doyle Drive Project there is the potential for temporary cumulative impacts related to traffic, bike/pedestrian facilities, and visual impacts to occur if other nearby construction activities are simultaneously occurring. However, with the exception of land use impacts, there would be no long-term cumulative impacts associated with traffic, parking, bike/pedestrian facilities, and socioeconomics as a result of the Doyle Drive Project in combination with other projects within the study area.

SECTION 6: PERSONS AND ORGANIZATIONS CONTACTED

CITY AND COUNTY AGENCIES

Fernando Juarez, Community Affairs, San Francisco Fire Department
Ed Martinez, San Francisco Fire Department

REGIONAL AGENCIES

Hing Wong, Association of Bay Area Governments (ABAG)

FEDERAL AGENCIES

San Francisco Bay Conservation and Development Commission (BCDC)

The Presidio Trust

- Don Bliss, Telecommunications
- John Fa, Associate Director of Development
- Jim Kelly, Utilities Manager
- Mary Leader, Community Relations
- Amy Marshall, Senior Transportation Planner
- Ann Ostrander, Housing
- Peter Owens, Senior Planner
- John Pelka, Senior Planner
- Richard Tilles, Transportation Project Manager
- Mark Helmbrecht, Transportation Program Manager

Assistant Chief Bill Delapaline, Presidio Fire Department

Lieutenant Jeff Wasserman, U.S. Park Police

OTHER

Darin Delagnes, The John Stewart Company, management company for The Presidio Residences

Elizabeth Jordan, Executive Director, Presidio YMCA

Carol Prince, Golden Gate National Parks Conservancy

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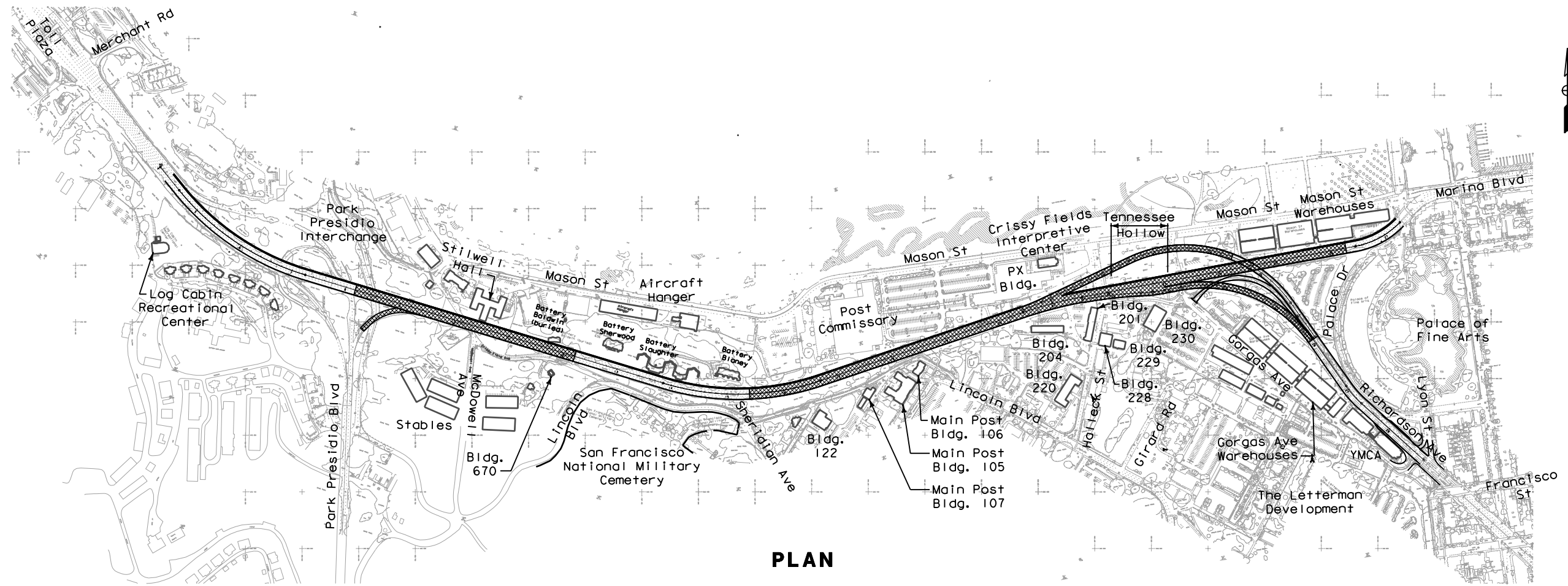
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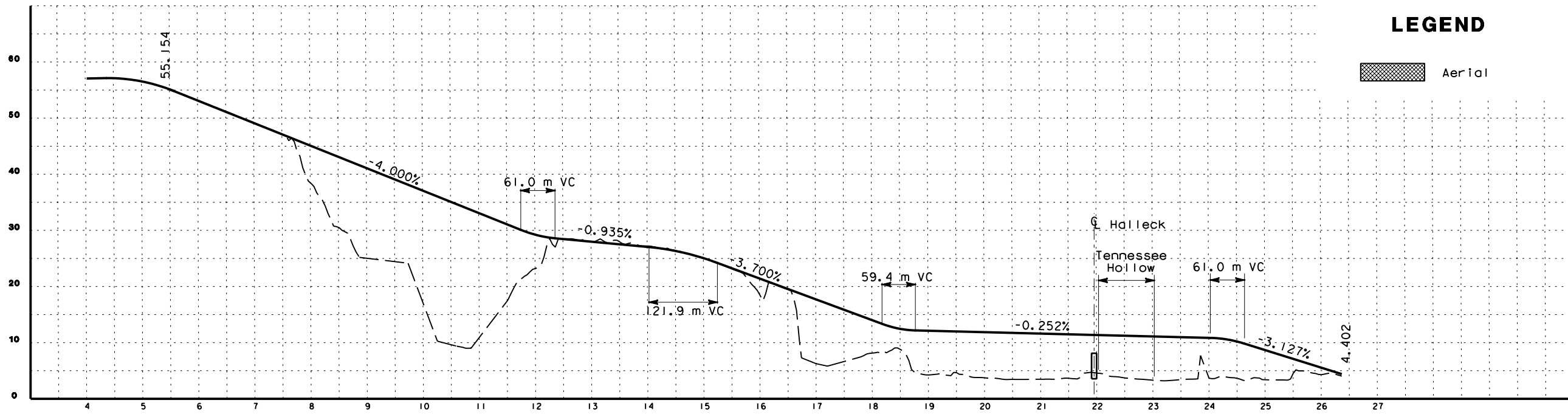
APPENDIX A

DETAILED ALIGNMENT AND DESIGN OPTION PLAN SHEETS

1. No Build



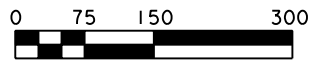
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PROFILE

LEGEND

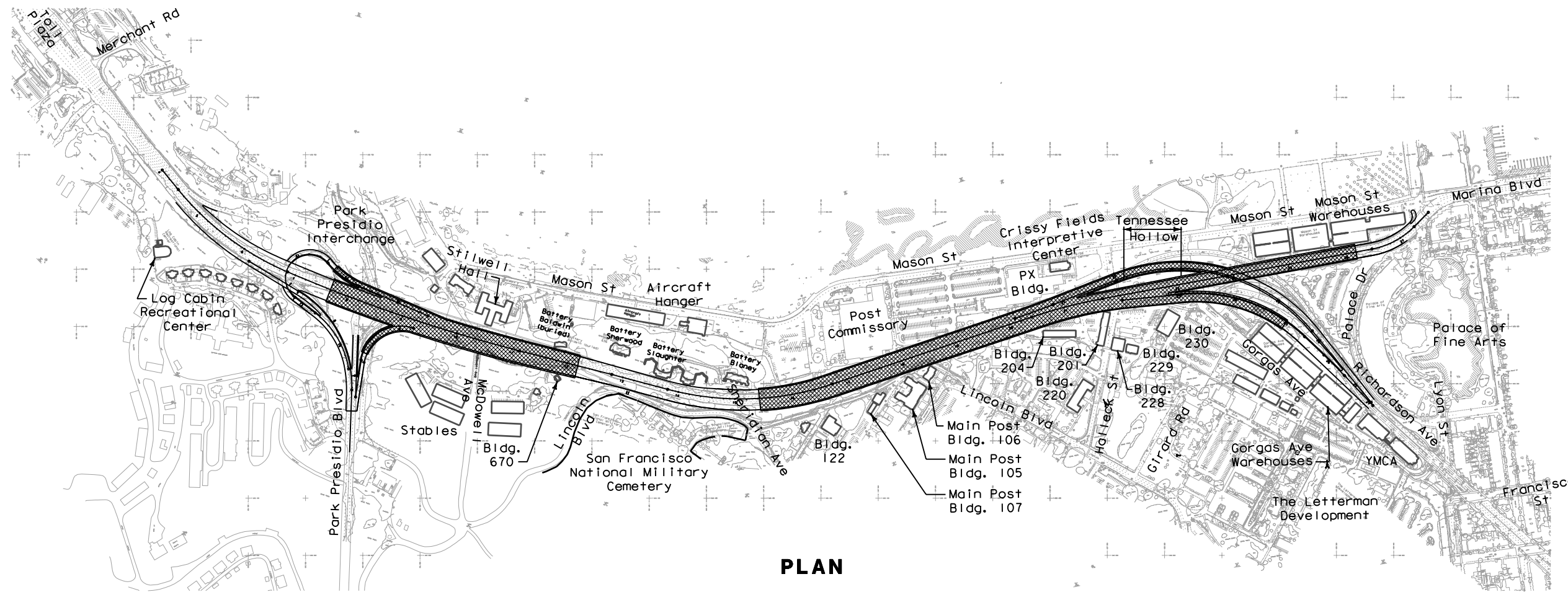
Aerial



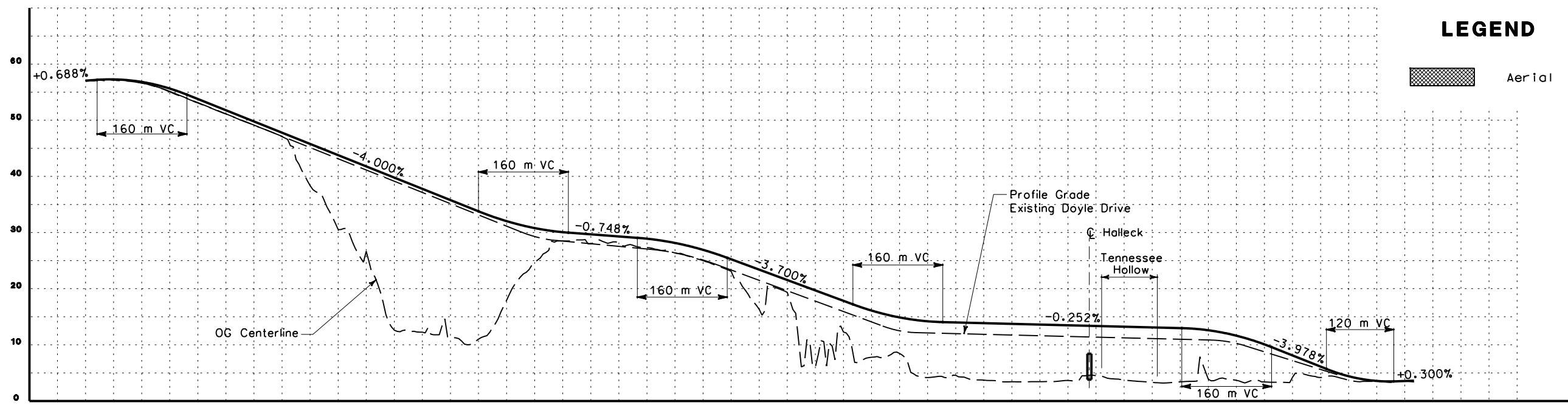
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2. Replace and Widen - No Detour



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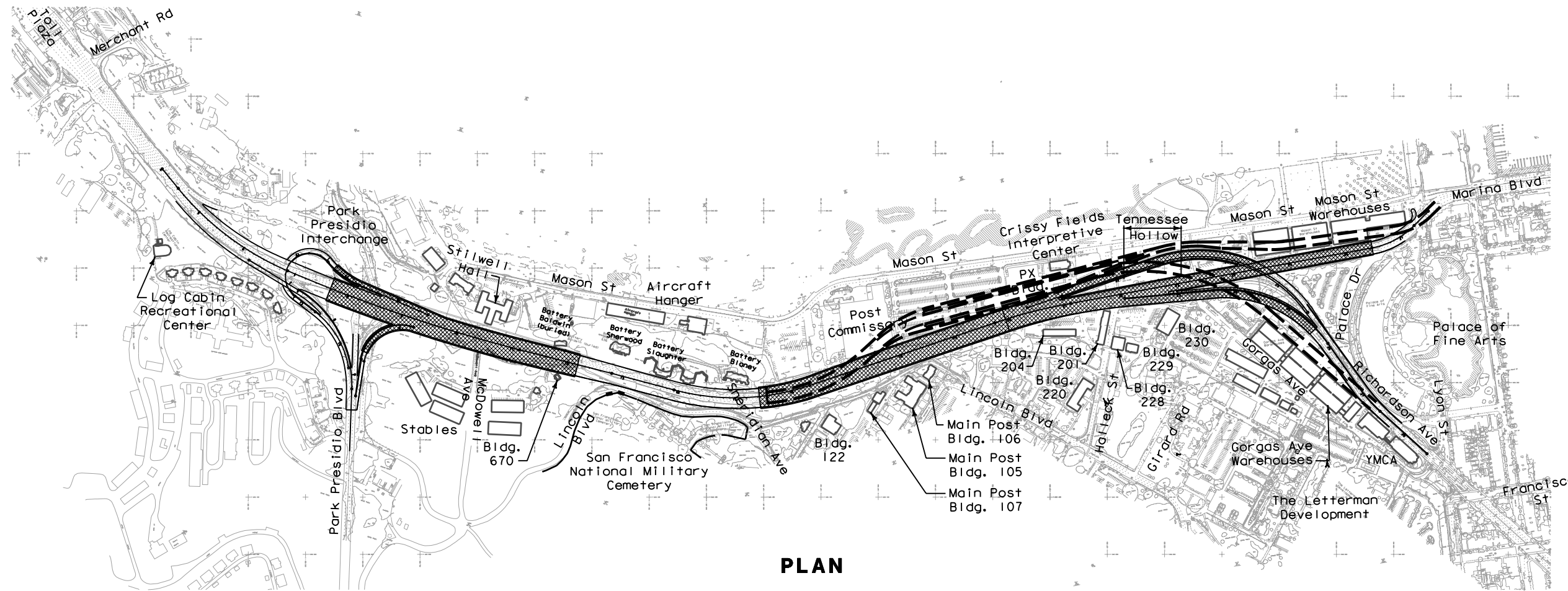
PROFILE

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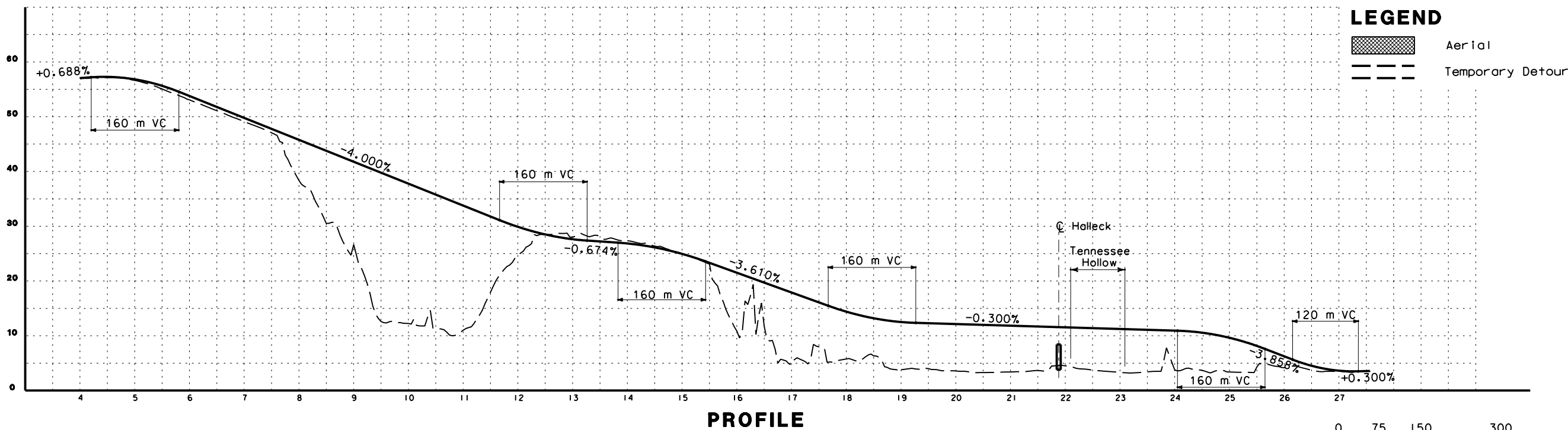
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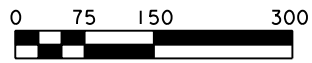
2. Replace and Widen - With Detour



PLAN



PROFILE

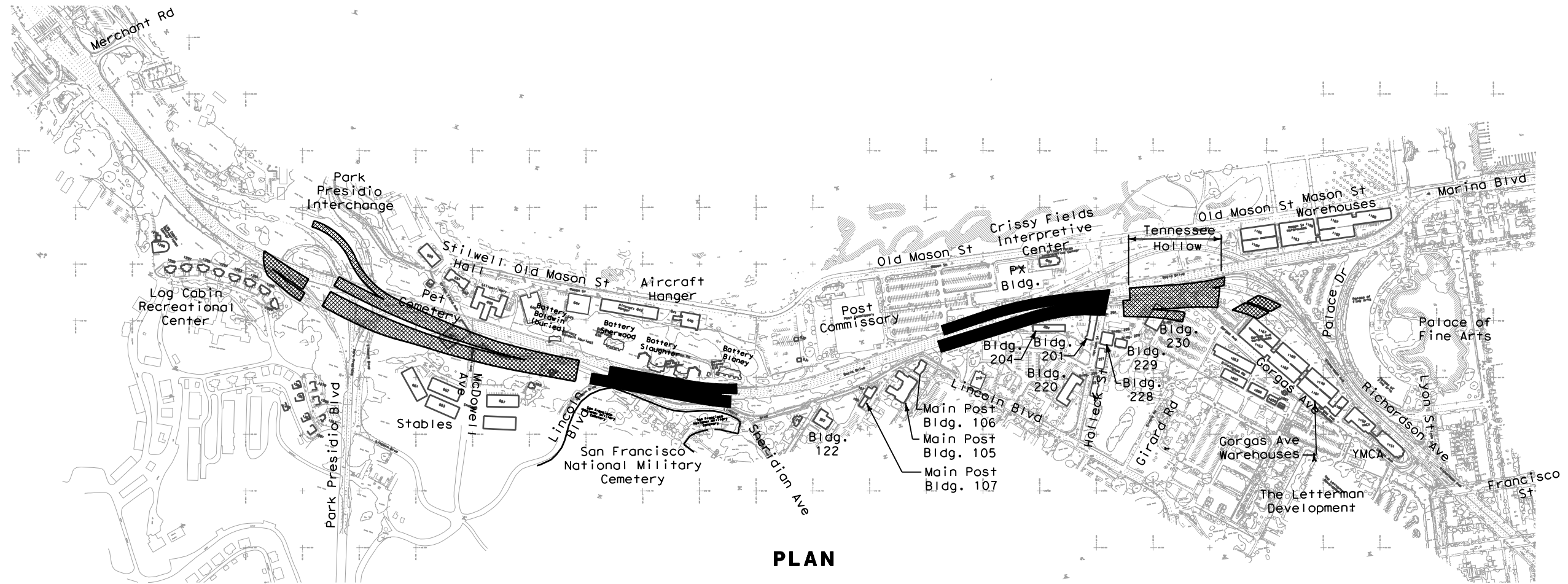


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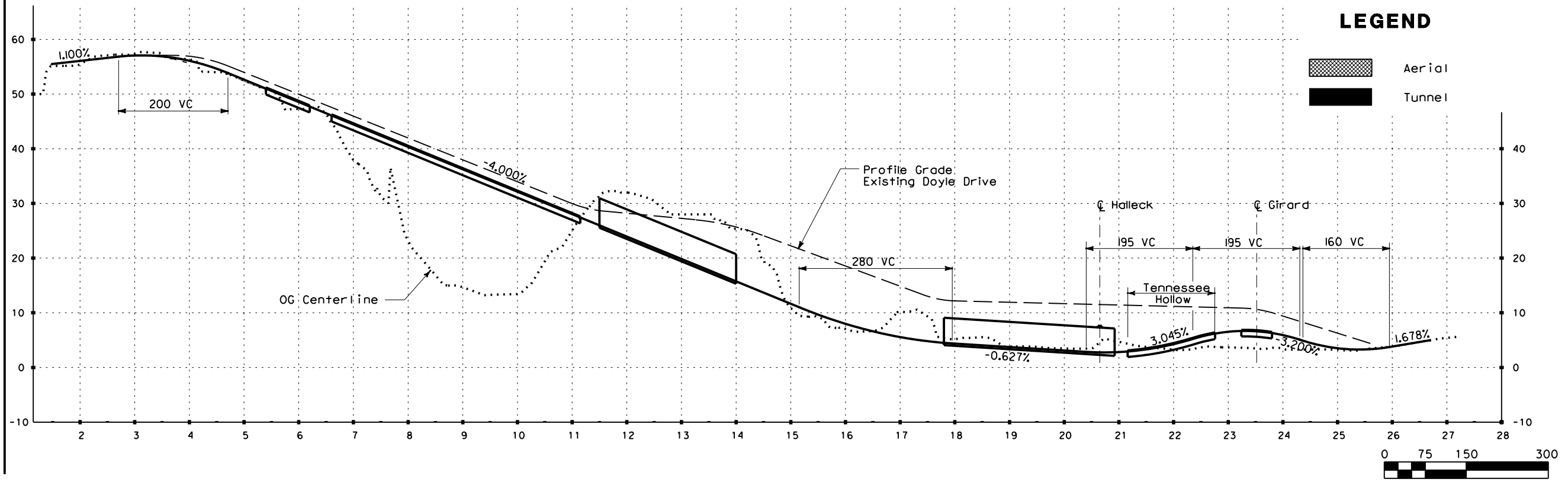


NOTE: REFER TO CUT SHEETS FOR ADDITIONAL ALTERNATIVE 5 OPTIONS

5. Presidio Parkway

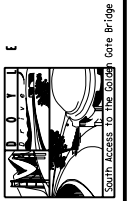


PLAN



LEGEND

-  Aerial
-  Tunnel



APPENDIX B

SHADE ANALYSIS FOR TENNESSEE HOLLOW

The NPS and the Trust plan to restore the Tennessee Hollow creek system and its associated riparian corridor to its natural state, as discussed in the 1994 General Management Plan Amendment (GMPA) and the PTMP. The Trust is preparing the Tennessee Hollow Watershed Project Environmental Assessment. The project features a range of alternatives each with an emphasis on restoring the Tennessee Hollow creek system. The Trust and NPS completed the Crissy Marsh Technical Study, which examined the health and function of the marsh. The Trust and NPS will evaluate a full range of alternatives for the long-term health and viability of the marsh, including the area of Tennessee Hollow within the Doyle Drive corridor. Proposed vegetation within the Doyle Drive corridor would include brackish marsh species, such as willows, sedges, rushes and other flowering herbaceous wetland species. The following evaluates shade and wildlife corridor constraints on the future restored Tennessee Hollow creek system.

Shade Constraints

For a bridge, a full shadow that is cast is determined by the horizontal width of the bridge, and by its height. For split or multiple bridges, the combined horizontal width of the aerial elements determines the full shadow that is cast. The extent of potential shading effects of the No-Build Alternative and the build alternatives on a future restored Tennessee Hollow would vary due to the design aspects of each alternative. Currently, within the future restored Tennessee Hollow study corridor,¹⁹ Doyle Drive consists of a main bridge and two ramps (eastbound and westbound). As identified in Table B-1, the total aerial road area is 0.394 hectares (0.926 acres) under the No-Build Alternative.

As with the No-Build Alternative, within the future restored Tennessee Hollow study corridor, the Replace and Widen Alternative would also consist of a viaduct and two ramps, and follow a similar alignment. However, the Replace and Widen Alternative would replace the extant viaduct in the Tennessee Hollow area with wider structures that meet the most current seismic and structural design, for a total aerial road area of 0.466 hectares (1.151 acres) under the Detour option, and 0.484 hectares (1.196 acres) under the No Detour option. The Retrofit and Widen Alternative would cast approximately 18 percent and 22 percent (for the Detour and No Detour options, respectively) more full shade on a future restored Tennessee Hollow than the No-Build Alternative.

¹⁹ For purpose of the comparisons, and based on the positions of tunnels and at-grade construction for some of the alternatives, the corridor is calculated to extend from design Stations 22 to 23 (100 meters). The height of the roadway structure above the projected water level in the restored Tennessee Hollow would range from roughly 6 meters for the Parkway Alternative to about 9 meters for the highest of the other Build Alternatives.

**TABLE B-1
SHADE CONSTRAINTS, BY ALTERNATIVE, WITHIN THE
FUTURE RESTORED TENNESSEE HOLLOW STUDY CORRIDOR**

Alternative	Average Total Aerial Road Width within Restored Tennessee Hollow Corridor (meters [feet])	Total Aerial Road Area within the Restored Corridor (hectares [acres])	Percentage of Change in Shade from No-Build Conditions
No-Build Alternative	39.4 (129.3)	0.394 (0.926)	--
Replace and Widen Alternative, Detour	46.6 (152.9)	0.466 (1.151)	+18
Replace and Widen Alternative, No-Detour	48.4 (158.8)	0.484 (1.196)	+22
Presidio Parkway Alternative (no difference between Diamond and Circle Drive Options)	37.5 (123.0)	0.375 (0.926)	-5

Source: Parsons Brinckerhoff Quade & Douglas, 2004.

The effect of shade of the Presidio Parkway Alternative is the same for the Diamond and Circle Drive options. The Presidio Parkway Alternative (including the Diamond and Circle Drive options), which also replaces the extant viaduct, is 0.375 hectares (0.926 acres) in aerial extent. The Presidio Parkway Alternative would cast 5 percent less full shade than the No-Build Alternative.

This analysis of aerial extent, however, is a metric that is restricted solely to width, and the effects of shade are more complex, as described below and in the Technical Memorandum included.

This NES approached the more detailed analysis of shade (and its impact) for Doyle drive in three ways: an estimate of shade itself under the different alternatives (see Technical Memorandum); examining viaducts and bridges in the Bay Area; and incorporating the results of a recently available Master’s Thesis (SanClements, 2003), which is one of the few to conduct controlled field observations in an analogous context.

Shade Analysis

Some plants have the ability to survive in various light environments, while other plants only favor sun or shade environments. Riparian and estuarine species typically fall in both of these categories, usually based on photosynthesis pathways. Theoretically and empirically, the distinction is clear, but as a practical matter quantifying effects of shade on any individual species is poorly understood due to the interaction of multiple factors in nature. For example, Callaway (1992) determined that shade was critical to the survival of blue oak (*Quercus douglasii*) seedlings, but that at least one other factor (acorn predation) was reduced by shade and protection from herbivores may have been as important as shade tolerance.

The path of a shadow is the opposite of the path of the sun. The sun rises in the east and sets in the west. Shadows cast in the morning will fall to the west. At solar noon, when the sun is the highest overhead to the south, shadows will fall to the north. Shadows cast in the evening will fall to the east. During the course of the year, the arc of the sun through the sky is at its highest point during the summer solstice, providing the greatest amount of sunlight. At its lowest point at the winter solstice, the sun provides the least amount of sunlight. As a result, noontime shadows are shortest around June 21st and longest around December 21st.

Due to the obvious complexity of the physical phenomenon of moving shade and the equal complexity of plant interaction, we chose to standardize the comparison using the size of the shadow at summer solstice. The summer solstice was chosen because in the one study conducted to assess effect (SanClements [2003], see below), the researcher did not establish any difference in plant/shadow reaction beyond the shadow zone of full sunlight in midsummer. The roadway width plus the sun angle adds to 0.4 meters to the width of the shadow on the ground, a small enough amount to allow comparisons using the “total aerial road area within the restored corridor” from Table B-1.

Viaducts and Bridges in the Bay Area

The preparers of this NES examined three highway bridges in the San Francisco Bay area, ranging from 4.6 to 9.1 meters (15 to 30 feet) high and 6.1 to 30.5 meters (20 to 100) feet wide, and spanning tidal, brackish and freshwater areas in a variety of azimuths. Where vegetation was homogenous, composition was estimated a distance of 15.2 meters (50 feet); when more than two or three species were present, line transects 7.6 – 15.2 meters (25-50 feet) in length were walked with observations of dominant plants at points placed 1.5 meters (5 feet) apart.

Bridges in the sample less than about 6.1 meters (20 feet) high created a zone of bare ground directly below the center; higher bridges had nearly continuous but sparse vegetation. There was no measurable effect of shade in species composition on either side of any of the bridges, and little difference in observable plant vigor. A summary of bridge and viaduct characteristics, as well as habitat type and transect results is given in Table B-2.

New Relevant Research

SanClements (2003) studied the effects of shading by bridges on estuarine wetlands. The study was designed to address the lack of information on this topic, with particular attention to environmental analysis that helps to quantify impacts and develop reasonable mitigation ratios for impact. Although performed in North Carolina, the structures examined were similar to those proposed at Doyle Drive and had the same range of brackish wetlands that might be expected in a restoration planting in this area. The species used in the thesis was principally *Spartina*, a different species from the one planted at Crissy Marsh (and observed at Damon Slough and Lake Merritt Creek, presented in Table B-2) but with the same ecological requirements. SanClements considered *Spartina* as likely to suffer from decreased solar radiation. He measured photosynthetically available light, soil nitrogen and attributes of plant vigor such as numbers of flowers and stems. The key factor derived to explain the observed effects of the bridges was Height:Width ratio (HW). The study found that HWs less than 0.5 had a strong effect immediately under the bridge, decreasing to “no effect” around 0.7.

Results and Conclusions – Effects of Shade In Tennessee Hollow Corridor

Using SanClements approach, the existing structures have an average HW of 0.57; the viaduct over Tennessee Hollow (Replace and Widen Alternative) has an average HW of 0.37 and 0.34 for the detour and no-detour options, respectively; and the causeway (Presidio Parkway Alternative) has an average HW of 0.02 (see Table B-3). By this standard both the no build and build alternatives could have a adverse effect on restoration that attempts to restore shade-intolerant plants.

The literature on shade effects in wetland communities is limited. The direct observations made for this report suggest that shade effects are restricted to the area immediately under the structure. SanClements' work demonstrates that in this shade footprint for the Replace and Widen Alternative the plant palette for restoration would be restricted to shade tolerant plants, in an area 0.090 hectares (0.222 acre) and 0.072 hectares (0.178 acre) (No Detour and Detour options respectively) greater than current shade conditions under the No-Build Alternative. This does not eliminate wetland or estuarine plants, entirely, of course: for example slough sedge (*Carex obnupta*) planted at Crissy Marsh is considered shade-tolerant (<http://pnw.sws.org/forum/BasRestGuideHabitatWksh.PDF>).

Both the extremely low average HW for Presidio Parkway Alternative and our observations at Bay Area bridges suggest that no vegetation could establish under the causeway, a net reduction of 0.375 hectares (0.926 acres) for restoration at Tennessee Hollow (see Table B-3). It is worth noting, however, that the causeway is low to the ground and the effect of its shadow would rapidly attenuate.

**TABLE B-2
SUMMARY OF BRIDGE AND VIADUCT SURVEY RESULTS**

Location	Bridge height (meters)	Bridge orientation	Habitat type	Comments	Transect Results									
					Point #1	Point #2	Point #3	Point #4	Point #5	Point #6	Point #7	Point #8	Point #9	Point #10
I-880 at Lake Merrit Outlet-Oakland	6.1	NW-SE	Brackish marsh	Transect on eastern side of bridge, western side had basically same vegetation with addition of <i>Spartina foliosa</i> and <i>Limonium californicum</i>	<i>Salicornia virginica</i> , <i>Grindelia stricta</i>	<i>Atriplex</i> sp., <i>Plantago</i> sp.	<i>Grindelia stricta</i>	<i>Jaumea carnosa</i>	<i>Plantago</i> sp., <i>Grindelia stricta</i>	<i>Lolium multiflorum</i>	<i>Plantago</i> sp.	<i>Frankenia salina</i>	<i>Jaumea carnosa</i>	<i>Grindelia stricta</i>
I-880 at Damon Slough-Oakland	4.6	NW-SE	Salt marsh	Vegetation homogenous in composition and height throughout transect. Small, scattered <i>Salicornia</i> plants present under bridge from its edge to a distance of 1.5 meters.	<i>Spartina alterniflora</i> , <i>Salicornia virginica</i>	<i>Spartina alterniflora</i> <i>Salicornia virginica</i>	<i>Spartina alterniflora</i> <i>Salicornia virginica</i>	<i>Spartina alterniflora</i> <i>Salicornia virginica</i>	<i>Spartina alterniflora</i> , <i>Salicornia virginica</i>	<i>Spartina alterniflora</i> , <i>Salicornia virginica</i>	<i>Spartina alterniflora</i> , <i>Salicornia virginica</i>	<i>Spartina alterniflora</i> , <i>Salicornia virginica</i>	<i>Spartina alterniflora</i> , <i>Salicornia virginica</i>	<i>Spartina alterniflora</i> , <i>Salicornia virginica</i>
Alvarado Blvd at flood control channel-Fremont	7.6	WNW-ESE	Fresh-water marsh	Vegetation under the bridge consisted of scattered <i>Rumex</i> sp., <i>Artemisia douglasiana</i> , and <i>Bromus</i> sp., which diminished towards the center of the bridge but had no discernible break.	<i>Scirpus</i> sp., <i>Artemisia douglasiana</i> , <i>Solidago californica</i>	<i>Solidago californica</i> , <i>Agrostis</i> sp., <i>Cynodon dactylon</i>	<i>Lotus corniculatus</i> , <i>Agrostis</i> sp.	<i>Bromus</i> sp.	<i>Agrostis</i> sp.	<i>Typha latifolia</i> , <i>Polygonum</i> sp.	<i>Scirpus</i> sp., <i>Polygonum</i> sp.	No data collected	No data collected	No data collected

Source: Environmental Science Associates, 2004

**TABLE B-3
SUMMARY OF SHADE EFFECTS OF THE NO-BUILD AND BUILD ALTERNATIVES USING
HEIGHT/WIDTH RATIOS**

Alternative	Height/Width Ratio	Change in Shade Conditions From No-Build (hectares [acres])	Recommended Plant Type
No-Build	0.57	--	shade-tolerant
Replace and Widen Alternative, No-Detour	0.34	+0.090 (0.222)	shade-tolerant
Replace and Widen Alternative, Detour	0.37	+ 0.072 (0.178)	shade-tolerant
Presidio Parkway Alternative (no difference between Diamond and Circle Drive Options)	0.02	+ 0.375 (0.926)	no vegetation

Source: Environmental Science Associates, 2004 based on data provided by Parsons Brinckerhoff Quade & Douglas, 2004.

Wildlife Corridor Constraints at Tennessee Hollow

The viaduct or causeway also comprises a potential impediment to wildlife using the restored Tennessee Hollow area for movement to and from Crissy Marsh.²⁰ The area under the viaduct will be shaded, as discussed above, and will have a vegetation structure that is expected to support low-growing plants and be less complex than the rest of the corridor. It is useful to consider this constraint as similar to a wildlife crossing structure, deliberately placed under a highway as mitigation. Such structures are arguably much less of a problem for wildlife than crossing a busy highway, but present their own challenges.

Size, substrate²¹, and noise are the components most likely to affect wildlife use. The size of the viaduct under the Retrofit and Widen Alternative, however, is not likely to be limiting. Even for large mammals, the effect of the size of the underpass decreases as the passage becomes larger; in one study of mule deer (Reed, 1981) the diminished effect was observable at an underpass 4 X 18 X 14 m (Height X Width X Length), and the dimensions of the roadway structure for the Parkway Alternative are roughly 6 X 100 X 38 m (using Reed’s terminology). Light does not seem to be a factor as long as the end of the passage is visible (Foster and Humphrey, 1995).

For most terrestrial animals that might use the Tennessee Hollow corridor, elements such as logs and rocks could compensate for the shade-reduced vegetation (Mansergh and Scotts, 1989).

Beier (1995) recommended reducing noise in an underpass to below 60 db. From this perspective, any modification of the viaduct to increase natural lighting – and hence noise – might offset any benefits of such a project design element (grating, for example) intended to reduce the effects of shade discussed above.

Assuming that the corridor design might include logs and rocks, and that the viaduct is constructed to be as quiet as possible, this NES concludes that neither build alternative would constrain the use of the Tennessee Hollow area as a wildlife corridor for terrestrial wildlife, although some birds would be unlikely to pass

²⁰ The barrier to movement presented by Mason Street is not part of this analysis.

²¹ “Substrate” refers to the living and non-living components covering mineral soil.

through.²² Evaluating the potential use for each species likely to be present is not possible. Given the state of knowledge of this topic, species-by-species conclusions would be speculative.

²² The build alternatives would, however, be inconsistent with the management designation for Tennessee Hollow under the Presidio Trust Management Plan (Presidio Trust, 2002).

TECHNICAL MEMORANDUM

TO • 204235 Files - Doyle Drive

FROM • Chuck Bennett

DATE • July 30, 2004

SUBJECT • Evaluation of shade effects for the *Doyle Drive Natural Environmental Study*

BACKGROUND

The natural ambient lighting that is available to plants and animals in the Tennessee Hollow area includes direct and scattered sunlight. Direct sunlight provides most of the light available, while sunlight that has been scattered in the atmosphere and reflected from the ground and waters of the Bay provides a portion of the available light. The presence of physical structures can strongly reduce the light available to plants by casting shadows – interrupting the direct sunlight that would otherwise be available. The extent to which a structure shadows any specific point on the ground depends upon the physical shape and dimensions of that structure and its distance from that specific point, as well as the geometric relationship of the structure and point with respect to the path of the sun in the sky.

The daily path of the sun across the sky is an arc that curves from east to west. The path of the shadows the sun casts on the ground is counter to the path of the sun in the sky. The sun rises in the east and sets in the west, while the shadows cast by the sun will fall to the west in the morning and will fall to the east in the afternoon. At solar noon, when the sun is due south and at its highest point overhead, shadows will fall to the north. During the course of the year, the arc of the sun through the sky is at its highest point during the summer solstice and at its lowest point at the winter solstice. As a result, noontime shadows are shortest around June 21st and longest around December 21st. On any given day, shadows are longest in the early morning and in the late evening when the sun is closest to the horizon.

The two objectives of this analysis are: 1) to provide basic information that will aid the determination of whether or not the project actions would have an adverse environmental effect on the vegetation that is anticipated to be a part of the Tennessee Hollow natural area restoration that is proposed as a part of the project; and, 2) to provide basic information about the extent and variation of shadow conditions in the Tennessee Hollow subarea due to the project alternatives.

IMPACTS AND MITIGATION

Methodology

The methodology of the shadow analysis of the Tennessee Hollow subarea begins with a topographic model of the vicinity and a simple structure model of the project alternatives. The next step is to calculate and depict the shadows that would be cast by each road segment within the boundaries of the Tennessee Hollow subarea. The shadow casting relies on accurate calculations of solar position for each day and time of interest. The method assumes that the area to be shadowed is flat; given the marsh use intended, this assumption introduces essentially no error. Since design of the structures is not complete, insufficient

information was available to determine support column design, numbers and locations; because the shadows cast by all support structures would necessarily fall under or within the region shadowed by the roadway, no error is introduced. The thickness of the roadway structure was assumed to be the same as the existing structures and was accounted for in the projections of the shadows from each alternative. The shadow outlines were projected onto the alternatives' plans to illustrate the extent of shadow for each alternative.

The areas of shadow and structure coverage that were used to assess the biological effect were calculated using roadway widths and segment lengths measured from project alternatives' plans. Overall, those area estimates should be accurate to within roughly $\pm 5\%$.

Shadow Impacts

As described in the Project Description, each of the project alternatives would result in various elevated roadway structures that would span the waterway centrally located within Tennessee Hollow. The height of the roadway structure above the projected water level would range from roughly 6 meters for the Parkway Alternative to about 9 meters for the highest of the other Build or No-Build Alternatives.

Shadow from the proposed road structures would generally extend to the west and northwest of the site in the morning, to the north at noon, and to the northeast and east in the afternoon. Mid-day shadows would be longer in the winter months, with the longest noontime shadow occurring on the winter solstice, December 21st. Mid-day shadows would be shorter in the summer months, with the shortest noontime shadow occurring on the summer solstice, June 21st. Lengths of the noontime shadow at the Tennessee Hollow waterway from the tallest of the roadway alternative structures would range from about 33 m on the winter solstice to less than 4 m on the summer solstice.

The following text describes aspects of project shadow conditions for each season:

Winter Solstice. On the winter solstice at 9 AM (mid-morning), shadow from the highest structure of Alternative 2: Replace and Widen would reach nearly 33 m northwest of the base of the structure. During the morning, shadows would shorten and move to the east-southeast. At noontime, that shadow would reach, at most, nearly 16 m to the north of the structure. During the afternoon, the shadows would lengthen again and move to the east-northeast. In mid-afternoon (3 PM), that shadow would reach, at most, about 28 m to the northeast of the base of the structure.

Shadows for the Alternative 1: No Build would reach corresponding distances of 26 m, 12 m and 23 m, respectively, and shadows for the Alternative 5: Presidio Parkway would reach corresponding distances of 23 m, 11 m and 20 m.

The Equinoxes. On the equinoxes, the first day of spring and the first day of fall, mid-morning shadow from the highest structure of Alternative 2: Replace and Widen would reach nearly 19 m west-northwest of the base of the structures. During the morning, the shadows would shorten and move eastward. At noontime, shadow would reach nearly 7 m north of the structure. During the afternoon, the shadows would lengthen again and continue to move eastward. In mid-afternoon, the shadow would reach up to 11 m northeast of the structure.

The shadows for the Alternative 1: No Build would reach corresponding distances of 15 m, 6 m and 9 m, respectively, and shadows for the Alternative 5: Presidio Parkway would reach corresponding distances of 14 m, 5 m and 8 m.

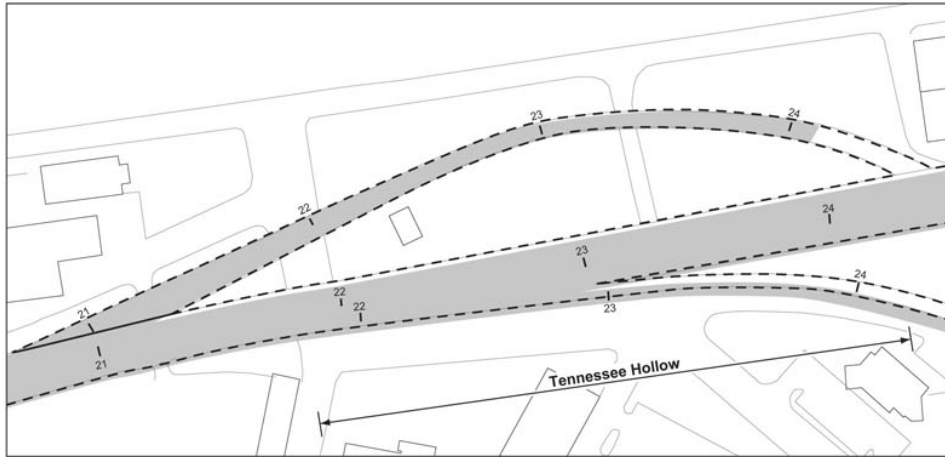
Summer Solstice. On the summer solstice at 9 AM (mid-morning), shadow from the highest structure of Alternative 2: Replace and Widen would reach about 12 m west of the base of the structure. During the morning, shadows would shorten and move to the east-northeast. At noontime, that shadow would reach, at most, about 3 m to the northwest of the structure. During the afternoon, the shadows would lengthen again and move to the east-northeast. In mid-afternoon (3 PM), that shadow would reach, at most, less than 5 m to the east-northeast of the base of the structure.

Shadows for the Alternative 1 No Build would reach corresponding distances of 10 m, 3 m and 4 m, respectively, and shadows for the Alternative 5: Presidio Parkway would reach corresponding distances of 9 m, 3 m and 3 m.

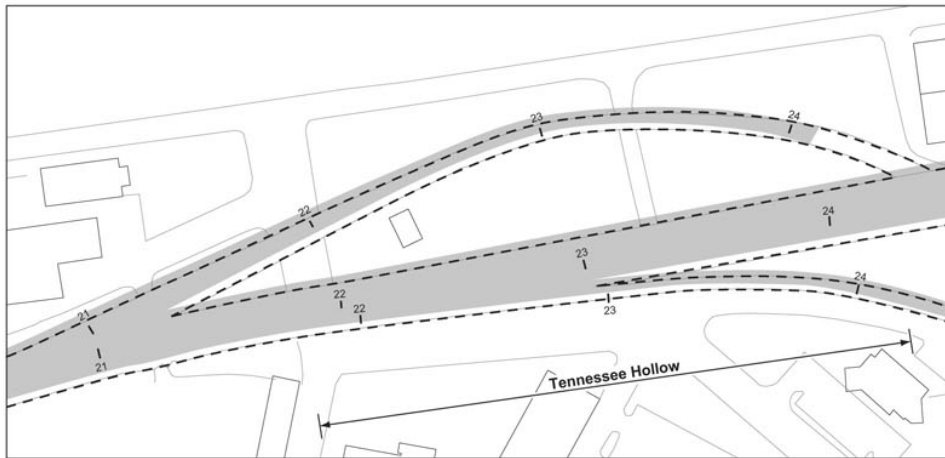
See Figures B-1 through B-8. As is evident, the extent of shadow is small, as is the range of variation of shadow conditions from the largest shadows of winter to the smallest shadows of summer. For that reason, the shadow conditions at the spring and fall equinoxes are not illustrated.

As the figures demonstrate, the quantity of shadow in the Tennessee Hollow subarea that results for Alternative: 1 No Build and Alternative 2: Replace and Widen are similar in size and in reach away from the structures, while the lower structures of the Alternative 5: Presidio Parkway result in less shadow because the roadway is partially on-grade and on lower structures. Thus, shadow from the Alternative 5: Presidio Parkway would cover less of the land area outside of the right-of-way than would the other Build and No-Build Alternatives.

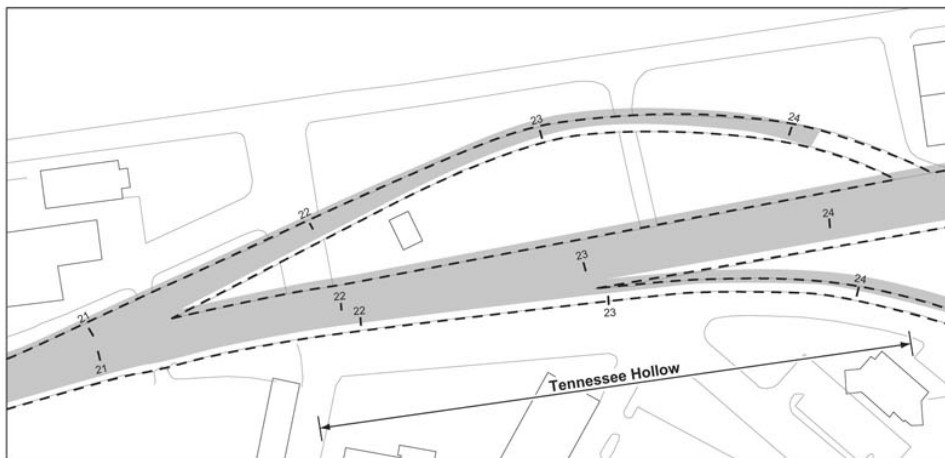
**FIGURE B-1
ALTERNATIVE 1: NO-BUILD
SHADOW STUDY, JUNE 21**



9 am

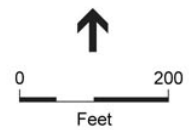


Noon



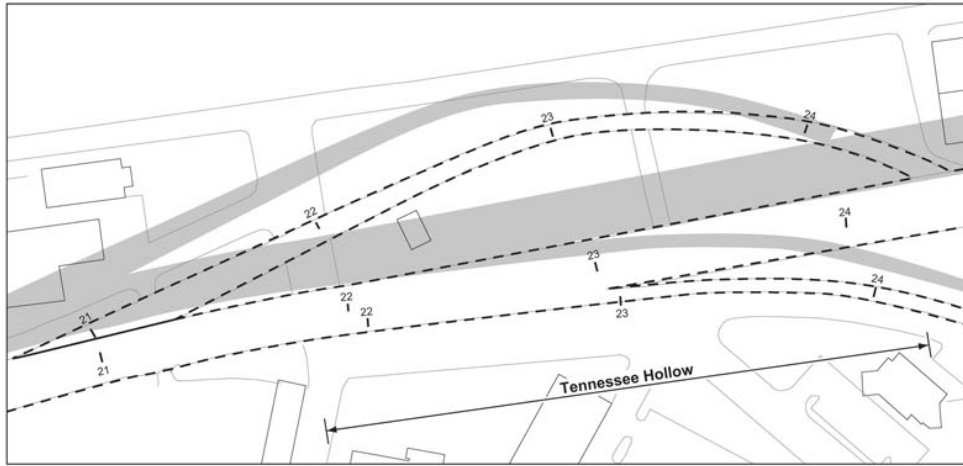
3 pm

--- Existing ■ Extent of shadow 22 Station Number

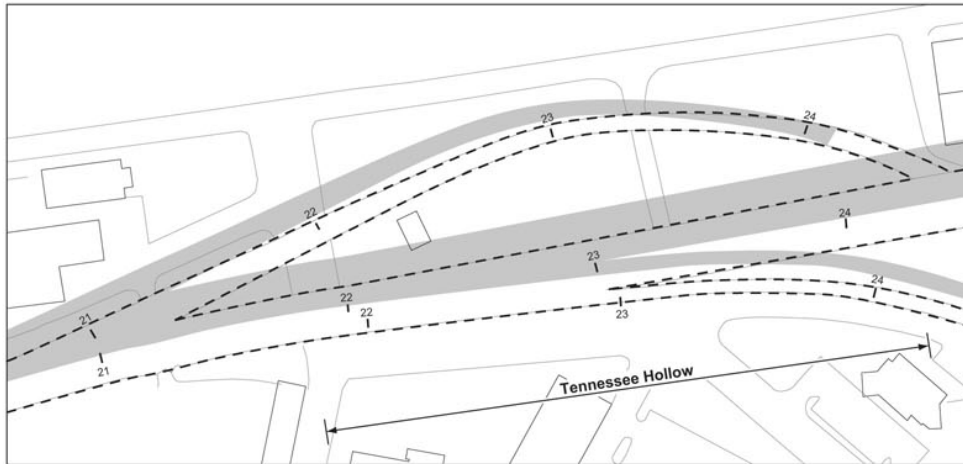


Source: Environmental Science Associates

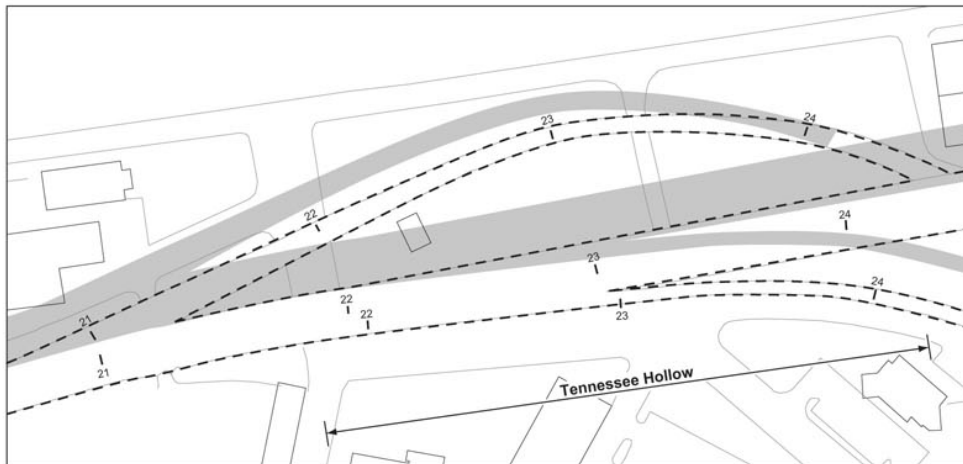
**FIGURE B-2
ALTERNATIVE 1: NO-BUILD
SHADOW STUDY, DECEMBER 21**



9 am

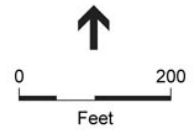


Noon



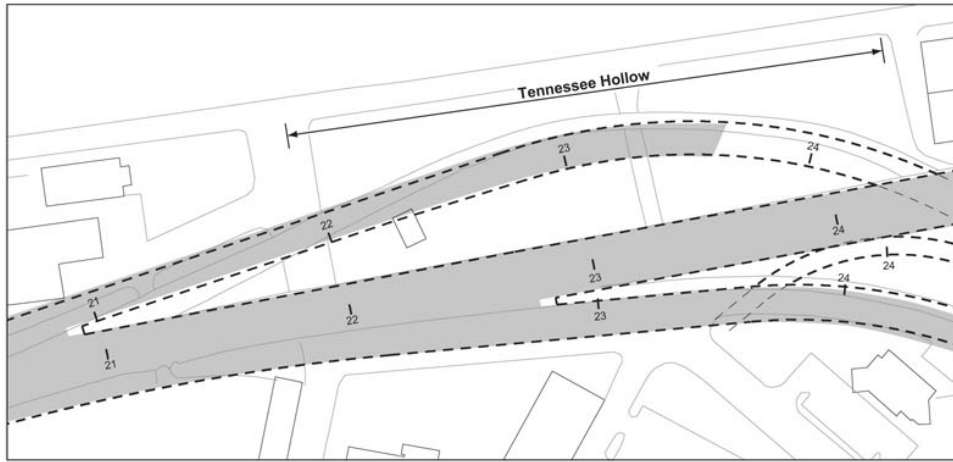
3 pm

--- Existing ■ Extent of shadow 22 Station Number

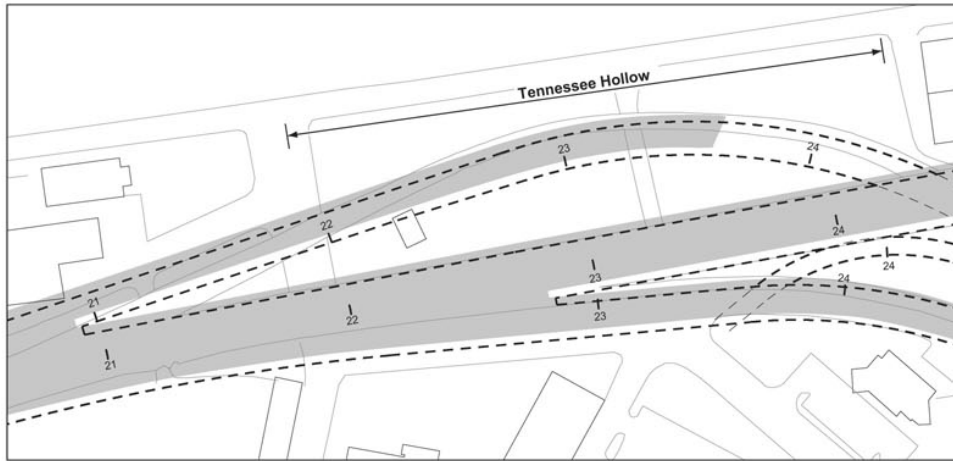


Source: Environmental Science Associates

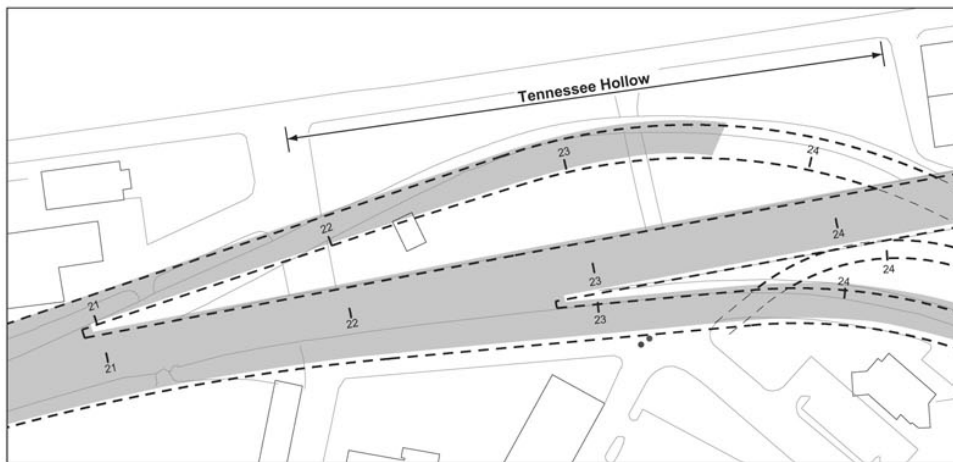
**FIGURE B-3
ALTERNATIVE 2: REPLACE AND WIDEN WITH DETOUR
SHADOW STUDY, JUNE 21**



9 am

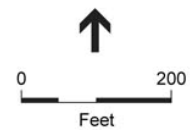


Noon



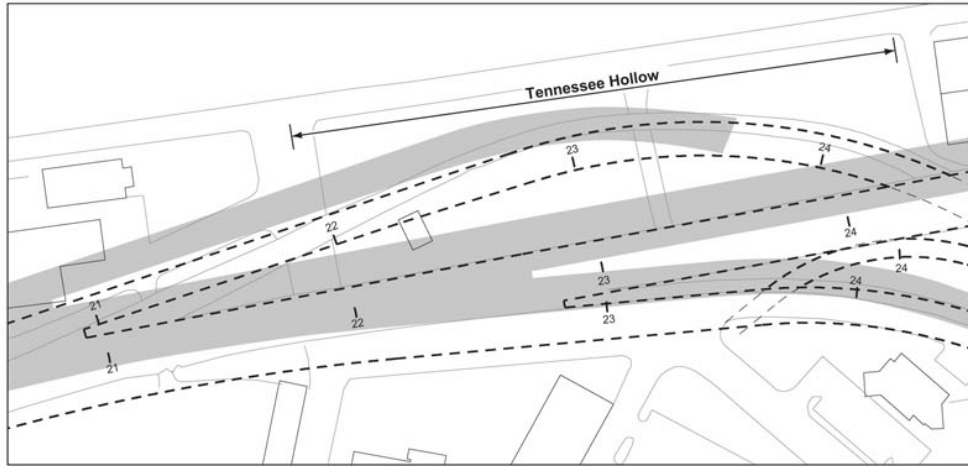
3 pm

--- Project ■ Extent of shadow 22 Station Number

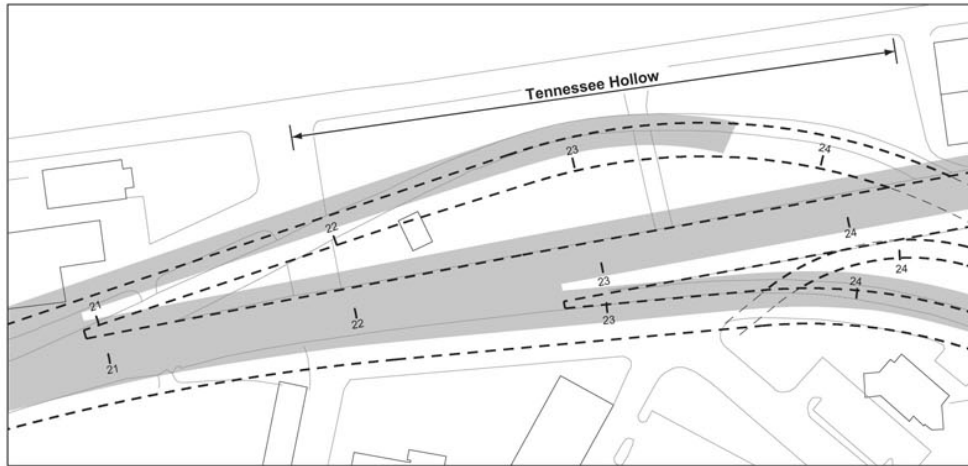


Source: Environmental Science Associates

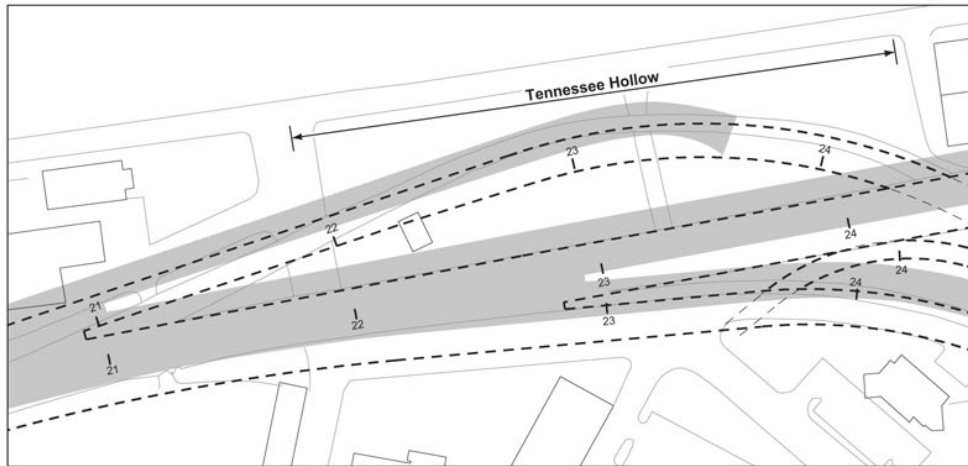
FIGURE B-4
ALTERNATIVE 2: REPLACE AND WIDEN WITH DETOUR
SHADOW STUDY, DECEMBER 21



9 am

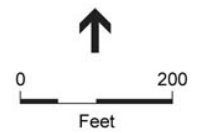


Noon



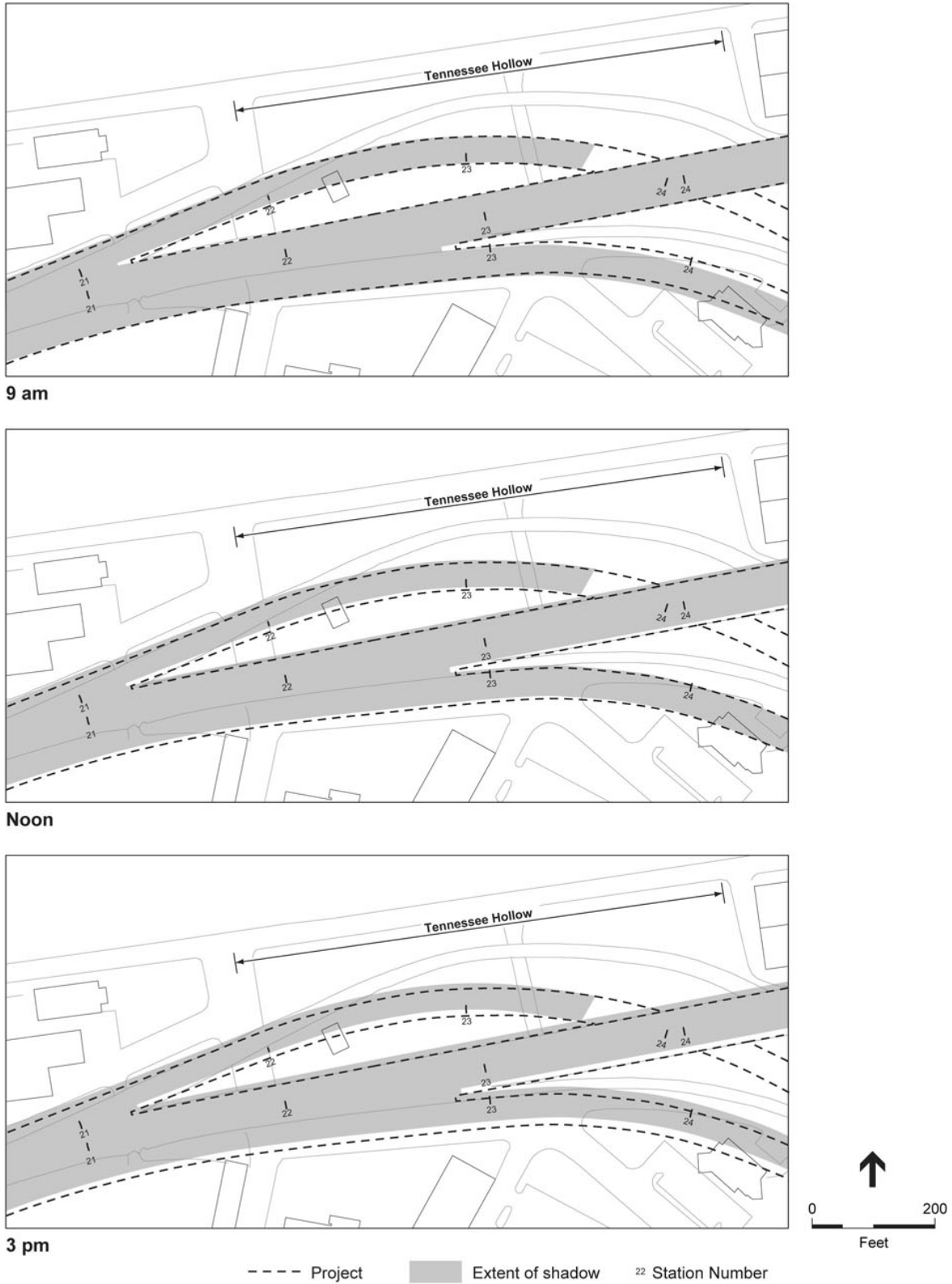
3 pm

--- Project ■ Extent of shadow 22 Station Number



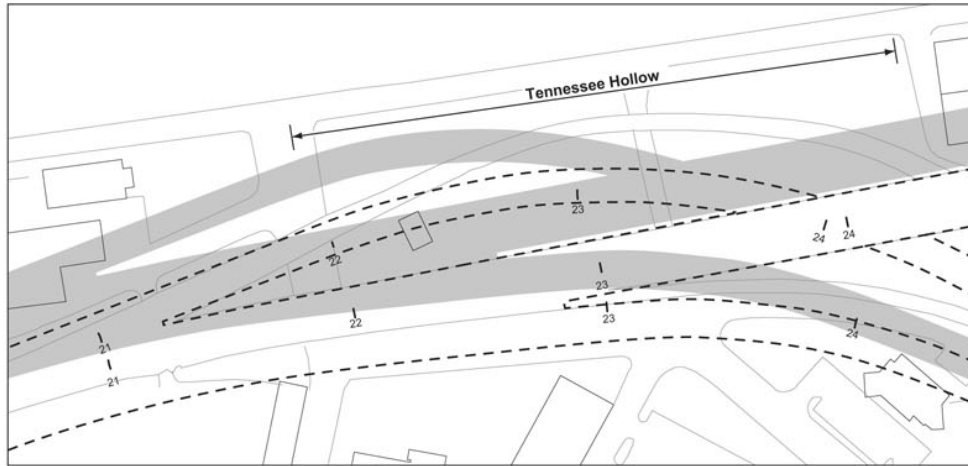
Source: Environmental Science Associates

FIGURE B-5
ALTERNATIVE 2: REPLACE AND WIDEN WITHOUT DETOUR
SHADOW STUDY, JUNE 21

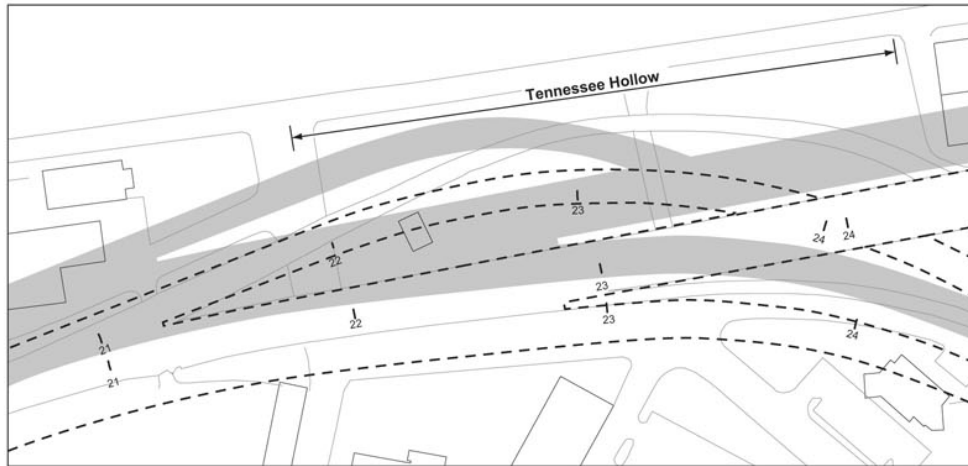


Source: Environmental Science Associates

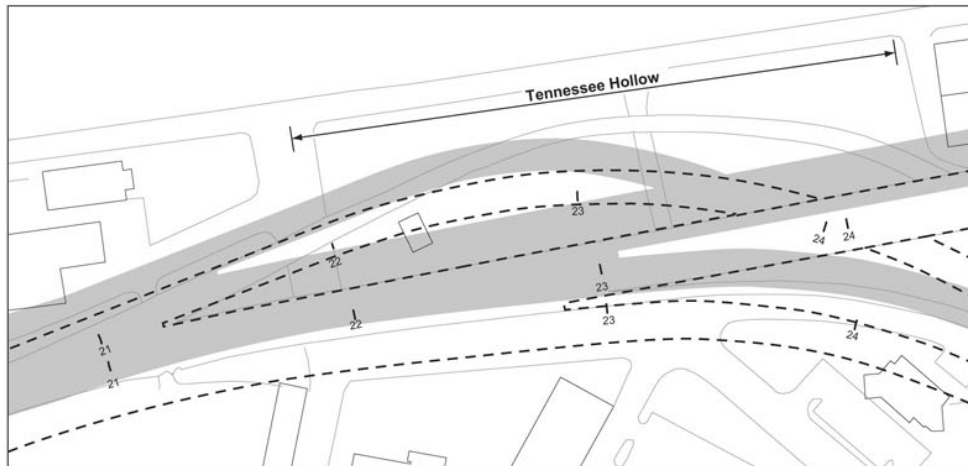
FIGURE B-6
ALTERNATIVE 2: REPLACE AND WIDEN WITHOUT DETOUR
SHADOW STUDY, DECEMBER 21



9 am

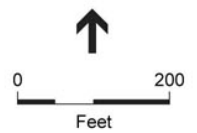


Noon



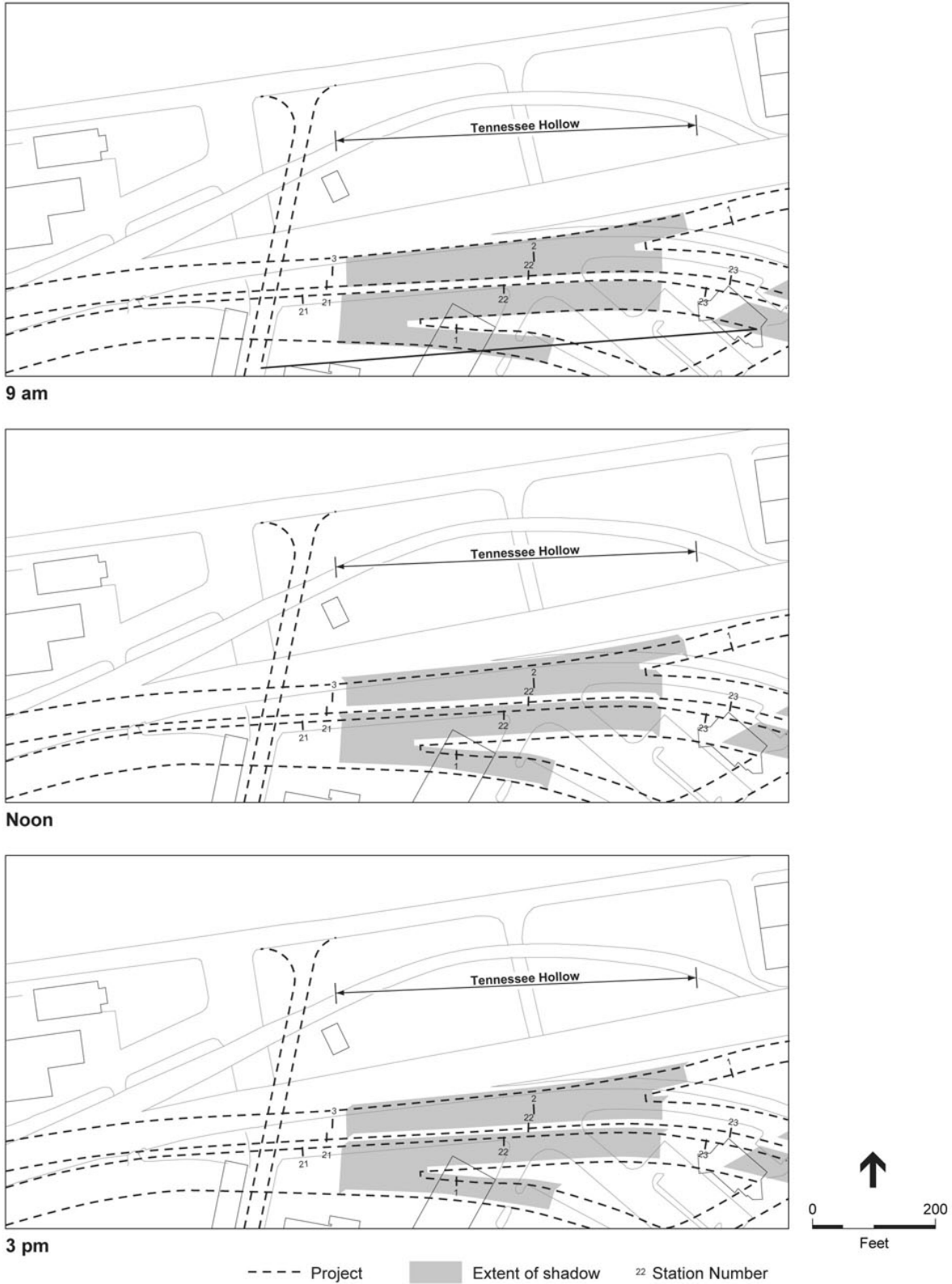
3 pm

--- Project ■ Extent of shadow 22 Station Number



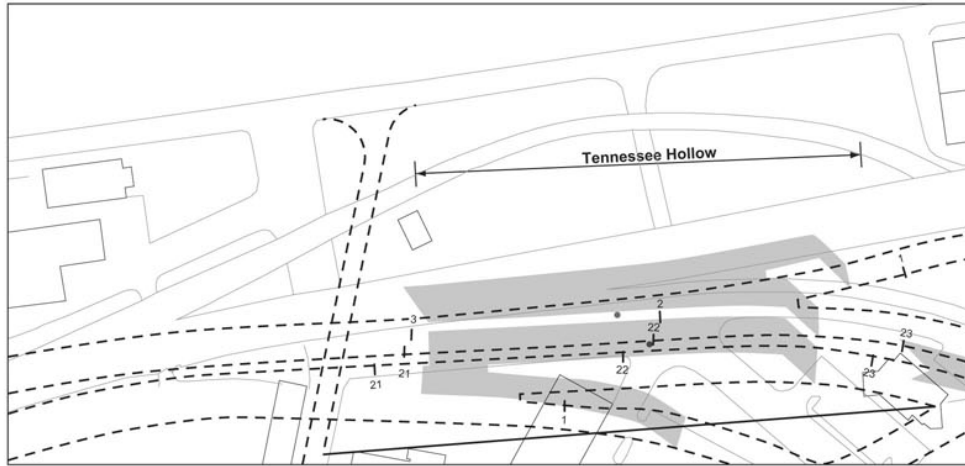
Source: Environmental Science Associates

**FIGURE B-7
ALTERNATIVE 5: PRESIDIO PARKWAY
SHADOW STUDY, JUNE 21**

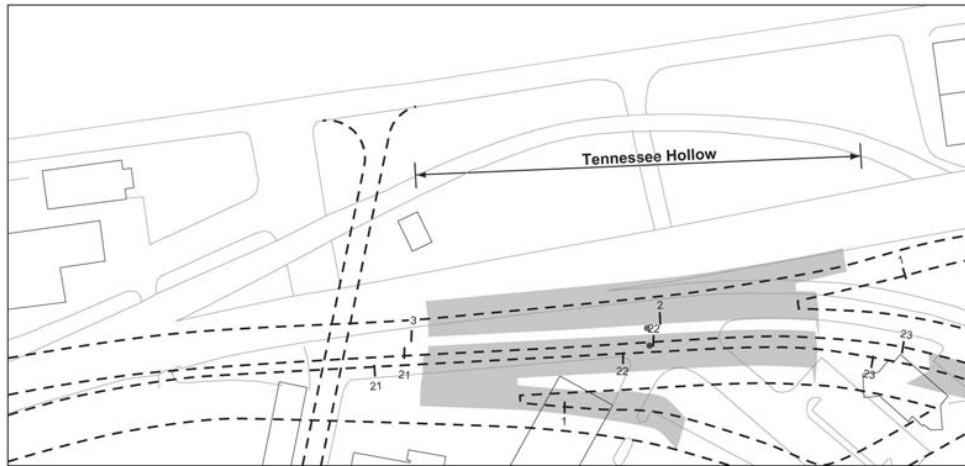


Source: Environmental Science Associates

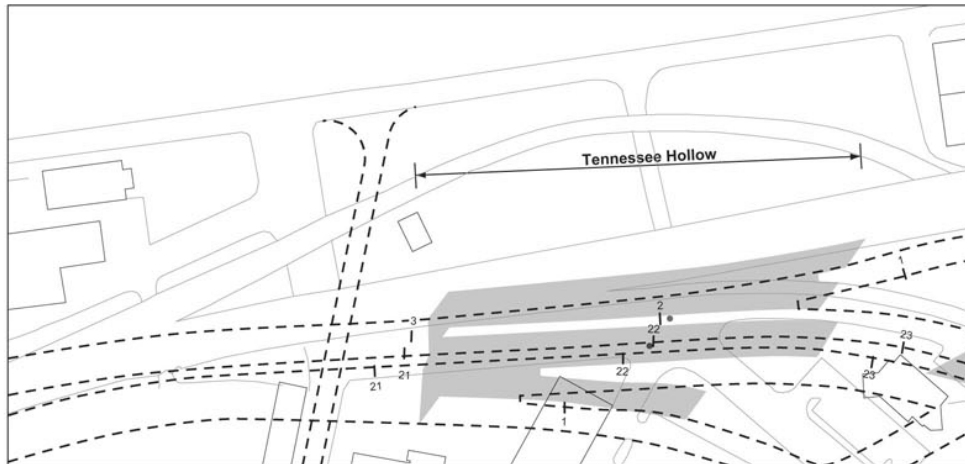
**FIGURE B-8
ALTERNATIVE 5: PRESIDIO PARKWAY
SHADOW STUDY, DECEMBER 21**



9 am

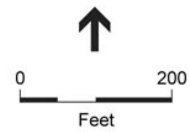


Noon



3 pm

--- Project ■ Extent of shadow 22 Station Number



Source: Environmental Science Associates

APPENDIX C

CALIFORNIA DEPARTMENT OF TRANSPORTATION RELOCATION ASSISTANCE PROGRAM

California Dept. of Transportation Relocation Assistance Program

RELOCATION ASSISTANCE ADVISORY SERVICES

- The California Department of Transportation (the Department) will provide relocation advisory assistance to any person, business, farm or non-profit organization displaced as a result of the Department's acquisition of real property for public use. The Department will assist residential displacees in obtaining comparable decent, safe and sanitary replacement housing by providing current and continuing information on sales price and rental rates of available housing. Non-residential displacees will receive information on comparable properties for lease or purchase.
- Residential replacement dwellings will be in equal or better neighborhoods, at prices within the financial means of the individuals and families displaced, and reasonably accessible to their places of employment. Before any displacement occurs, displacees will be offered comparable replacement dwellings that are open to all persons regardless of race, color, religion, sex or national origin, and are consistent with the requirements of Title VIII of the Civil Rights Act of 1968. This assistance will also include supplying information concerning federal and state assisted housing programs, and any other known services being offered by public and private agencies in the area.

RESIDENTIAL RELOCATION PAYMENTS PROGRAM

The Relocation Payment program will assist eligible residential occupants by paying certain costs and expenses. These costs are limited to those necessary for, or incidental to, purchasing or renting a replacement dwelling, and actual reasonable expenses incurred in moving to a new location within 80 kilometers (50 miles) of displacee's property. Any actual moving costs in excess of 80 kilometers (50 miles) are the responsibility of the displacee. The Residential Relocation Program can be summarized as follows:

Moving Costs

Any displaced person who was "lawfully" in occupancy of the acquired property regardless of the length of occupancy in the property acquired will be eligible for reimbursement of moving costs. Displacees will receive either the actual reasonable costs involved in moving themselves and personal property up to a maximum of 80 kilometers (50 miles), a moving service authorization, or a fixed payment based on a fixed moving cost schedule which is determined by the number of furnished or unfurnished rooms of the displacement dwelling.

Purchase Supplement

In addition to moving and related expenses payments, fully eligible homeowners may be entitled to payments for increased costs of purchasing replacement housing.

Homeowners who have owned and occupied their property for 180 days prior to the date of the first written offer to purchase the property, may qualify to receive a price differential payment equal to the difference between the Department's offer to purchase their property and the price of a comparable replacement dwelling, and may qualify to receive reimbursement for certain nonrecurring costs incidental to the purchase of the replacement property. An interest differential payment is also available if the interest rate for the loan on the replacement dwelling is higher than the loan rate on the displacement dwelling, subject to certain limitations on reimbursement based upon the replacement property interest rate. Also the interest differential must be based upon the "lesser of" either the loan on the displacement property or the loan on the replacement property. The maximum combination of these three supplemental payments that the owner-occupants can receive is \$22,500. If the calculated total entitlement (without the moving payments) is in excess of \$22,500, the displacee may qualify for the Last Resort Housing described below.

Rental Supplement

Tenants who have occupied the property to be acquired by the Department for 90 days or more and owner-occupants who have occupied the property 90 to 180 days prior to the date of the first written offer to purchase may qualify to receive a rental differential payment. This payment is made when the Department

determines that the cost to rent a comparable and "decent, safe and sanitary" replacement dwelling will be more than the present rent of the displacement dwelling. As an alternative, the eligible occupant may qualify for a down payment benefit designed to assist in the purchase of a replacement property and the payment of certain costs incidental to the purchase, subject to certain limitation noted below under the "Down Payment" section (see below). The maximum amount of payment to any tenant of 90 days or more and any owner-occupant of 90 to 179 days, in addition to moving expenses, will be \$5,250. If the calculated total entitlement for rental supplement exceeds \$5,250, the displacee may qualify for the Last Resort Housing Program described below.

The rental supplement of \$7,500 or less will be paid in a lump sum, unless the displacee requests that it be paid in installments. The displaced person must rent and occupy a "decent, safe and sanitary" replacement dwelling within one year from the date the Department takes legal possession of the property, or from the date the displacee vacates the Department-acquired property, whichever is later.

Down Payment

Displacees eligible to receive a rental differential payment may elect to apply it to a down payment for the purchase of a comparable replacement dwelling. The down payment and incidental expenses cannot exceed the maximum payment of \$5,250, unless the Last Resort Housing Program is indicated. The one-year eligibility period in which to purchase and occupy a "decent, safe and sanitary" replacement dwelling will apply.

Last Resort Housing

Federal regulations (49 CFR 24.404) contain the policy and procedure for implementing the Last Resort Housing Program on federal aid projects. In order to maintain uniformity in the program, the Department has also adopted these federal guidelines on non-federal-aid projects. Except for the amounts of payments and the methods in making them, last resort housing benefits are the same as those benefits for standard relocation as explained above. Last resort housing has been designed primarily to cover situations where available comparable replacement housing, or when their anticipated replacement housing payments, exceed the \$2,520 and \$22,500 limits of the standard relocation procedures. In certain exceptional situations, last resort housing may also be used for tenants of less than 90 days.

After the first written offer to acquire the property has been made, the Department will, within a reasonable length of time, personally contact the displacees to gather important information relating to:

- Preferences in area of relocation.
- Number of people to be displaced and the distribution of adults and children according to age and sex.
- Location of school and employment.
- Special arrangements to accommodate any handicapped member of the family.
- Financial ability to relocate into comparable replacement dwelling, which will house all members of the family decently.

The above explanation is general in nature and is not intended to be a complete explanation of relocation regulations. Any questions concerning relocation should be addressed to the Department. Any persons to be displaced will be assigned a relocation advisor who will work closely with each displacee in order to see that all payments and benefits are fully utilized, and that all regulations are observed, thereby avoiding the possibility of displacees jeopardizing or forfeiting any of their benefits or payments.

THE BUSINESS AND FARM RELOCATION ASSISTANCE PROGRAM

The Business and Farm Relocation Assistance Program provides aid in locating suitable replacement property for the displacee's farm or business, including, when requested, a current list of properties offered for sale or rent. In addition, certain types of payments are available to businesses, farms, and non-profit organizations. These payments may be summarized as follows:

- Reimbursement for the actual direct loss of tangible personal property incurred as a result of moving or discontinuing the business in an amount not greater than the reasonable cost of relocating the property.

- Reimbursement up to \$1,000 of actual reasonable expenses in searching for a new business site.
- Reimbursement up to \$10,000 of actual reasonable expenses related to the reestablishment of the business at the new location
- Reimbursement of the actual reasonable cost of moving inventory, machinery, office equipment and similar business-related personal property, including dismantling, disconnecting, crating, packing, loading, insuring, transporting, unloading, unpacking, and reconnecting personal property.

Payment "in lieu" of moving expense is available to businesses which are expected to suffer a substantial loss of existing patronage as a result of the displacement, or if certain other requirements such as inability to find a suitable relocation site are met. This payment is an amount equal to the average annual net earnings for the last two taxable years prior to relocation. Such payment may not be less than \$1,000 and not more than \$20,000.

ADDITIONAL INFORMATION

No relocation payment received will be considered as income for the purpose of the Internal Revenue Code of 1954 or for the purposes of determining eligibility or the extent of eligibility of any person for assistance under the Social Security Act or any other federal law (except for any federal law providing low-income housing assistance).

Persons who are eligible for relocation payments and who are legally occupying the property required for the project will not be asked to move without being given at least 90 days advance notice, in writing. Occupants of any type of dwelling eligible for relocation payments will not be required to move unless at least one comparable "decent, safe and sanitary" replacement residence, open to all persons regardless of race, color, religion, sex or national origin, is available or has been made available to them by the state.

Any person, business, farm or non-profit organization, which has been refused a relocation payment by the Department, or believes that the payments are inadequate, may appeal for a hearing before a hearing officer or the Department's Relocation Assistance Appeals Board. No legal assistance is required; however, the displacee may choose to obtain legal council at his/her expense. Information about the appeal procedure is available from the Department's Relocation Advisors.

The information above is not intended to be a complete statement of all of the Department's laws and regulations. At the time of the first written offer to purchase, owner-occupants are given a more detailed explanation of the state's relocation services. Tenant occupants of properties to be acquired are contacted immediately after the first written offer to purchase, and also given a more detailed explanation of the Department's relocation programs.

IMPORTANT NOTICE

To avoid loss of possible benefits, no individual, family, business, farm or non-profit organization should commit to purchase or rent a replacement property without first contacting a Department of Transportation relocation advisor at:

State of California
Department of Transportation, District # __
Address

APPENDIX D

LIST OF PRESIDIO BUILDINGS

Building #	Name ¹	Location ²	Existing Use ³	Planned Use ⁴
2	Post Hospital	Area B	Office	Undetermined
35	Enlisted Men's Barracks	Area B	Vacant	Undetermined
36	Artillery Barracks	Area B	Office	Undetermined
40	Bachelor Officer Quarters	Area B	Housing - Group Quarters	Undetermined
41	Bachelor Officer Quarters	Area B	Housing - Group Quarters	Undetermined
50	Officers' Club	Area B	NPS Visitor Center and Dining Facility	Meeting, conference, special event center
63	Gymnasium	Area B	Recreation (Gymnasium)	Undetermined
86	Barracks	Area B	Vacant	Undetermined
87	Barracks	Area B	Vacant	Undetermined
93	Bowling Center	Area B	Recreation (Presidio Bowling Center)	Undetermined
95	Magazine	Area B	Vacant	Undetermined
96	Tennis Court	Area B	Recreation (Tennis Court)	Undetermined
97	Red Cross Building	Area B	Office	Undetermined
99	WPA Theater	Area B	Vacant	Undetermined
100	Barracks and Mess Hall	Area B	Vacant	Office
101	Barracks and Mess Hall	Area B	Vacant	Office
102	Barracks and Mess Hall	Area B	Vacant	Visitor Center
103	Barracks and Mess Hall	Area B	Office	Office
104	Barracks and Mess Hall	Area B	Vacant	Office
105	Barracks and Mess Hall	Area B	Vacant	Office
106	Band Barracks	Area B	Office	Office
107	Switching Station	Area B	Utility Infrastructure	Undetermined
108	Storage, Electrical Shop	Area B	Storage	Undetermined
113	Garage	Area B	Storage	Undetermined
116	Post Trader (Sutler)	Area B	Office	Undetermined
118	Garage	Area B	Shop	Undetermined
122	Gymnasium (Main Post Community Center)	Area B	Vacant	Mixed Use
123	Garage	Area B	Garage	Undetermined
124	Enlisted Family Quarters	Area B	Residential	Residential
125	Enlisted Family Quarters	Area B	Residential	Residential
126	Enlisted Family Quarters	Area B	Residential	Residential
127	Enlisted Family Quarters	Area B	Residential	Residential
128	Enlisted Family Quarters	Area B	Residential	Residential
129	Enlisted Family Quarters	Area B	Residential	Residential
130	Post Chapel	Area B	Office and Interfaith events	Office and Interfaith events
135	Service Club, NCO Club	Area B	Meeting, conference, special event center	Meeting, conference, special event center
150	Mortuary Chapel, National Cemetery	Area B	Cemetery	Cemetery
151	Caretakers Residence, National Cemetery	Area B	Cemetery	Cemetery
152	Restroom, National Cemetery	Area B	Cemetery	Cemetery
153	Garage, National Cemetery	Area B	Cemetery	Cemetery

Building #	Name¹	Location²	Existing Use³	Planned Use⁴
154	Maintenance Garage, National Cemetery	Area B	Cemetery	Cemetery
201	Exchange Store	Area B	Trust Storage & Office	Office and Retail
204	Exchange Store (Presidio Thrift Shop)	Area B	NPS/Trust Office	Office
210	Guard House	Area B	Bank and Post Office	Bank and Post Office
218	Fire Station	Area B	Fire Station	Fire Station
220	Bakers' and Cooks' School and Barracks	Area B	Office	Office
222	Warehouse	Area B	Vacant	Office
223	Warehouse	Area B	Office	Office
225	Storehouse	Area B	Vacant	Undetermined
227	Warehouse	Area B	Storage	Retail
228	Bakery	Area B	Carpentry Shop	Retail
229	Bakery	Area B	Office	Retail
230	Warehouse	Area B	NPS/Trust Storage, Classroom and Office	Retail or Other Use
575	Lombard Gate	Area B	Decorative Structure	Decorative Structure
603	Crissy Interpretive Center	Area B	Educational	Educational
631	Ammunition Magazine	Area B	Vacant	Undetermined
632	Ammunition Magazine	Area B	Vacant	Undetermined
633	Ammunition Magazine	Area B	Vacant	Undetermined
635	Battery Blaney	Area B	Historic Structure	Historic Structure
636	Battery Sherwood	Area B	Historic Structure	Historic Structure
640	Hangar, Warehouse	Area B	Storage	Museum
643	Aircraft Hanger	Area B	Vacant/Storage	Cultural/Recreational
650	Stilwell Hall	Area B	Vacant	Lodging
651	Administration Building	Area B	Vacant	Lodging
652	Transformer Vault	Area B	Utility Infrastructure	Undetermined
654	Guard House	Area B	Vacant	Undetermined
661	Cavalry Stable	Area B	Park Police	Park Police
662	Cavalry Stable	Area B	Storage	Cultural/Educational
663	Cavalry Stable	Area B	Storage	Cultural/Educational
667	Cavalry Stable	Area B	NPS Archives	NPS Archives
668	Cavalry Stable	Area B	Vacant/Storage	Cultural/Educational
669	Animal Crematory/Post Incinerator	Area B	Vacant	Undetermined
670	Cable House	Area B	Vacant	Undetermined
680	Electrical Substation	Area B	Utility Infrastructure	Undetermined
681	Day Room	Area B	School	Undetermined
682	Enlisted Barracks and Mess Hall	Area B	School	School
683	Day Room	Area B	Vacant	Undetermined
920	Motor Repair Shop	Area B	Gymnastics School	Cultural/Recreational
926	Hanger	Area B	Vacant	Undetermined
929	Gas Pump House	Area B	Infrastructure	Undetermined
931	Armorer's Building	Area B	Infrastructure	Undetermined
933	Dope Shop and Boiler House	Area B	Infrastructure	Undetermined
934	Motor Test Building	Area B	Vacant	Undetermined

Building #	Name ¹	Location ²	Existing Use ³	Planned Use ⁴
935	Aero Storehouse	Area B	Office	Undetermined
937	Hangar	Area B	Warehouse	Undetermined
951	Bachelor Officer Quarters (Scott Hall)	Area B	Vacant	Undetermined
952	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
953	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
954	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
955	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
956	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
957	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
958	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
959	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
960	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
961	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
962	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
963	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
964	Officer Family Housing (pilots)	Area B	Vacant - Residential	Residential
966	Radio Receiver Station	Area B	Vacant	Undetermined
967	Film Vault	Area B	Vacant	Undetermined
968	Garage	Area B	Vacant	Undetermined
969	Garage	Area B	Vacant	Undetermined
1000	Officer Quarters	Area B	Office	Office
1001	Officer Quarters	Area B	Office	Office
1002	Officer Quarters	Area B	Office	Office
1003	Officer Quarters	Area B	Office	Office
1004	Officer Quarters	Area B	Office	Office
1007	Barracks	Area B	Office	Office
1008	Ward	Area B	Office	Office
1009	Ward	Area B	Office	Office
1012	Ward	Area B	Office	Office
1013	Ward	Area B	Office	Office
1014	Outpatient Clinic	Area B	Office	Office
1016	Administration Building	Area B	Office	Office
1040	Power House	Area B	Vacant	Retail
1047	Laundry	Area B	Vacant	Undetermined
1050	Hospital Ward	Area B	Vacant	Undetermined
1051	Hospital Ward	Area B	Office	Undetermined
1056	Animal Hospital	Area B	Vacant	Retail
1059	Storage	Area B	Vacant	Undetermined
1060	Medical Supply Warehouse	Area B	Vacant	Undetermined
1061	Acid Storage	Area B	Vacant	Undetermined
1062	Quartermaster Shop	Area B	Storage	Undetermined
1063	Medical Supply Warehouse	Area B	Storage	Water Recycling Facility
1076	Ambulance Garage	Area B	Vacant	Undetermined
1151	Presidio YMCA Pool	Area B	Recreation (Swimming Pool)	Recreation (Swimming Pool)
1152	Presidio YMCA Gym	Area B	Recreation (Gymnasium)	Recreation (Gymnasium)
1158	Mercantile Specialty Store	Area B	Presidio Dance Theatre	Undetermined

Building #	Name¹	Location²	Existing Use³	Planned Use⁴
1160	Gorgas Warehouse	Area B	Vacant	Office
1161	Gorgas Warehouse	Area B	Office - Vacant	Office
1162	Gorgas Warehouse	Area B	Office and Wellness Clinic	Office
1163	Gorgas Warehouse	Area B	Vacant	Office
1167	Gorgas Warehouse	Area B	Office - Vacant	Office
1169	Gorgas Warehouse	Area B	Office	Office
1170	Gorgas Warehouse	Area B	Vacant	Office
1182	Mason St Warehouse	Area B	Storage	Office
1183	Mason St Warehouse	Area B	Vacant	Office
1184	Mason St Warehouse	Area B	Office - Vacant	Office
1185	Mason St Warehouse	Area B	Office - S.F. Maritime Park	Office
1186	Mason St Warehouse	Area B	Vacant	Office
1187	Mason St Warehouse	Area B	Office - Exploratorium	Office
1188	Mason St Warehouse	Area B	Office	Office
1231	Blacksmith Shop	Area B	Vacant	Undetermined
1233	Storehouse	Area B	Vacant	Undetermined
1243	Quartermaster Warehouse	Area B	S.F. Conservation Corps	Undetermined
1246	Garage	Area B	Garage (Vacant)	Undetermined
1247	Garage	Area B	Garage (Occupied)	Undetermined
1248	Garage	Area B	Garage (Occupied)	Undetermined
1250	Garage	Area B	Garage	Undetermined
1261	Enlisted Family Housing	Area B	Residential	Residential
1262	Enlisted Family Housing	Area B	Residential (Vacant)	Residential
1263	Enlisted Family Housing	Area B	Residential	Residential
1265	Enlisted Family Housing	Area B	Residential	Residential
1266	Enlisted Family Housing	Area B	Residential	Residential
1268	Enlisted Family Housing	Area B	Residential	Residential
1270	Enlisted Family Housing	Area B	Residential	Residential
1272	Enlisted Family Housing	Area B	Residential	Residential
1273	Enlisted Family Housing	Area B	Residential	Residential
1274	Enlisted Family Housing	Area B	Residential	Residential
1275	Enlisted Family Housing	Area B	Residential	Residential
1276	Enlisted Family Housing	Area B	Residential	Residential
1277	Enlisted Family Housing	Area B	Residential	Residential
1285	Garage, Battery Howe-Wagner	Area B	Storage	Undetermined
1287	Battery Howe-Wagner	Area B	Historic Structure	Historic Structure
1289	Enlisted Family Housing	Area B	Residential (Vacant)	Residential
1290	Enlisted Family Housing	Area B	Residential	Residential
1291	Enlisted Family Housing	Area B	Residential	Residential
1293	Enlisted Family Housing	Area B	Residential	Residential
1294	Enlisted Family Housing	Area B	Residential	Residential
1295	Enlisted Family Housing	Area B	Residential	Residential
1297	Enlisted Family Housing	Area B	Residential	Residential
1298	Enlisted Family Housing	Area B	Residential	Residential
1299	NCO Open Mess Annex, Community Center	Area B	Log Cabin Conference Center	Undetermined
F47	Battery Baldwin	Area B	Historic Structure	Historic Structure
F47	Battery Slaughter	Area B	Historic Structure	Historic Structure

Building #	Name¹	Location²	Existing Use³	Planned Use⁴
2004	Anza Street	Area B	Street	Street
2005	Appleton Street	Area B	Street	Street
2006	Arguello Street	Area B	Street	Street
2012	Battery Blaney Road	Area B	Street	Street
2020	Battery Wagner Road	Area B	Street	Street
2024	Birmingham Road	Area B	Street	Street
2027	Bliss Road	Area B	Street	Street
2040	Cowles Road	Area B	Street	Street
2042	Crissy Field Avenue	Area B	Street	Street
2049	Edie Road	Area B	Street	Street
2054	Fisher Loop	Area B	Street	Street
2058	Funston Avenue	Area B	Street	Street
2059	General Kennedy Avenue	Area B	Street	Street
2063	Girard Road	Area B	Street	Street
2064	Gorgas Avenue	Area B	Street	Street
2065	Graham Street	Area B	Street	Street
2068	Halleck Street	Area B	Street	Street
2076	Hoffman Street	Area B	Street	Street
2080	Incinerator Road	Area B	Street	Street
2081	Infantry Terrace	Area B	Street	Street
2087	Keyes Avenue	Area B	Street	Street
2094	Lincoln Boulevard	Area B	Street	Street
2096	Lombard Street	Area B	Street	Street
2097	Long Avenue	Area B	Street	Street
2107	McDowell Avenue	Area B	Street	Street
2114	Mesa Street	Area B	Street	Street
2119	Montgomery Street	Area B	Street	Street
2121	Moraga Avenue	Area B	Street	Street
2130	Old Mason Street	Area B	Street	Street
2131	Ord Street	Area B	Street	Street
2132	O'Reilly Avenue	Area B	Street	Street
2134	Park Boulevard	Area B	Street	Street
2135	Patten Road	Area B	Street	Street
2151	Riley Avenue	Area B	Street	Street
2154	Ruckman Avenue	Area B	Street	Street
2159	Shofield Road	Area B	Street	Street
2162	Sheridan Avenue	Area B	Street	Street
2174	Storey Avenue	Area B	Street	Street
2176	Taylor Road	Area B	Street	Street
2179	Thornburg Road	Area B	Street	Street
2224	Portal Drive, National Cemetery	Area B	Street	Street
2225	Main Drive and Officers' Circle, National Cemetery	Area B	Street	Street
2226	North Drive, National Cemetery	Area B	Street	Street
2227	First Drive, National Cemetery	Area B	Street	Street
2228	South Drive, National Cemetery	Area B	Street	Street
2229	First Drive West, National Cemetery	Area B	Street	Street

Building #	Name¹	Location²	Existing Use³	Planned Use⁴
2230	Second Drive West, National Cemetery	Area B	Street	Street
3008	Stone Retaining Wall	Area B	Built Feature	Built Feature
3009	Concrete Retaining Wall	Area B	Built Feature	Built Feature
3010	Stone Retaining Wall	Area B	Built Feature	Built Feature
3011	Concrete Retaining Wall	Area B	Built Feature	Built Feature
3012	Concrete Retaining Wall	Area B	Built Feature	Built Feature
3047	Spanish Bronze Cannon	Area B	Built Feature	Built Feature
3048	Spanish Bronze Cannon	Area B	Built Feature	Built Feature
3053	1876 Centennial Tree	Area B	Tree	Tree
3201	Boundary Wall, National Cemetery	Area B	Built Feature	Built Feature
3202	Cast-iron Gate, National Cemetery	Area B	Built Feature	Built Feature
3203	Main Entrance, National Cemetery	Area B	Built Feature	Built Feature
3204	Stone Curb	Area B	Built Feature	Built Feature
3205	Stone Retaining Wall	Area B	Built Feature	Built Feature
3206	Stone Retaining Wall and Curb	Area B	Built Feature	Built Feature
3207	Concrete Retaining Wall	Area B	Built Feature	Built Feature
3208	Stone Retaining Wall	Area B	Built Feature	Built Feature
3209	Stone Curb/Retaining Wall	Area B	Built Feature	Built Feature
3210	Stone Retaining Wall	Area B	Built Feature	Built Feature
3212	Stone Retaining Wall Complex	Area B	Built Feature	Built Feature
3213	Stone Curb	Area B	Built Feature	Built Feature
3214	Stone Curb	Area B	Built Feature	Built Feature
3215	Stone Retaining Walls	Area B	Built Feature	Built Feature
3628	Concrete Retaining Wall	Area B	Built Feature	Built Feature
3701	Concrete and Stone Retaining Wall	Area B	Built Feature	Built Feature
3702	Stone Gate Post with Ring	Area B	Built Feature	Built Feature
3709	Concrete Seaplane Ramp	Area B	Built Feature	Built Feature
3730	Wm. A Richardson Memorial	Area B	Built Feature	Built Feature
34	Presidio Trust Offices	Area B	Office	Office
37	Administration Building	Area B	Office	Undetermined
85	Day Room	Area B	Vacant	Undetermined
205	Sewage Pump House	Area B	Sewer Lift Station	Undetermined
211	Former Burger King	Area B	Vacant	Restaurant
215	Bus Shelter	Area B	Vacant	Transit Center and Café
224	Flammable Storage	Area B	Shop/Storage	Undetermined
231	Exchange Gas Service Station	Area B	Office and Warehouse for High Voltage	Undetermined
385	Post Exchange	Area B	Vacant	Undetermined
605	Post Exchange	Area B	Vacant	Undetermined
606	Post Exchange	Area B	Vacant	Undetermined
610	Commissary	Area B	Retail	Museum
638	Oil Storage	Area B	Warehouse	Undetermined
641	Latrine	Area B	Warehouse	Undetermined
644	Unit Motor Pool	Area B	Warehouse	Undetermined

Building #	Name ¹	Location ²	Existing Use ³	Planned Use ⁴
645	Sewer Pump Station	Area B	Sewer Lift Station	Undetermined
649	Army Reserves Building	Area B	Warehouse	Lodging
653	Commissary	Area B	Retail	Museum
666	Dog Kennel	Area B	Vacant	Undetermined
922	Transformer Vault	Area B	Utility Infrastructure	Undetermined
923	Transformer Vault	Area B	Utility Infrastructure	Undetermined
924	Vehicle Repair Shed	Area B	Special Events Use	Undetermined
930	Shed and Steam Rack (Butler)	Area B	Infrastructure	Undetermined
942	Storage Shed	Area B	Vacant	Undetermined
1027	Garage and Storage	Area B	Park Police Storage	Undetermined
1028	Nurse's Quarters	Area B	Housing	Residential
1029	New Barracks	Area B	Swords to Plowshares	Residential
1030	New Barracks	Area B	Swords to Plowshares	Residential
1211	Officers' Quarters	Area B	Residential	Residential
1234	Officers' Quarters	Area B	Residential	Residential
1235	Officers' Quarters	Area B	Residential	Residential
1236	Officers' Quarters	Area B	Residential	Residential
1238	Officers' Quarters	Area B	Residential	Residential
1251	Officers' Quarters	Area B	Residential	Residential
1253	Officers' Quarters	Area B	Residential	Residential
1254	Officers' Quarters	Area B	Residential	Residential
1255	Officers' Quarters	Area B	Residential	Residential
1256	Officers' Quarters	Area B	Residential	Residential
1257	Officers' Quarters	Area B	Residential	Residential
1258	Officers' Quarters	Area B	Residential	Residential
1259	Officers' Quarters	Area B	Residential	Residential
1278	Officers' Quarters	Area B	Residential	Residential
1279	Officers' Quarters	Area B	Residential	Residential
1280	Officers' Quarters	Area B	Residential	Residential
1282	Officers' Quarters	Area B	Residential	Residential
	Letterman Digital Arts Center	Area B	Under Construction	Office, Educational
983	Warehouse	Area A	Dining Facility	Undetermined
984	Torpedo Wharf	Area A	Fishing Pier	Undetermined
985	Mine Loading House	Area A	Garage	Undetermined
986	Mine Loading House	Area A	Garage	Undetermined
988	Guard Station	Area A	Office	Undetermined
989	Plumbing Shop Building/Office	Area A	Office - Fort Point Staff	Undetermined
990	Flammable Storage	Area A	Storage Shed	Undetermined
1901	Officer-in-charge Quarters, USCG	Area A	Office - State of the World Forum	Undetermined
1902	Boathouse, USCG	Area A	Garage	Undetermined
1903	Boathouse and Quarters, USCG	Area A	Office - Gulf of Farallones National Marine Sanctuary	Undetermined
1905	Buoy Shack with Latrine, USCG	Area A	Storage	Undetermined
1906	Tide Gauge House, USCG	Area A	Storage	Undetermined
1907	Shop/Garage, USCG	Area A	Garage	Undetermined
987	Latrine	Area A	Restroom	Undetermined

Building #	Name¹	Location²	Existing Use³	Planned Use⁴
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Notes:

- 1 - List of buildings and features was generated from:
 - * Presidio Trust Management Plan (May 2002)
 - * Doyle Drive Project Draft Finding of Effect Document (12/16/02),
 - * Doyle Drive Project Historic Architectural Survey Report (8/29/02)
 - * Draft Presidio Trails and Bikeways Master Plan & Environmental Assessment (November 2002)
- 2 - Area A - National Park Service is the land manager
Area B - Presidio Trust is the land manager
- 3 - Information on buildings and features existing and future use provided by Presidio Trust staff (5/20/03 and 9/16/02) and National Park Service Staff (7/803)
- 4 - Planned use is based on the Presidio Trust Management Plan (May 2002) proposed use

SOUTH ACCESS TO THE GOLDEN GATE BRIDGE

DOYLE DRIVE

**ADDENDUM TO THE FINAL
COMMUNITY IMPACT ASSESSMENT**

SEPTEMBER 2006

Addendum to the Final Community Impact Assessment (Revised August 2005)

This addendum provides updated information for the Final Community Impact Assessment (CIA) prepared as part of the South Access to the Golden Gate Bridge – Doyle Drive Project. The final version of the CIA was prepared in August 2005. The updates provided in this addendum reflect the changes to that document as a result of the selection of a Preferred Alternative. In July 2006, both the Citizens Advisory Committee (CAC) and Doyle Drive Executive Committee recommended the Presidio Parkway Alternative (Alternative 5) as the Preferred Alternative. The Presidio Parkway Alternative selected will include the Modified Hook Ramp option at the Park Presidio Interchange and the Diamond Interchange option for the east end of the project alignment; the Merchant Road slip ramp was not carried forward. In order to reduce construction costs and address various environmental concerns there have been design refinements made to the Alternative 5 that was presented in the Draft Environmental Impact Statement/Draft Environmental Impact Report (DEIS/DEIR).

The areas of the Final CIA updated in this addendum include Section 4.1.3 Employment Impacts, Section 4.2.1 Temporary Relocation and Permanent Removal of Existing Buildings in the Doyle Drive Right-of-Way, Section 4.2.2 Parking and Section 4.2.3 Impacts to Existing Land Use and Federal Lands. No updates were necessary to the other sections of the CIA since there are no changes to the information which was presented in the final document.

4.1.3 Employment Impacts

During a portion of the construction period, Building 106 would be temporarily closed while construction of the new roadway occurs in the vicinity of the building. The temporary closure of Building 106 would affect 12 employees for a duration of 18 months.

In addition to the temporary closure of Building 106, the Preferred Alternative would require the permanent removal of seven buildings and partial removal of one building (Building 201). Building 201 would be removed during construction activities with the top portion of the building returned following completion of construction activities. Table 1 shows the buildings that would be removed and the revised number of employees that would be permanently displaced.

**TABLE 1
EMPLOYEES PERMANENTLY DISPLACED**

Building #	Organization Affected	Employees
201 ¹	Trust	10
204	Trust and NPS	0
205	Trust	0
230	Trust and NPS	10
231	Trust	8
605	Shurgard	1
606	Shurgard	1
670	Trust	0
1158	Presidio Dance Theatre	5

Source: The Presidio Trust, 2006

Notes: ¹ Building 201 will be completely removed during construction but following construction the top portion of the building will be returned to the site of the original building and be available for occupancy at a reduced number.

4.2 LAND USE IMPACTS

There are relatively few changes to the land use analysis based on the selection of the Preferred Alternative. The primary changes include the return of the top portion of Building 201, rather than the complete removal as analyzed in the Final CIA, and changes to the parking impact analysis.

4.2.1 Temporary Relocation and Permanent Removal of Existing Buildings in Doyle Drive Right-of-Way

The Preferred Alternative would result in the temporary and permanent removal of buildings in the study area. The right-of-way (ROW) for the Preferred Alternative would require approximately 8,590 square meters (92,460 square feet) of buildings, or less than one percent of the 5.6 million total square feet identified under the Final Plan alternative of the PTMP.¹ The Trust would be compensated for the temporary removal and return or permanent removal of buildings in the Presidio as part of the ROW acquisition process. For this analysis it is assumed that the actual land would be transferred from the Trust to Caltrans through the FHWA, pursuant to FHWA's authority under 23 USC 317 as a Federal land transfer² and the Trust would be compensated for the buildings that are in the alternative's construction footprint. Implementation of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended and the Civil Rights Act of 1964, providing for relocation assistance services to affected renters and tenant businesses, will occur for any displaced occupants of the Presidio. These Acts require that residential and commercial property owners be paid fair market value of any property acquired as a result of the project.

Table 2 provides a summary of buildings affected by implementation of the Preferred Alternative.

4.2.1.1 Temporary Removal of Buildings

The Presidio Parkway Alternative would require the temporary removal of the upper floor of Building 201 in order to construct the Main Post tunnels. Total building space temporarily removed would be 532 square meters (5,272 square feet). The Trust occupies the building and would be compensated for the displacement of the occupants as described above.

¹ PTMP, Attachment B: Final EIS Land Use Alternatives: Land Use Program by Planning Area, The Presidio Trust, 2001

² It is acknowledged that the assumptions used in this analysis could change based on the future negotiations of the transfer of land between the Presidio Trust and Caltrans through the FHWA, pursuant to FHWA's authority under 23 USC 317, as a Federal land transfer.

**TABLE 2
BUILDINGS AFFECTED BY IMPLEMENTATION OF THE PREFERRED ALTERNATIVE**

Building	Vacant During Construction	Permanently Removed	Total Building Area Permanently Removed Sq Meters (Sq Feet)	Existing Use
106	✓		-	Office
201 ¹		✓	1,064 (11,458)	Storage & Office
204		✓	1,128 (12,144)	Office
205		✓	11 (121)	Sewer Lift Station
230		✓	935 (10,060)	Storage, Classroom & Office
231		✓	357 (3,842)	Office & Warehouse
670		✓	90 (969)	Vacant
605		✓	3,932 (42,319)	Public Storage
606		✓	689 (7,416)	Public Storage
1158		✓	387 (4,164)	Presidio Dance Theatre

Source: Parsons Brinckerhoff, May 2004.

Notes: ¹ The top portion of Building 201 (approximately 532 square meters [5,727 square feet]) will be returned following the completion of construction activities.

4.2.1.2 Permanent Removal of Buildings

Table 2 shows the buildings that would be permanently removed by the Preferred Alternative. The Presidio Parkway Alternative would require the permanent removal of Buildings 201 (lower floor), 204, 205, 230, 231, 670, 605, 606 and 1158. Buildings 201, 205, 230 and 231 are occupied by the Trust and NPS whom would require relocation to a commensurate property. Building 670 is vacant while Buildings 605 and 606 are occupied by Shurgard Self-Storage, Building 204 is partially occupied by the Trust shuttle operator (PresidioGo) and Building 1158 is occupied by the Presidio Dance Theatre.

4.2.1.3 Temporary Displacement of Tenants Due to Construction

Building 106 would potentially have to be temporarily vacated for approximately eighteen months during construction of the Preferred Alternative due to its proximity to construction activities. Building 106 is currently occupied by Union Pacific with 12 employees. The Trust would be compensated for the lost rent during the period that the tenant would be displaced.

4.2.2 Parking

Temporary Impacts

Temporary parking impacts were assumed to occur in 2010 to reflect when construction activities would have the greatest effect on the parking supply. Unmet demand reflects parking deficiencies beyond those identified under the No-Build conditions. Under 2010 conditions, the Preferred Alternative would result in a total unmet demand of 843 spaces in the Mason Street Warehouses, Gorgas Warehouses, Thornburg Road, and Palace of Fine Arts areas.

Long-term Impacts

Under 2030 project conditions, the Preferred Alternative would result in a total unmet demand of 126 spaces in the Thornburg Road area.

Parking impacts are summarized in Table 3. In areas where parking impacts have been identified, unmet demand due to each alternative reflects parking deficiencies beyond those identified under the No-Build conditions.

**TABLE 3
TEMPORARY AND LONG TERM PARKING IMPACTS**

Area	Surplus/ Deficiency No-Build		Unmet Parking Demand – Preferred Alternative	
	Temp.	Long-term	Temp.	Long-term
Mason Street Warehouses	0	0	-80	0
PX/Commissary	385	369	0	0
Gorgas Avenue Warehouses	0	0	-269	0
Thornburg Area	-26	-26	-236	-126
North Halleck Area	0	0	0	0
Fort Scott – Rod Road	0	0	0	0
Palace of Fine Arts	0	0	-258	0
Total	358	343	-843	-126

Source: Parsons Brinckerhoff, July 2006.

Note: Negative numbers represent parking deficiencies. Unmet demand reflects parking deficiencies beyond those identified under the No-Build conditions.

Mitigation would be required to replace the parking spaces that would be lost during construction of the Preferred Alternative. The availability of replacement parking would depend on the availability of parking during construction. Availability would be based on the type of construction activities taking place, their location and duration. The parking study will be updated periodically to determine the location and extent of available parking lost during construction activities. It is possible that some areas of replacement parking would be needed, but their extent and duration would be dependent upon the availability and management of parking elsewhere within the Presidio.

Mitigation would also be required to replace the parking spaces lost under 2030 (permanent) conditions. As areas of deficiency are generally located to the south of Doyle Drive, the Presidio Trust has indicated the area west of Halleck Street and south of the Main Post tunnels might be considered for potential location of a new underground parking facility to mitigate any unmet parking demand. It is expected that the remaining parking deficits would be met through the management of available supply by the Presidio Trust within the study area and in other nearby areas.

4.2.3 Impacts to Existing Land Use and Federal Lands

There is no significant change to the analysis of potential land use impacts associated with the Preferred Alternative. The only minor change to the analysis is that half of Building 201 would be returned following construction of the roadway in that area. The analysis in the Final CIA determined that the loss of Building 201 would affect the character of the Halleck Street corridor, but with the return of a portion of the building the original character of the corridor would be retained.

APPENDIX A

UPDATED LIST OF PRESIDIO BUILDINGS AND USES JULY 2006

Building #	Name ¹	Location ²	Existing Use ³	Planned Use (2010)	Planned Use (2030) ⁴
2	Post Hospital	Area B	Office	Office	Cultural/educational
34	Presidio Trust Offices	Area B	Office	Lodging	Lodging
35	Enlisted Men's Barracks	Area B	Educational	Educational	Educational
36	Artillery Barracks	Area B	Office	Office	Office
37	Administration Building	Area B	Office	Office	Office
40	Bachelor Officer Quarters	Area B	Housing - Group Quarters	Cultural/educational	Cultural/educational
41	Bachelor Officer Quarters	Area B	Housing - Group Quarters	Cultural/educational	Cultural/educational
50	Officers' Club	Area B	NPS Visitor Center and Dining Facility (part retail and part cultural/educational)	NPS Visitor Center and Dining Facility (part retail and part cultural/educational)	Conference
63	Gymnasium	Area B	Recreation (Gymnasium)	Recreation (Gymnasium)	Recreation (Gymnasium)
85	Day Room	Area B	Office	Office	Office
86	Barracks	Area B	Office	Office	Office
87	Barracks	Area B	Office	Office	Office
93	Bowling Center	Area B	Recreation (Presidio Bowling Center)	Recreation (Presidio Bowling Center)	Recreation (Presidio Bowling Center)
95	Magazine	Area B	Vacant	Interpretation	Interpretation
96	Tennis Court	Area B	Recreation (Tennis Court)	Recreation (Tennis Court)	Recreation (Tennis Court)
97	Red Cross Building	Area B	Office	Office	Cultural/educational
99	WPA Theater	Area B	Vacant	Theater	Theater
100	Barracks and Mess Hall	Area B	Vacant	Cultural/educational	Cultural/educational
101	Barracks and Mess Hall	Area B	Vacant	part cultural/educational, part office	part cultural/educational, part office
102	Barracks and Mess Hall	Area B	Vacant	Visitor Center (cultural/educational)	Visitor Center (cultural/educational)
103	Barracks and Mess Hall	Area B	Office	part cultural/educational, part office	part cultural/educational, part office
104	Barracks and Mess Hall	Area B	Vacant	Cultural/educational	Cultural/educational
105	Barracks and Mess Hall	Area B	Vacant	part cultural/educational, part office	part cultural/educational, part office
106	Band Barracks	Area B	Office	Office	Office
107	Switching Station	Area B	Utility Infrastructure	Utility Infrastructure	Utility Infrastructure
108	Storage, Electrical Shop	Area B	Storage	Storage	Storage
113	Garage	Area B	Storage	Storage	Storage
116	Post Trader (Sutler)	Area B	Office	Office	Office
118	Garage	Area B	Shop	Demo	Demo
122	Gymnasium (Main Post Community Center)	Area B	Vacant	Office	Office
123	Garage	Area B	Garage	Garage	Infrastructure
124	Enlisted Family Quarters	Area B	Residential	Residential	Residential
125	Enlisted Family Quarters	Area B	Residential	Residential	Residential
126	Enlisted Family Quarters	Area B	Residential	Residential	Residential
127	Enlisted Family Quarters	Area B	Residential	Residential	Residential
128	Enlisted Family Quarters	Area B	Residential	Residential	Residential
129	Enlisted Family Quarters	Area B	Residential	Residential	Residential
130	Post Chapel	Area B	Office and Interfaith events	Office and Interfaith events	Office and Interfaith events

Building #	Name ¹	Location ²	Existing Use ³	Planned Use (2010)	Planned Use (2030) ⁴
135	Service Club, NCO Club	Area B	Conference	Conference	Conference
150	Mortuary Chapel, National Cemetery	Area B	Cemetery	Cemetery	Cemetery
151	Caretakers Residence, National Cemetery	Area B	Cemetery	Cemetery	Cemetery
152	Restroom, National Cemetery	Area B	Cemetery	Cemetery	Cemetery
153	Garage, National Cemetery	Area B	Cemetery	Cemetery	Cemetery
154	Maintenance Garage, National Cemetery	Area B	Cemetery	Cemetery	Cemetery
201	Exchange Store	Area B	Trust Storage & Office	Vacant	Office and Retail (top floor only)
204	Exchange Store (Presidio Thrift Shop)	Area B	NPS/Trust Office	removed	removed
205	Sewage Pump House	Area B	Sewer Lift Station	removed	removed
210	Guard House	Area B	Bank and Post Office (retail)	Bank and Post Office (retail)	Bank and Post Office (retail)
211	Former Burger King	Area B	Office	Office	Office
215	Bus Shelter	Area B	Vacant (in construction)	Transit Center and Café (retail)	Transit Center and Café
218	Fire Station	Area B	Fire Station	Fire Station	Fire Station
220	Bakers' and Cooks' School and Barracks	Area B	Office	Office	Office
222	Warehouse	Area B	Office	Service Retail	Service Retail
223	Warehouse	Area B	Office	Service Retail	Service Retail
224	Flammable Storage	Area B	Shop/Storage	Infrastructure	Infrastructure
225	Storehouse	Area B	Vacant	Infrastructure	Infrastructure
227	Warehouse	Area B	Office	Office	Retail
228	Bakery	Area B	Carpentry Shop	Office	Retail
229	Bakery	Area B	Office	Office	Retail
230	Warehouse	Area B	NPS/Trust Storage, Classroom and Office	removed	removed
231	Exchange Gas Service Station	Area B	High Voltage (part office, part industrial/warehouse)	removed	removed
385	Post Exchange	Area B	Herbst Exhibition Hall (cultural/educational)	Herbst Exhibition Hall (cultural/educational)	Cultural/educational
575	Lombard Gate	Area B	Decorative Structure	Decorative Structure	Decorative Structure
603	Crissy Interpretive Center	Area B	Educational	Educational	Educational
605	Post Exchange	Area B	Public Storage	Removed	Cultural/Educational
606	Post Exchange	Area B	Public Storage	Removed	Cultural/Educational
610	Commissary	Area B	Retail	Retail	Cultural/Educational
631	Ammunition Magazine	Area B	Vacant	Vacant	Infrastructure
632	Ammunition Magazine	Area B	Vacant	Vacant	Infrastructure
635	Battery Blaney	Area B	Historic Structure	Historic Structure	Historic Structure
636	Battery Sherwood	Area B	Historic Structure	Historic Structure	Historic Structure
638	Oil Storage	Area B	Industrial/warehouse	Industrial/warehouse	Industrial/warehouse
640	Hangar, Warehouse	Area B	Storage	Storage	Cultural/educational

Building #	Name ¹	Location ²	Existing Use ³	Planned Use (2010)	Planned Use (2030) ⁴
641	Latrine	Area B	Warehouse	Warehouse	Industrial/warehouse
643	Aircraft Hanger	Area B	Vacant/Storage	Storage	Retail
N.A.	New Construction	Area B	N.A.	N.A.	Lodging
644	Unit Motor Pool	Area B	Warehouse	Storage	Demo
645	Sewer Pump Station	Area B	Sewer Lift Station	same	Demo
649	Army Reserves Building	Area B	Warehouse	Recreation	Lodging
650	Stilwell Hall	Area B	Vacant	Vacant	Lodging
651	Administration Building	Area B	Vacant	Vacant	Lodging
652	Transformer Vault	Area B	Utility Infrastructure	Utility Infrastructure	Utility Infrastructure
653	Commissary	Area B	Retail	Retail	Museum
654	Guard House	Area B	Vacant	Vacant	Lodging
661	Cavalry Stable	Area B	Park Police (part office, part stables)	Park Police (part office, part stables)	Park Police (part office, part stables)
662	Cavalry Stable	Area B	Storage	same	Cultural/Educational
663	Cavalry Stable	Area B	Storage	Cultural/Educational	Cultural/Educational
666	Dog Kennel	Area B	Vacant	Cultural/Educational	Demo
667	Cavalry Stable	Area B	NPS Archives	NPS Archives (cultural/educational)	NPS Archives (cultural/educational)
668	Cavalry Stable	Area B	Vacant/Storage	Cultural/Educational	Cultural/Educational
669	Animal Crematory/Post Incinerator	Area B	Vacant	same	Infrastructure
670	Cable House	Area B	Vacant	removed	removed
680	Electrical Substation	Area B	Utility Infrastructure	Utility Infrastructure	Utility Infrastructure
681	Day Room	Area B	School	Educational	Educational
682	Enlisted Barracks and Mess Hall	Area B	Temporary School Site	Educational	Educational
683	Day Room	Area B	Educational	Educational	Educational
920	Motor Repair Shop	Area B	Cultural/educational	Cultural/educational	Cultural/educational
922	Transformer Vault	Area B	Utility Infrastructure	Utility Infrastructure	Utility Infrastructure
923	Transformer Vault	Area B	Utility Infrastructure	Utility Infrastructure	Utility Infrastructure
924	Vehicle Repair Shed	Area B	Recreation	Recreation	Recreation
926	Hanger	Area B	Vacant	Recreation	Recreation
929	Gas Pump House	Area B	Infrastructure	Industrial/warehouse	Industrial/warehouse
930	Shed and Steam Rack (Butler)	Area B	Infrastructure	Industrial/warehouse	Industrial/warehouse
931	Armorer's Building	Area B	Infrastructure	Industrial/warehouse	Industrial/warehouse
933	Dope Shop and Boiler House	Area B	Infrastructure	Cultural/Educational	Cultural/Educational
934	Motor Test Building	Area B	Vacant	retail	retail
935	Aero Storehouse	Area B	Office	Cultural/Educational	Cultural/Educational
937	Hangar	Area B	Industrial/warehouse	Part retail/part industrial warehouse	Part retail/part industrial warehouse
942	Storage Shed	Area B	Vacant	same	Industrial/warehouse
951	Bachelor Officer Quarters (Scott Hall)	Area B	Vacant	Vacant	Lodging

Building #	Name ¹	Location ²	Existing Use ³	Planned Use (2010)	Planned Use (2030) ⁴
952	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
953	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
954	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
955	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
956	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
957	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
958	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
959	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
960	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
961	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
962	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
963	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
964	Officer Family Housing (pilots)	Area B	Residential	Residential	Residential
966	Radio Receiver Station	Area B	Vacant	Vacant	Residential
967	Film Vault	Area B	Vacant	Vacant	Infrastructure
968	Garage	Area B	garage	garage	garage
969	Garage	Area B	garage	garage	garage
983	Warehouse	Area A	Dining Facility		Undetermined
984	Torpedo Wharf	Area A	Fishing Pier		Undetermined
985	Mine Loading House	Area A	Garage		Undetermined
986	Mine Loading House	Area A	Garage		Undetermined
987	Latrine	Area A	Restroom		Undetermined
988	Guard Station	Area A	Office		Undetermined
989	Plumbing Shop Building/Office	Area A	Office - Fort Point Staff		Undetermined
990	Flammable Storage	Area A	Storage Shed		Undetermined
1000	Officer Quarters	Area B	Office	Office	Office
1001	Officer Quarters	Area B	Office	Office	Office
1002	Officer Quarters	Area B	Office	Office	Office
1003	Officer Quarters	Area B	Office	Office	Office
1004	Officer Quarters	Area B	Office	Office	Office
1007	Barracks	Area B	Office	Office	Office
1008	Ward	Area B	Office	Office	Office
1009	Ward	Area B	Office	Office	Office
1012	Ward	Area B	Office	Office	Office
1013	Ward	Area B	Office	Office	Office

Building #	Name ¹	Location ²	Existing Use ³	Planned Use (2010)	Planned Use (2030) ⁴
1014	Outpatient Clinic	Area B	Office	Office	Office
1016	Administration Building	Area B	Office	Office	Office
1027	Garage and Storage	Area B	Park Police Storage	Park Police Storage	Demo
1028	Nurse's Quarters	Area B	Housing	Residential	Residential
1029	New Barracks	Area B	Swords to Plowshares	Residential	Residential
1030	New Barracks	Area B	Swords to Plowshares	Residential	Residential
1040	Power House	Area B	Vacant	Industrial/warehouse	Industrial/warehouse
1047	Laundry	Area B	Vacant	retail	retail
1050	Hospital Ward	Area B	office	retail	retail
1051	Hospital Ward	Area B	Office	retail	retail
1056	Animal Hospital	Area B	Vacant	retail	retail
1059	Storage	Area B	Vacant	retail	retail
1060	Medical Supply Warehouse	Area B	Vacant	Office	Office
1061	Acid Storage	Area B	Vacant	Infrastructure	Infrastructure
1062	Quartermaster Shop	Area B	Storage	Office	Office
1063	Medical Supply Warehouse	Area B	Storage	Water Recycling Facility (industrial/warehouse)	Water Recycling Facility (industrial/warehouse)
1076	Ambulance Garage	Area B	Utility Infrastructure	same	Utility Infrastructure
1151	Presidio YMCA Pool	Area B	Recreation (Swimming Pool)	Recreation (Swimming Pool)	Recreation (Swimming Pool)
1152	Presidio YMCA Gym	Area B	Recreation (Gymnasium)	Recreation (Gymnasium)	Recreation (Gymnasium)
1158	Mercantile Specialty Store	Area B	cultural/educational	cultural/educational	cultural/educational
1160	Gorgas Warehouse	Area B	Vacant	cultural/educational	cultural/educational
1161	Gorgas Warehouse	Area B	Day Spa (retail)	Day Spa (retail)	Day Spa (retail)
1162	Gorgas Warehouse	Area B	Office and Wellness Clinic	cultural/educational	cultural/educational
1163	Gorgas Warehouse	Area B	Vacant	cultural/educational	cultural/educational
1167	Gorgas Warehouse	Area B	Office - Vacant	office	office
1169	Gorgas Warehouse	Area B	Office	office	office
1170	Gorgas Warehouse	Area B	Vacant	cultural/educational	cultural/educational
1182	Mason St Warehouse	Area B	Storage	Office	Office
1183	Mason St Warehouse	Area B	Vacant	cultural/educational	cultural/educational
1184	Mason St Warehouse	Area B	Vacant	cultural/educational	cultural/educational
1185	Mason St Warehouse	Area B	Vacant	cultural/educational	cultural/educational
1186	Mason St Warehouse	Area B	Office	cultural/educational	cultural/educational
1187	Mason St Warehouse	Area B	Office	Office	Office
1188	Mason St Warehouse	Area B	Office	Office	Office
1211	Officers' Quarters	Area B	Residential	Residential	Residential
1231	Blacksmith Shop	Area B	Vacant	Vacant	Industrial/warehouse
1233	Storehouse	Area B	Vacant	Vacant	Industrial/warehouse
1234	Officers' Quarters	Area B	Residential	Residential	Residential
1235	Officers' Quarters	Area B	Residential	Residential	Residential
1236	Officers' Quarters	Area B	Residential	Residential	Residential
1238	Officers' Quarters	Area B	Residential	Residential	Residential
1243	Quartermaster Warehouse	Area B	S.F. Conservation Corps	same	Industrial/warehouse
1246	Garage	Area B	Garage (Occupied)	Garage (Occupied)	Garage (Occupied)

Building #	Name ¹	Location ²	Existing Use ³	Planned Use (2010)	Planned Use (2030) ⁴
1247	Garage	Area B	Garage (Occupied)	Garage (Occupied)	Garage (Occupied)
1248	Garage	Area B	Garage (Occupied)	Garage (Occupied)	Garage (Occupied)
1250	Garage	Area B	Garage (Occupied)	Garage (Occupied)	Garage (Occupied)
1251	Officers' Quarters	Area B	Residential	Residential	Residential
1253	Officers' Quarters	Area B	Residential	Residential	Residential
1254	Officers' Quarters	Area B	Residential	Residential	Residential
1255	Officers' Quarters	Area B	Residential	Residential	Residential
1256	Officers' Quarters	Area B	Residential	Residential	Residential
1257	Officers' Quarters	Area B	Residential	Residential	Residential
1258	Officers' Quarters	Area B	Residential	Residential	Residential
1259	Officers' Quarters	Area B	Residential	Residential	Residential
1261	Enlisted Family Housing	Area B	Residential	Residential	Residential
1262	Enlisted Family Housing	Area B	Residential	Residential	Residential
1263	Enlisted Family Housing	Area B	Residential	Residential	Residential
1265	Enlisted Family Housing	Area B	Residential	Residential	Residential
1266	Enlisted Family Housing	Area B	Residential	Residential	Residential
1268	Enlisted Family Housing	Area B	Residential	Residential	Residential
1270	Enlisted Family Housing	Area B	Residential	Residential	Residential
1272	Enlisted Family Housing	Area B	Residential	Residential	Residential
1273	Enlisted Family Housing	Area B	Residential	Residential	Residential
1274	Enlisted Family Housing	Area B	Residential	Residential	Residential
1275	Enlisted Family Housing	Area B	Residential	Residential	Residential
1276	Enlisted Family Housing	Area B	Residential	Residential	Residential
1277	Enlisted Family Housing	Area B	Residential	Residential	Residential
1278	Officers' Quarters	Area B	Residential	Residential	Residential
1279	Officers' Quarters	Area B	Residential	Residential	Residential
1280	Officers' Quarters	Area B	Residential	Residential	Residential
1282	Officers' Quarters	Area B	Residential	Residential	Residential
1285	Garage, Battery Howe-Wagner	Area B	Storage	Infrastructure	Infrastructure
1287	Battery Howe-Wagner	Area B	Historic Structure	Infrastructure	Infrastructure
1289	Enlisted Family Housing	Area B	Residential	Residential	Residential
1290	Enlisted Family Housing	Area B	Residential	Residential	Residential
1291	Enlisted Family Housing	Area B	Residential	Residential	Residential
1293	Enlisted Family Housing	Area B	Residential	Residential	Residential
1294	Enlisted Family Housing	Area B	Residential	Residential	Residential
1295	Enlisted Family Housing	Area B	Residential	Residential	Residential
1297	Enlisted Family Housing	Area B	Residential	Residential	Residential
1298	Enlisted Family Housing	Area B	Residential	Residential	Residential
1299	NCO Open Mess Annex, Community Center	Area B	Log Cabin Conference Center	same	Conference
1901	Officer-in-charge Quarters, USCG	Area A	Office - State of the World Forum		Undetermined
1902	Boathouse, USCG	Area A	Garage		Undetermined
1903	Boathouse and Quarters, USCG	Area A	Office - Gulf of Farallones National Marine Sanctuary		Undetermined

South Access to the Golden Gate Bridge – Doyle Drive Project

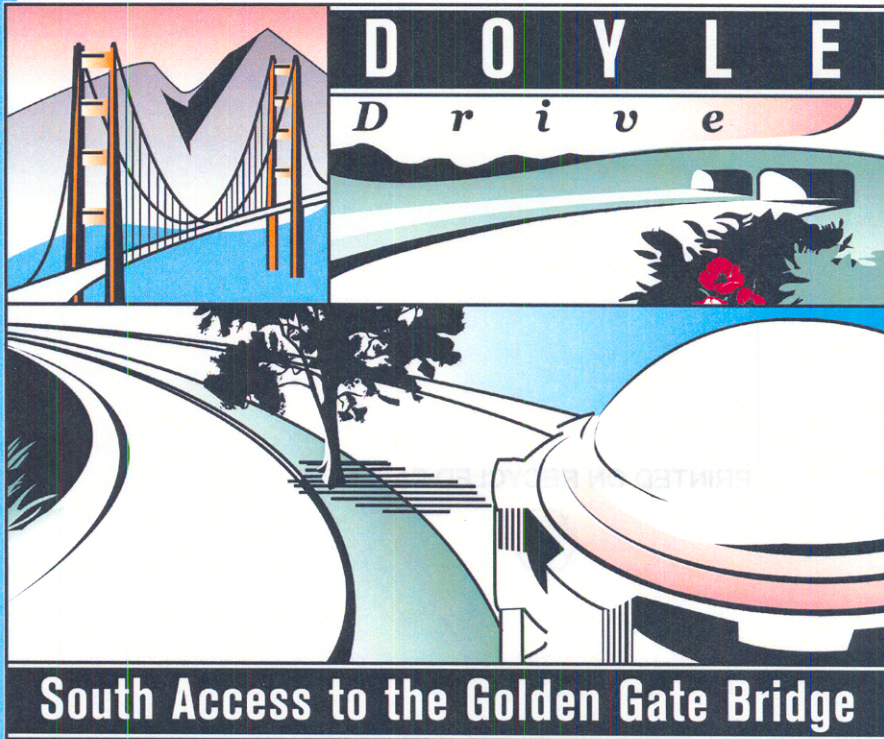
Building #	Name ¹	Location ²	Existing Use ³	Planned Use (2010)	Planned Use (2030) ⁴
1905	Buoy Shack with Latrine, USCG	Area A	Storage		Undetermined
1906	Tide Gauge House, USCG	Area A	Storage		Undetermined
1907	Shop/Garage, USCG	Area A	Garage		Undetermined
2004	Anza Street	Area B	Street	Street	Street
2005	Appleton Street	Area B	Street	Street	Street
2006	Arguello Street	Area B	Street	Street	Street
2012	Battery Blaney Road	Area B	Street	Street	Street
2020	Battery Wagner Road	Area B	Street	Street	Street
2024	Birmingham Road	Area B	Street	Street	Street
2027	Bliss Road	Area B	Street	Street	Street
2040	Cowles Road	Area B	Street	Street	Street
2042	Crissy Field Avenue	Area B	Street	Street	Street
2049	Edie Road	Area B	Street	Street	Street
2054	Fisher Loop	Area B	Street	Street	Street
2058	Funston Avenue	Area B	Street	Street	Street
2059	General Kennedy Avenue	Area B	Street	Street	Street
2063	Girard Road	Area B	Street	Street	Street
2064	Gorgas Avenue	Area B	Street	Street	Street
2065	Graham Street	Area B	Street	Street	Street
2068	Halleck Street	Area B	Street	Street	Street
2076	Hoffman Street	Area B	Street	Street	Street
2080	Incinerator Road	Area B	Street	Street	Street
2081	Infantry Terrace	Area B	Street	Street	Street
2087	Keyes Avenue	Area B	Street	Street	Street
2094	Lincoln Boulevard	Area B	Street	Street	Street
2096	Lombard Street	Area B	Street	Street	Street
2097	Long Avenue	Area B	Street	Street	Street
2107	McDowell Avenue	Area B	Street	Street	Street
2114	Mesa Street	Area B	Street	Street	Street
2119	Montgomery Street	Area B	Street	Street	Street
2121	Moraga Avenue	Area B	Street	Street	Street
2130	Old Mason Street	Area B	Street	Street	Street
2131	Ord Street	Area B	Street	Street	Street
2132	O'Reilly Avenue	Area B	Street	Street	Street
2134	Park Boulevard	Area B	Street	Street	Street
2135	Patten Road	Area B	Street	Street	Street
2151	Riley Avenue	Area B	Street	Street	Street
2154	Ruckman Avenue	Area B	Street	Street	Street
2159	Shofield Road	Area B	Street	Street	Street
2162	Sheridan Avenue	Area B	Street	Street	Street
2174	Storey Avenue	Area B	Street	Street	Street
2176	Taylor Road	Area B	Street	Street	Street
2179	Thornburg Road	Area B	Street	Street	Street
2224	Portal Drive, National Cemetery	Area B	Street	Street	Street

Building #	Name ¹	Location ²	Existing Use ³	Planned Use (2010)	Planned Use (2030) ⁴
2225	Main Drive and Officers' Circle, National Cemetery	Area B	Street	Street	Street
2226	North Drive, National Cemetery	Area B	Street	Street	Street
2227	First Drive, National Cemetery	Area B	Street	Street	Street
2228	South Drive, National Cemetery	Area B	Street	Street	Street
2229	First Drive West, National Cemetery	Area B	Street	Street	Street
2230	Second Drive West, National Cemetery	Area B	Street	Street	Street
3008	Stone Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3009	Concrete Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3010	Stone Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3011	Concrete Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3012	Concrete Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3047	Spanish Bronze Cannon	Area B	Built Feature	Built Feature	Built Feature
3048	Spanish Bronze Cannon	Area B	Built Feature	Built Feature	Built Feature
3053	1876 Centennial Tree	Area B	Tree	Tree	Tree
3201	Boundary Wall, National Cemetery	Area B	Built Feature	Built Feature	Built Feature
3202	Cast-iron Gate, National Cemetery	Area B	Built Feature	Built Feature	Built Feature
3203	Main Entrance, National Cemetery	Area B	Built Feature	Built Feature	Built Feature
3204	Stone Curb	Area B	Built Feature	Built Feature	Built Feature
3205	Stone Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3206	Stone Retaining Wall and Curb	Area B	Built Feature	Built Feature	Built Feature
3207	Concrete Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3208	Stone Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3209	Stone Curb/Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3210	Stone Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3212	Stone Retaining Wall Complex	Area B	Built Feature	Built Feature	Built Feature
3213	Stone Curb	Area B	Built Feature	Built Feature	Built Feature
3214	Stone Curb	Area B	Built Feature	Built Feature	Built Feature
3215	Stone Retaining Walls	Area B	Built Feature	Built Feature	Built Feature
3628	Concrete Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3701	Concrete and Stone Retaining Wall	Area B	Built Feature	Built Feature	Built Feature
3702	Stone Gate Post with Ring	Area B	Built Feature	Built Feature	Built Feature
3709	Concrete Seaplane Ramp	Area B	Built Feature	Built Feature	Built Feature
3730	Wm. A Richardson Memorial	Area B	Built Feature	Built Feature	Built Feature

Building #	Name ¹	Location ²	Existing Use ³	Planned Use (2010)	Planned Use (2030) ⁴
F47	Battery Baldwin	Area B	Historic Structure	Historic Structure	Historic Structure
F47	Battery Slaughter	Area B	Historic Structure	Historic Structure	Historic Structure

- Notes:
- 1 - List of buildings and features was generated from:
 - * Presidio Trust Management Plan (May 2002)
 - * Doyle Drive Project Finding of Effect Document (December 2005),
 - * Doyle Drive Project Historic Architectural Survey Report (8/29/02)
 - * Presidio Trails and Bikeways Master Plan & Environmental Assessment (July 2003)
 - 2 - Area A - National Park Service is the land manager
Area B - Presidio Trust is the land manager
 - 3 - Information on buildings' and features' existing use provided by Presidio Trust staff (July 2006)
 - 4 - Planned use is based on the Presidio Trust Management Plan (May 2002) as modified by Presidio Trust staff (July 2006)

SFCTA Contract Number 99/00-7



FINAL PRELIMINARY GEOTECHNICAL REPORT OCTOBER 2004

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SECTION 1: EXECUTIVE SUMMARY

The San Francisco County Transportation Authority (SFCTA) is proposing to replace Doyle Drive, a stretch of Highway 101 extending to the southern approach of the Golden Gate Bridge. Doyle Drive lies entirely within the Presidio of San Francisco (the Presidio), which is presently part of the Golden Gate National Recreation Area (GGNRA) and lies entirely within the Trust managed lands. The existing stretch includes a 463-meter (1,520-foot) long high-viaduct near the western end and an approximately 1,137-meter (3,730-foot) long low-viaduct at the eastern end.

The purpose of the project is to replace Doyle Drive to improve the seismic, structural, and traffic safety of the roadway within the setting and context of the Presidio and its purpose as a National Park. The new facility would provide wider lanes, a median barrier and continuous outside shoulders. Three alternatives are being considered: No-build, Replace and Widen, and Presidio Parkway. The Replace and Widen alternative would replace the high- and low-viaducts in generally the same location. The Presidio Parkway alternative involves reconstruction of the high-viaduct, and the construction of four short tunnels (two cut-and-cover and two at-grade concrete box construction) and two low causeway structures. The new facility will generally follow the same alignment as the existing roadway.

This Final Preliminary Geotechnical Report has been prepared as a part of the Doyle Drive Environmental and Design Study (Design Study) with the specific aim of:

- Providing sufficient geotechnical information from existing sources to allow, in conjunction with other project reports (e.g., 'Hydrology and Water Resources' and 'Natural Environmental Study (NES)'), the assessment of environmental impacts, constructability and preliminary construction costs for the subsurface structural elements (structure foundations, tunnel section designs, limits of hazardous materials, etc.);
- Identifying areas or conditions that will require additional subsurface investigations for final design;
- Addressing the technical content and topics required for Preliminary Geotechnical Reports by the State of California Department of Transportation (Caltrans); and
- Providing preliminary design recommendations for deep foundations and tunnel structures.

This report presents all of the pertinent background information presented earlier in the Preliminary Geotechnical Report, Final (April, 2002). However, as noted earlier, the several replacement alternatives considered in the prior report but since then rejected are not presented in this report. Separate design reports will be produced for each structure for the Final Foundation Reports, as appropriate, once the project is finalized.

The draft version of this report (Draft Preliminary Materials and Foundation Report, July 2000) was based solely on available existing reports, boring logs, as-built drawings and a reconnaissance of the project site. A limited preliminary subsurface investigation program was performed in February 2001 to obtain additional groundwater and geotechnical data to allow a more accurate estimate of bedrock depths, liquefaction potential and hydrologic conditions in the Tennessee Hollow and East Bluff areas for purposes of alternative evaluations and cost estimating. The results of the preliminary investigations were incorporated in: 'Preliminary Geotechnical Report, Revision 0, May 2001. The report was finalized with the incorporation of all comments from the various agencies and published as Preliminary Geotechnical Report, Final (April, 2002).

Additional subsurface investigations will be required to complete the final design, including detailed investigations to aid the design of the viaduct foundations and tunnels and the design of appropriate systems to minimize impacts to the hydrologic system and the vegetation and habitats it supports. All structures pertaining to this project (viaducts, tunnels, and road sections) have been addressed in this Preliminary Report. Separate reports will be produced for each structure for the Final Foundation Reports once a preferred alternative is identified.

Cast-In-Drilled-Hole (CIDH) piles are recommended for the High-viaduct foundations where the bedrock is shallow as is expected for the western half of the high-viaduct. Cast-In-Steel Shell (CISS) or CIDH piles are recommended for the low-viaduct, Replace and Widen – No Detour Alternative. Driven piles are recommended for the rest of the viaduct foundations. However, CIDH piles or other non-standard piles may be opted for in other areas to allay concerns regarding potentially unacceptable levels of noise or vibrations generated by pile driving. Estimated required pile penetrations are provided for the CIDH piles and for a range of the most common sizes of Cast-In-Steel-Shell (CISS) and pre-stressed, precast concrete piles.

Seismic design for the structures should be based on a Magnitude 8 (Moment Magnitude) earthquake on the San Andreas Fault. A peak ground acceleration of 0.5g should be used. Design response spectra consistent with the subsurface conditions are provided in Section 12.

Preliminary design and construction recommendations are provided for the four tunnels, retaining walls, pavements and earthwork. The following findings are judged to be particularly significant from the standpoints of final design and construction:

- Liquefaction potential exists in the area covered by the 'soft soils' of the historic tidal marsh all through the corridor east of Station 20+00. This will impact the low causeway structures, the Main Post Tunnels and the depressed roadway east of the Main Post Tunnels. Large post-liquefaction settlements may occur in these areas.
- There is some indication for potential for liquefaction in the area of the proposed high-viaduct (between stations 9+50 and 11+30). Future soil investigations are required to address the issue more definitively.
- Due to the ongoing remedial actions at various locations at the Presidio Army Base, major portion of the hazardous materials at the site are expected to be removed prior to start of construction. Nevertheless, some hazardous/contaminated materials are still likely to be encountered:
 - Friable asbestos and other chemicals from demolition of buildings
 - Naturally occurring asbestos in the serpentine at the western end of the site likely to be encountered during excavation for foundations for the high-viaduct and other structures
 - Elevated levels of lead contamination near the area of the high-viaduct
- The proximity of the project site to San Francisco Bay and the past existence of a tidal marsh strongly suggest a highly corrosive environment.
- There is a slide repair immediately north of the west abutment of the low-viaduct.

SECTION 2: INTRODUCTION

The San Francisco County Transportation Authority (SFCTA) is proposing to replace Doyle Drive, a 2.4-kilometer (1.5-mile) stretch of Highway 101 extending from Marina Boulevard and Lombard Streets to the southern approach of the Golden Gate Bridge. As shown in Figure 1, Doyle Drive lies entirely within the Presidio, which in 1994 was transferred from the U.S. Army to the National Park Service and is now part of the Golden Gate National Recreation Area (GGNRA). In July 1998, management of the non-coastal portions of the Presidio (known as Area B) was transferred to the Presidio Trust (the Trust). Doyle Drive lies predominantly within the Trust managed lands. The existing structure includes an approximately 463-meter (1,520-foot) long high-viaduct near the western end and an approximately 1,137-meter (3,730-foot) long low-viaduct at the eastern end.

2.1 OBJECTIVE AND SCOPE OF REPORT

This Final Preliminary Geotechnical Report has been prepared as a part of the Doyle Drive Environmental and Design Study (Design Study) with the specific aim of:

- Update the geotechnical analysis to reflect the current alternatives, including the Presidio Parkway that was introduced after the publication of the previous report (April, 2002).
- Providing sufficient geotechnical information from existing sources to allow the assessment of the environmental impacts, constructability and preliminary construction costs for the subsurface structural elements (structure foundations, tunnel section designs, limits of hazardous materials, etc.) for the acceptable alternatives;
- Identifying areas or conditions that will require additional subsurface investigations for final design;
- Addressing the technical content and topics required by the State of California Department of Transportation (Caltrans); and
- Providing preliminary design recommendations for deep foundations, tunnel structures, retaining walls and other pertinent geotechnical issues. Two of the tunnels will be shallow cut-and-cover and two other tunnels will be at-grade concrete box construction.

A Draft Preliminary Materials and Foundation Report, based solely on available existing reports, boring logs, as-built drawings and a reconnaissance of the project site was presented in July, 2000. Subsequently, a limited subsurface investigation program was performed in February 2001 to obtain additional groundwater and geotechnical data to allow a more accurate estimate of bedrock depths, liquefaction potential and hydrologic conditions in the Tennessee Hollow and East Bluff areas for purposes of alternative evaluations and cost estimating. The investigations at Tennessee Hollow assumed particular significance for the alternatives being considered at that time, since the potential for disturbance of the hydrogeologic regime at Tennessee Hollow is a very sensitive issue. A Final Preliminary Geotechnical Report was then presented in April, 2002, which incorporated the field investigation results. The report also presented the several alternatives being considered at that time (involving bridges and deeper tunnels, including across Tennessee Hollow), which have subsequently been dropped in favor of the now preferred Presidio Parkway alternative.

Additional subsurface investigations will be required to complete the final design.

2.2 BACKGROUND

Doyle Drive is located in the Presidio of San Francisco (the Presidio), in the northern part of the City of San Francisco at the southern approach to the Golden Gate Bridge (see Figure 1). In 1994, when the US Army transferred jurisdiction of the Presidio to the National Park Service (NPS), it became part of the National Park system and Golden Gate National Recreation Area (GGNRA). In 1998, management of the Presidio was divided between two federal agencies: The Presidio Trust (the Trust), the agency responsible for oversight of 80 percent of the Presidio delineated as Area B; and the NPS, which is responsible for management of the coastal portions of the park (the remaining 20 percent) that are delineated as Area A. Doyle Drive lies

predominately within the Area B lands managed by the Trust with a small portion at the western end located in Area A on land operated by the Golden Gate Bridge, Highway and Transportation District (GGBHTD). The Presidio has also been designated a National Historic Landmark District (NHLD) since 1962 with the Doyle Drive roadway determined to be a contributing element to that landmark.

Doyle Drive, the southern approach of US 101 to the Golden Gate Bridge, is 2.4 kilometers (1.5 miles) long with six traffic lanes. There are three San Francisco approach ramps which connect to Doyle Drive: one beginning at the intersection of Marina Boulevard and Lyon Street; one at the intersection of Richardson Avenue and Lyon Street; and one where Park Presidio Boulevard (State Route 1) merges into Doyle Drive approximately 1.6 kilometers (one mile) west of the Marina Boulevard approach (see Figure 1). Doyle Drive passes through the Presidio on an elevated concrete viaduct (low-viaduct) and transitions to a high steel truss viaduct (high-viaduct) as it approaches the Golden Gate Bridge Toll Plaza.

Doyle Drive is nearly 70 years old and it is approaching the end of its useful life, although regular maintenance, seismic retrofit, and partial rehabilitation activities are keeping the structure safe in the short term. However, further structural degradation caused by age and the effects of heavy traffic and exposure to salt air will cause the structures to become seismically and structurally unsafe in the coming years. In addition, the eastern portion of the aging facility is located in a potential liquefaction zone identified on the State of California Seismic Hazard Zones map dated August 2000.

Currently, Doyle Drive has nonstandard design elements, including travel lanes from 2.9 to 3.0 meters (9.5 to 10.0 feet) in width, no fixed median barrier, no shoulders and exit ramps that have tight turning radii. During peak traffic hours, plastic pylons are manually moved to provide a median lane as well as to reverse the direction of traffic flow of several lanes (Project Study Report: Doyle Drive Reconstruction, 1993).

2.3 CURRENT STUDY

A number of alternatives for Doyle Drive have been identified through a review of previous studies, public and agency input at scoping meetings and consideration by the study team. The following are the objectives and criteria adopted for the project:

- The rebuilding of the Doyle Drive will generally be along the current alignment;
- The setting for the project will conform to the Presidio as a national historic district;
- The new route will be designed as a scenic parkway with aesthetic features that will complement the park environment;
- Important historic buildings along the project route will be protected, where feasible;
- The lanes and the shoulders will typically be widened to meet current traffic safety standards
- The high-viaduct and the low-viaduct will be replaced;
- Tunnel(s) will be constructed to integrate the upper and lower sections of the Presidio
- Measures will be taken to minimize the impacts to the hydrogeologic regime in the Eastern Bluff and the Tennessee Hollow areas; and
- A Transit Center will be constructed on or adjacent to the new Doyle Drive Parkway to increase transit service levels within the park and provide a hub for the proposed Presidio shuttle service.

SECTION 3: PERTINENT REPORTS AND INVESTIGATIONS

This report has been primarily compiled from soils reports produced for construction of the existing Doyle Drive, from several more recent reports prepared for the U.S. Army for buildings in the Presidio, and from soils investigations performed for the Crissy Field restoration. The most recent data presented here is derived from a supplemental subsurface investigation program performed by Taber Consultants in February 2001 for the Doyle Drive Environmental and Design Study to obtain groundwater and soils data needed to better assess bedrock depths, liquefaction potential and hydrologic conditions in the Tennessee Hollow and East Bluff areas. The following documents have been used in preparing this report:

Apex Environmental Recovery, Inc., 1994, "Report, Site Investigation, Route 101 Presidio Viaduct/Doyle Drive, Route 1 Presidio Viaduct Ramp, Marina Viaduct, San Francisco, California", prepared for California, Dept. of Transportation, District 4, August, 1994

Baseline Environmental Consulting, "Revised Hydrology and Water Resources Technical Report, Doyle Drive Reconstruction Project", for Parsons Brinckerhoff, September, 2004

Baseline Environmental Consulting, "Revised Preliminary Site Investigation, Doyle Drive Reconstruction Project", for Parsons Brinckerhoff, September, 2004

Dames & Moore, 1997, "Final Remedial Investigation Report, Presidio Main Installation, Presidio of San Francisco" submitted to U.S. Army Environmental Center, Maryland, Contract No. DAAA15-90-D-0018, January, 1997

Environmental Science Associates (ESA), 2004, "Final Natural Environmental Study Doyle Drive Reconstruction Project", for Parsons Brinckerhoff, September, 2004

Golden Gate Bridge and Highway District of California, 1933, "Presidio Road Boring Diagram (Sheet A-11)", September 23, 1933

Golden Gate National Recreation Area, California (GGNRA), 1994, "Creating a Park for the 21st Century from military post to national park", Final General Management Plan Amendment, Presidio of San Francisco (GMPA), July, 1994

Harlan Tait Associates (HTA), 1998, "Geotechnical Investigation, Crissy Field, San Francisco, California", prepared for Golden Gate National Parks Association, June, 1998

IT Corporation, 1997, "Site Investigation Report, Buildings 207/231, Presidio of San Francisco, California", submitted to U.S. Army Corps of Engineers, Sacramento, Contract No. DACW05-95-D-0001, December, 1997

Montgomery Watson, 1994, "Draft, Building 637, Additional Site Investigation Report, Presidio of San Francisco, San Francisco, California", prepared for U.S. Army Corps of Engineers, Sacramento, California, Contract No. DACA05-93-0069, May 1994

Ove Arup & Partners California Ltd., 2004, "South Access to the Golden Gate Bridge, Doyle Drive SPUR Alternative Feasibility Study", Final Report to San Francisco County Transportation Authority, March 2004.

San Francisco Guideway Associates, 1996a, "Final Report, Doyle Drive Intermodal Study", prepared for SFCTA, November, 1996

San Francisco Guideway Associates, 1996b, "Technical Appendix, Doyle Drive Intermodal Study", prepared for SFCTA, November, 1996

Taber Consultants, 2001, "Summary of Exploration and Testing, Doyle Drive Reconstruction Project, San Francisco, CA", for Parsons Brinckerhoff Quade & Douglas, Inc., March, 2001

Treadwell and Rollo, 2001, "Geotechnical Investigation, Letterman Digital Center at the Presidio, San Francisco, California", Report to Conversion Management Associates, Inc., San Francisco, California, August, 2001.

U.S. Army Corps of Engineers (Sacramento District), 1971, "Presidio of San Francisco, California, Western Medical Institute of Research, (As Built) – Sheet G4 (Site Area Map) and Sheets C3&C4 (Exploration Logs)", May 1971

U.S. Army Corps of Engineers (Sacramento District), 1987, "Presidio of San Francisco, Commissary Building, Boring Log (Sheets B1.1 through B1.5)", June 1987

SECTION 4: PROJECT ALTERNATIVES AND EXISTING FACILITIES

4.1 EXISTING FACILITIES

The proposed area of construction principally consists of a corridor along the existing alignment of Doyle Drive. It also includes the Highway 1/Highway 101 Interchange and ramps (both inbound and outbound) to Richardson Avenue and Marina Boulevard. This portion of Highway 101 is a 6-lane highway with three lanes in each direction and no median. Plastic pylons have been used since 1968 during commute hours to reverse the direction of one of the center lanes, thereby adding an extra lane in the major commute direction at the time.

The 2.4-kilometer (1.5-mile) stretch includes an approximately 463-meter (1,520-foot) long high-viaduct. The high-viaduct has a concrete deck supported on steel trusses; the trusses in turn are supported on 18 concrete bents, supported at the ground surface. The maximum distance between the deck and ground surface is about 27 meters (90 feet). There is also a low-viaduct, approximately 1,137 meters (3,730 feet) long, near the east end of the route. The maximum deck distances from the ground surface are about 15 meters (50 feet) for the low-viaduct. Both of the viaducts were retrofitted in 1995-96 to satisfy the current seismic design requirements for Caltrans. Presently, there are no tunnels along the stretch of interest.

The entire route of interest to this project passes essentially through the Presidio. As has been noted earlier, the Presidio was an Army Base from 1848 to 1994. Old structures and other facilities once belonging to the U.S. Army are present all along the subject route, as may be seen from the map in Figure 3. Of particular significance to this project are the San Francisco National Military Cemetery and the Main Post buildings.

The project area is generally about 305 meters (1,000 feet) from the San Francisco Bay shoreline. Most of the area north of the alignment is occupied by what is known as Crissy Field. Crissy Field was an Army airfield until 1974. A major project has recently been completed in the Crissy Field area, which included, among other improvements, the restoration of a historic tidal marsh that originally occupied the area.

4.2 PROJECT ALTERNATIVES

The build alternatives for the Doyle Drive Project were developed with input from public scoping and reflected the parkway concept that evolved from previous studies. Through the screening analysis, six alternatives were selected for consideration in the Administrative DEIS/DEIR: Alternative 1, No-Build; Alternative 2, Replace and Widen; Alternatives 3a and 3b, Long Tunnels; and Alternatives 4a and 4b, Short Tunnels.

Subsequent to the Administrative DEIS/DEIR in 2002, a fifth alternative, the Presidio Parkway, was added to the list of alternatives for more detailed study. In comparison to the tunnel alternatives it was determined that Alternative 5, Presidio Parkway, would provide all the benefits and functions of Alternatives 3a, 3b, 4a, and 4b with less cost, construction duration and environmental impact. Hence, in November 2003 the four tunnel alternatives were recommended to be removed from further consideration and analysis in the DEIS/DEIR.

At a public meeting held in February 2004, the public agreed with the decision to drop Alternatives 3a, 3b, 4a, and 4b and retain Alternative 1, No-Build, Alternative 2, Replace and Widen, and Alternative 5, Presidio Parkway for consideration in the DEIS/DEIR.

This section describes the build alternatives in terms of physical and operating characteristics and a No-Build Alternative. As shown in Figure 1, the project limits are from Merchant Road, just south of the Golden Gate Bridge Toll Plaza, to the intersection of Richardson Avenue/Francisco Street and Marina Boulevard/Lyon Street. During the screening process, all alternatives were evaluated for their ability to meet the project's Purpose and Need. Detailed drawings showing the plan and profile of each alternative are presented in Figures 2A through 2E.

4.2.1 Alternative 1: No-Build Alternative

The No-Build Alternative represents the future year conditions if no other actions are taken in the study area beyond what is already programmed by the year 2020. The No-Build Alternative provides the baseline for existing environmental conditions and future travel conditions against which all other alternatives are compared.

Doyle Drive would remain in its current configuration, with six traffic lanes ranging in width from 2.9 to 3.0 meters (9.5 to 10 feet) and an overall facility width of 20.4 meters (67 feet) (see Figure 2A). There are no fixed median barriers or shoulders. The lane configuration is changed by manually moving plastic pylons to increase the number of lanes in the peak direction of traffic. The facility passes through the Presidio on a high steel truss viaduct and a low elevated concrete viaduct with lengths of 463 meters (1,519 feet) and 1,137 meters (3,730 feet), respectively. This alternative does not improve the seismic, structural, or traffic safety of the roadway.

Vehicular access to the Presidio is available from Doyle Drive via the off-ramp to Merchant Road at the Golden Gate Bridge Toll Plaza. Presidio access at the east end of the project will be provided for southbound traffic via a right turn from Richardson Avenue to Gorgas Avenue. Presidio access for northbound traffic will be provided by a slip ramp from Richardson Avenue to Gorgas Avenue, which is currently under construction.

4.2.2 Alternative 2: Replace and Widen Alternative

The Replace and Widen Alternative would replace the 463-meter (1,519-foot) high-viaduct and the 1,137-meter (3,730-foot) low-viaduct with wider structures that meet the most current seismic and structural design standards (see Figures 2B and 2C). The new facility would be replaced on the existing alignment and widened to incorporate improvements for increased traffic safety.

This alternative would include either six 3.6-meter (12-foot) lanes and a 3.6-meter (12-foot) eastbound auxiliary lane with a fixed median barrier or six 3.6-meter (12-foot) lanes with a moveable median barrier. The new facility would have an overall width of 38.0 meters (124 feet). The fixed median barrier option would require localized lane width reduction to 3.3 meters (11 feet) to avoid impacts to the historic batteries and Lincoln Boulevard, reducing the facility width to 32.4 meters (106 feet). Both options would include continuous outside shoulders along the facility. At the Park Presidio interchange, the two ramps connecting eastbound Doyle Drive to Park Presidio Boulevard and the ramp connecting westbound Doyle Drive to southbound Park Presidio Boulevard would be reconfigured to accommodate the wider facility. The Replace and Widen Alternative would operate similar to the existing facility except that there would be a median barrier and shoulders to accommodate disabled vehicles.

The Replace and Widen Alternative includes two options for the construction staging:

No Detour Option (Figure 2B) – The widened portion of the new facility would be constructed on both sides and above the existing low-viaduct and would maintain traffic on the existing structure. Traffic would be incrementally shifted to the new facility as it is widened over the top of the existing structure. Once all traffic is on the new structure, the existing structure would be demolished and the new portions of the facility would be connected. To allow for the construction staging using the existing facility, the new low-viaduct would be constructed two meters (six feet) higher than the existing low-viaduct structure.

With Detour Option (Figure 2C) - A 20.4-meter (67-foot) wide temporary detour facility would be constructed to the north of the existing Doyle Drive to maintain traffic through the construction period. Access to Marina Boulevard during construction would be maintained on an elevated temporary structure south of Mason Street. On and off ramps to the mainline detour facility would be located near the Post Exchange (PX) building.

Vehicular access to the Presidio is available from Doyle Drive via the off-ramp to Merchant Road at the Golden Gate Bridge Toll Plaza. Presidio access at the east end of the project will be provided for southbound traffic via a right turn from Richardson Avenue to Gorgas Avenue. There would be no Presidio access for northbound traffic at the east end of Doyle Drive due to geometric constraints and concerns for traffic safety.

4.2.3 Alternative 5: Presidio Parkway Alternative

The Presidio Parkway Alternative would replace the existing facility with a new six-lane facility and an eastbound auxiliary lane between the Park Presidio interchange and the new Presidio access at Girard Road (see Figures 2D and 2F). The new facility would have an overall width of up to 45 meters (148 feet), and would incorporate wide landscaped medians and continuous shoulders. To minimize impacts to the park, the footprint of the new facility would include a large portion of the existing facility's footprint east of the Park Presidio interchange. A 450-meter (1,476-foot) high-viaduct would be constructed between the Park Presidio interchange and the San Francisco National Cemetery. Shallow cut-and-cover tunnels would extend 240 meters (787 feet) past the cemetery to east of Battery Blaney. The facility would then continue towards the Main Post in an open depressed roadway with a wide, heavily landscaped median. From Building 106 (Band Barracks) cut-and-cover tunnels up to 310 meters long (984 feet) would extend to east of Halleck Street. The facility would then rise slightly on a low level causeway 160 meters (525 feet) long over the site of the proposed Tennessee Hollow restoration and a depressed Girard Road. East of Girard Road the facility would return to existing grade north of the Gorgas warehouses and connect to Richardson Avenue.

The Presidio Parkway Alternative would include an underground parking facility at the eastern end of the project corridor between the Mason Street Warehouses, Gorgas Street Warehouses and Palace of Fine Arts. The parking garage would supply approximately 500 spaces to maintain the existing parking supply in the area and improve pedestrian and vehicular access between the Presidio and the Palace of Fine Arts.

At the intersection with Merchant Road, just east of the toll plaza, a design option has been developed for a Merchant Road slip ramp. This option would provide an additional new connection from westbound Doyle Drive to Merchant Road. This ramp would provide direct access to the Golden Gate Visitors' Center and alleviate the congested weaving section where northbound Park Presidio Boulevard merges into Doyle Drive.

The Park Presidio interchange would be reconfigured due to the realignment of Doyle Drive to the south. The exit ramp from eastbound Doyle Drive to southbound Park Presidio Boulevard would be replaced with standard exit ramp geometry and widened to two lanes. The loop of the westbound Doyle Drive exit ramp to southbound Park Presidio Boulevard would be improved to provide standard exit ramp geometry. The northbound Park Presidio Boulevard connection to westbound Doyle Drive would be realigned to provide standard entrance ramp geometry. There are two options for the northbound Park Presidio Boulevard ramp to an eastbound Doyle Drive connection:

Option 1: Loop Ramp - Replace the existing ramp with a loop ramp to the left to reduce construction close to the Calvary Stables and provide standard entrance and exit ramp geometry.

Option 2: Hook Ramp - Rebuild the ramp with a similar configuration as the existing ramp with a curve to the right and improved exit and entrance geometry.

The Presidio Parkway Alternative includes two options for direct access to the Presidio and Marina Boulevard at the eastern end of the project:

Diamond Option (Figure 2E) – Direct access to the Presidio and Marina Boulevard in both directions is provided by the access ramps from Doyle Drive connecting to a grade-separated interchange at Girard Road. East of the new Letterman garage, Gorgas Avenue is a one-way street and connects to Richardson Avenue with access to Palace Drive via a signalized intersection at Lyon Street.

Circle Drive Option (Figure 2F) – The Circle Drive Option provides direct access to the Presidio and Marina Boulevard for eastbound traffic by access ramps connecting to a grade-separated interchange of Girard Road. Westbound traffic from Richardson Avenue would access the Presidio and Palace Drive through a jug handle intersection with Gorgas Avenue.

SECTION 5: PHYSICAL SETTING

5.1 CLIMATE

The climate of San Francisco is characterized as dry-summer subtropical, with cool wet winters and relatively warmer dry summers. The average maximum temperature is 62.1 degrees Fahrenheit and the average minimum temperature is 49.3 degrees Fahrenheit. The mean annual rainfall in the vicinity of the project site, for the period between 1914 and 2000, is approximately 50 centimeters (20 inches) (Western Regional Climate Center). Analysis of long-term precipitation records indicates that wetter and drier cycles lasting several years are common in the region.

5.2 TOPOGRAPHY AND DRAINAGE

The area occupied by the Presidio is generally hilly, sloping down northwards to the Crissy Field area. Crissy Field is generally flat, with elevations ranging from 2.7 to 3.7 meters (9 to 12 feet) above mean sea level. In the western half of the project route, two bluffs rise steeply to about 25 meters (80 feet). The two bluffs are separated by an 18-meter (60-foot) deep, 460-meter (1,500-foot) wide valley, which is spanned by the high-viaduct. The eastern half of the route is relatively flat.

Along the 2.4-kilometer (1.5-mile) project route, ground surface elevations range from less than 6 meters (20 feet) near the eastern end at the Marina Boulevard to about 60 meters (200 feet) just west of the Hwy 1/Hwy 101 interchange. At the western end, the project route is on high ground, south of the bluffs, depressing to the lower elevations after crossing the eastern bluff.

The western half of the alignment is on natural terrain. The flat eastern half of the route is generally located on fill. Extensive fill placement along the shoreline occurred in the 1960s (Harlan Tait, 1998).

A map of 'Seismic Hazard Zones' for the City and County of San Francisco (CDMG, 2000) indicates landslide potential at two locations of potential interest to the project: (a) on the Western Bluff, starting from near the western end of the high-viaduct, going westward; and (b) a narrow zone along the northern edge of the Eastern Bluff, about 61 meters (200 feet) from the present Doyle Drive alignment. Neither of these two locations is close enough to the proposed alignment to be of significance to the project. Fractured rock is evident in the slope face in the Eastern Bluff down slope from the National Cemetery. Also evident in the same general area is a slide repair immediately north of the west abutment of the low-viaduct.

Except for the Crissy Field area on the edge of the Bay, the rest of the area, unless built up, is vegetated, including many tall trees and wooded areas.

There are three main watersheds within the Presidio comprising an area of approximately 550 hectares (1,360 acres): the Lobos Creek watershed; the western coastal watershed; and the San Francisco Bay watershed. The 354-hectare (875-acre) San Francisco Bay watershed drains to the San Francisco Bay and is of particular interest to the present project (Baseline, 2004). Open spaces in the project generally drain by overland flow and open channels; in urbanized areas, the storm water and sewer are carried by the Presidio Storm Drain System. The Doyle Drive corridor crosses all of the 14 drainage basins that make up the San Francisco Bay watershed. The Doyle Drive alignment crosses Tennessee Hollow, the largest of the basins, in the northern portion of the watershed. The current flow estimates for 100-year storms in the Tennessee Hollow basin are in the range of 240 to 289 cfs. The Presidio Trust Management Plan (PTMP) directs the Trust to:

“Restore a functioning stream ecosystem with associated riparian and wetland habitats; improve the quality of freshwater flows into Crissy Marsh; improve management practices in the surrounding watershed; protect and enhance cultural and archaeological resources; provide recreational, educational, and interpretive opportunities; and adapt existing infrastructure to support the restoration”.

5.3 PRIOR LAND USAGE

The Presidio site was initially established in 1776 by the Spanish as a military installation, but was only slightly used for a long time. The site came under Mexican rule in 1822 but was not significantly developed until U.S. occupation in 1848. From 1848 to 1994 the Presidio served as a mobilization and embarkation point during several overseas conflicts. It has also served as a medical debarkation center and for coastal defense for the San Francisco Bay Area. Maintenance and repair of vehicles, aircraft and base facilities are some of the industrial operations formerly associated with the Presidio. The Crissy Field area was originally a marshy area and was used as a dumping ground for debris and refuse from the Presidio and other sources. It was filled in 1912, used as a racetrack and as the site for the Panama Pacific Exposition in 1915 and finally as an army airfield until 1974.

The construction of the Doyle Drive connection to the Golden Gate Bridge (presently part of Hwy 101) was completed in 1936.

In 1994 the U.S. Army closed its operations at the Presidio and transferred the property to the National Park Service. Per the Base Closure and Realignment Act, the site was required to undergo contaminated site investigations. Several extensive studies have been conducted for various areas at the site to address the potential contamination of the soils and the groundwater in these areas.

5.4 NATURAL AND MAN-MADE FEATURES OF ENGINEERING AND CONSTRUCTION SIGNIFICANCE

5.4.1 Natural Features

The major natural feature of significance to the project is the Tennessee Hollow drainage, which crosses the alignment in the area of Halleck Street. As noted earlier in Section 5.2, Tennessee Hollow is the largest basin crossed by the proposed alignment. It is also one of the Presidio's primary drainages. In addition, Tennessee Hollow serves as the upland drainage system for the former wetlands at Crissy Field, which, as part of the PTMP has been reestablished into what is now known as Crissy Marsh.

The PTMP also calls for the riparian corridor along Tennessee Hollow to be restored to reestablish a more natural drainage system to feed the restored wetlands at Crissy Field. This will involve fill removal, storm drain removal and revegetation with native species. Historic vistas will be restored by clearing non-historic forested areas.

The restoration of Tennessee Hollow takes on added significance due to its association with the former wetlands at Crissy Field. The wetlands restoration is part of the plan to upgrade the Crissy Field Area, to its original appearance, rehabilitation of historic buildings, restoration and preservation of native plant communities in the serpentine outcrop and extension of the native dune system along the bayshore.

Another feature of importance is the Eastern Bluff. Per the PTMP, "The coastal Bluffs will be preserved as the wildest part of the Presidio landscape, where geology, wind and water shape the land and make the forces felt." The PTMP also states: "The Presidio contains some fragile geologic resources, including the Colma Formation dunes, and the serpentine outcrops and bluffs at Inspiration Point and south of Crissy Field. The Presidio Trust would protect and monitor unique geologic and subsurface hydrologic resources and functions". Removal of the subsurface materials is a required activity for tunnel construction for Alternative 5 – the impact is significant, but unavoidable. The Natural Environmental Study for the project (ESA, 2001) indicates that the existing plants on the bluff slopes include coast rock cress, Franciscan thistle, San Francisco wallflower and San Francisco gumplant. All of these plants are considered 'Special Status Species' in the report. In addition, the gumplant and the thistle occur in serpentine soils; thereby they are marked for resource management by the PTMP by minimizing disturbance.

A further factor deserving attention is the vegetation on the slopes of the bluff downslope from the National Cemetery. According to the project Hydrology Report (Baseline, 2001), the vegetation is 'indicative of near-

surface high moisture and/or saturated conditions'. It is thus inferred in the Hydrology and Water Resources Report (Baseline, 2004) that the bluffs must be supported by a continuous source of groundwater which may be disrupted by the construction of the tunnel unless special design measures are taken.

5.4.2 Man-Made Features

Besides the two existing viaducts, other man-made features of significance in close proximity to the project are:

- The Main Post Buildings 104, 105, 106, 107 near the Main Parade Ground;
- The San Francisco National Military Cemetery;
- The Batteries on the Eastern Bluff
- The Commissary and PX Buildings
- The Gorgas Warehouses
- The Mason Street Warehouses
- The Crissy Center
- Halleck Street Buildings 201, 204

Most of the features are shown in Figure 3.

SECTION 6: GEOLOGY

6.1 REGIONAL GEOLOGY

The project site location falls in the Coast Range geomorphic province, which is characterized by a series of nearly parallel mountain ranges that trend obliquely to the coast in a northwesterly direction. This trend in direction is emphasized by the alignment of the fault zone, the fold axes and geologic units.

The San Francisco Bay Area as it is known today came into existence in mid- to late Pleistocene era. Like all other areas of California, a long record of seismic activity characterizes the geologic history of the San Francisco area. In addition, the area has been strongly influenced by changes related to the Pleistocene glaciers and the presence of the San Francisco Bay trough, resulting in variable thicknesses of recent deposits of soft to medium stiff Holocene clays (Bay Mud), an older, stiffer Pleistocene clay (Old Bay Clay) and sand deposits.

6.2 SITE SPECIFIC GEOLOGIC CONDITIONS

Within the Doyle Drive corridor, the varying topography along the 2.4-kilometer (1.5-mile) project route is the result of a diverse range of geologic conditions. Shallow bedrock of the Franciscan Formation, a heavily folded and sheared assemblage of graywacke, shale, sandstone, chert, and serpentinite generally dominate the higher elevations at the western end. Overburden soils in these regions are made up of artificial fill, slope debris and ravine fill and/or by the Colma Formation, an unconsolidated to weakly consolidated fine- to medium-grained sand unit with clay beds. The lower elevations on the eastern side reflect an estuarine deposition environment, such as in the Crissy Field area, where the bedrock is significantly deeper. The surficial soils in this area are dune and beach sands and soft clayey silt layers. These soils are generally underlain by the Colma Formation, which generally overlies the bedrock. Significant thicknesses of Bay Mud and Old Bay Clay have not been found in this area (Goldman, 1969). A site geological map excerpted from the U.S. Geological Survey San Francisco North Quadrangle by Schlocker (1974) is provided in Figure 4.

A particularly significant feature of this area noted by Harlan Tait Associates (1998) is the past presence of an extensive tidal marsh separated from the Bay by a beach and dunes. The area, which extends from Crissy Field in a southeasterly direction towards Lombard Street and underlies Doyle Drive east of the Post Commissary Building, was filled in 1912. The approximate extents of this "Historic Marsh Area" were identified from old photographs by Harlan Tait Associates (1998) as part of the investigations performed for the Crissy Field Restoration Project and are presented in their report as Figure 1. Soil borings within the area show very soft to soft-greenish gray clayey silts heterogeneously interlayered with thicker Beach/Dune Sand layers. This is attributed to the active tidal marsh and beach depositional environment. The hydraulically placed fill consists of loose sands with variable amounts of silt and clay.

6.2.1 Bedrock

The basement rocks in the project area belong to the Franciscan Formation. Lithologically, the Franciscan Formation is dominated by graywackes, derived from rapid erosion of volcanic highland and deposited in deep marine basins in the late Jurassic to mid-Cretaceous period. The graywackes are composed mainly of quartz and plagioclase feldspar, with a chlorite-mica matrix, which gives it the dark greenish color. The graywackes are interbedded with dark shale and occasional limestone.

All Franciscan rocks have been intruded by ultrabasic igneous rocks like serpentinitized peridotite (serpentine). The bedrocks revealed by the borings (see Chapter 7.0) indicate exclusively serpentine west of Station 10+84. Sandstones and shale were encountered east of that point.

6.2.2 Overburden Soils

As may be expected, a wide variety of materials occur above the bedrock, based on the geologic setting. The soils are described below.

6.2.2.1 Artificial Fill (Qaf)

Predominantly dune sand, but includes silt, clay, rock wastes from excavations, manmade debris and organic waste. Hydraulically placed loose sand with variable amounts of fines present at the site of the former tidal marsh. Hydraulic fill is overlain with gravelly, clayey sand in most of the former airfield areas. The existing fill often contains construction debris, generally supported in a sand matrix.

6.2.2.2 Colluvium

Per the USGS geologic map shown in Figure 4 (Schlocker, 1974), these materials (designated by Schlocker as Slope Debris and Ravine Fill) are present on the surface at the western end of the route to about the Hwy 1/Hwy 101 interchange. The descriptions presented in that report indicate that this formation consists of rock fragments in a sand, silt and clay matrix; generally light yellow to reddish brown. They generally are designated as CL, SM, or SC under the Unified Soil Classification system. The descriptions above generally agree with the findings in the soil borings.

6.2.2.3 Beach and Dune Sand

These materials occur at shallow depths in the lower elevations, in particular, in the Tidal Marsh area. They are generally poorly sorted (e.g., SP), well rounded and medium to coarse grain size. The Beach Sand is divided into Older and Modern units, according to the time of deposition. The Modern unit is generally loose and is present in the upper 3 to 6 meters (10-20 feet). The underlying Older unit is medium dense to dense.

6.2.2.4 Bay Mud

The materials classified as Bay Mud along the project route are not the thick, soft, medium-to high plasticity clays found elsewhere along the Bay and traditionally referred to as Young Bay Mud. The Bay Muds encountered in the project area are typically clayey silts, greenish gray to dark gray, and generally soft, becoming medium stiff with depth. The Bay Mud generally is not expected to occur outside the limits of the Historic Tidal Marsh and where present, is limited to 1.5 to 3-meter (5 to 10-foot) layers near the top 9 meters (30 feet).

6.2.2.5 Colma Formation

The geologic map by Schlocker indicates the presence of the Colma Formation at the surface over some sections of the project route, particularly in the area of the western tunnel, above the bluff. They appear to have been deposited mostly by water and gravity in a variety of coastal environments. Per Schlocker, the Colma Formation materials are light brown to orange fine to medium sand with minor amounts of clay (mostly SP). Subsurface investigations at the present site discussed in the next chapter, however, indicates a significant presence of clayey sands in several borings (GB-4, GB-5, HGB-2).

6.2.3 Groundwater

Groundwater data as encountered in the soil borings both from available data and from the recent Preliminary Investigations are presented in Section 7.0, in the boring logs provided in the appendices, and in the Hydrology and Water Resources Technical Report for the project (Baseline, 2004). Per the Hydrology Report (Baseline, 2004), groundwater is present at depths ranging from near the surface (at El Polin Springs, which is 900 meters south of the alignment) to more than 15 meters (50 feet) below ground surface in the hilly uplands. Groundwater occurs in both unconsolidated sediments and underlying bedrock (essentially in the fractures).

The quality of the groundwater resulting from past activities at the site (e.g. hazardous materials releases) is presented in the Revised Preliminary Site Investigation, (Baseline, 2004). Saltwater intrusion into shallow groundwater appears to be restricted to the near-shore areas (Baseline, 2004).

Per the hydrology report (Baseline, 2004), the vegetation on the bluff slopes below Doyle Drive (between McDowell Avenue and the eastern edge of the cemetery) includes several species indicative of near-surface high moisture and/or saturated conditions. Also, per the report, several places on the slope currently support relatively dense growth of high water need plants, and indicate the presence of springs. The locations of the vegetations noted above would indicate near surface groundwater flow through the Franciscan bedrock.kb

Additional field investigations and associated laboratory testing were performed on the groundwater regime in the Tennessee Hollow and Crissy Field areas. An upward gradient was noted in the vicinity of Tennessee Hollow. There appears to be three distinct aquifers in the Tennessee Hollow area, separated by thin layers of aquitards. Other findings and additional details are described in detail in the project hydrology report (Baseline, 2004).

6.3 TECTONIC SETTING

According to plate tectonic theory, California's mountains have been produced chiefly by the collision of the east moving Pacific plate and the west drifting North American plate. In fact, interpretations of Coast Range geology have been greatly affected by plate tectonics. A dominant feature of the Coast Range province tectonic landscape is the San Andreas Fault. The known length of the San Andreas is about 1,200 kilometers (750 miles). It was the source of the great 1906 San Francisco earthquake and several significant earthquakes since then.

California's reputation as earthquake country is based on the earthquakes generated by the movements along the numerous faults across the state. It is believed that the major faults mapped in the Bay Area are all parts of the San Andreas Fault system. This system consists of a number of northwest-trending faults that have developed in a similar tectonic stress regime: a right-lateral transform plate boundary. The activity of these faults (e.g., magnitude of earthquakes, types of ground motions produced, earthquake return periods) has been studied extensively over the years and serves as the basis for the current methods of earthquake resistant design.

A Seismic Hazard Map for the state of California has been developed by Caltrans (Caltrans, 1996), with a companion report for use in seismic design, primarily for bridges. The map presents all of the known faults and their associated Maximum Credible Earthquakes (MCEs). The MCEs represent moment magnitudes (the older measured magnitudes are usually in the Richter scale). Also presented in the map are contours of Peak Rock Accelerations associated with the MCEs, for the entire state. The companion report provides additional information on the characteristics of the faults, selection criteria for the faults and other pertinent information. Per the Caltrans companion report (Caltrans, 1996), a deterministic approach based on MCEs is preferred, since 'earthquake cycles are conceptual and not fixed'. Geological and historical records have revealed that earthquakes do not occur in cycles like clockwork and the nature of the timing of future earthquakes is fundamentally unknown'. No attempt is thus made in the companion report to evaluate the

recurrence intervals of the earthquakes. Design recommendations are based on a deterministic approach using the MCE as is the current state-of-practice for standard Caltrans projects.

The portion of the Caltrans Hazard map that covers the project site is shown in Figure 4. The map shows the project site to be:

- 9 to 10.5 kilometers (5.5 to 6.5 miles) from the San Andreas Fault
- 13 to 14.5 kilometers (8.0 to 9.0 miles) from the San Gregorio Fault
- 19.5 to 21 kilometers (12.0 to 13.0 miles) from the Hayward Fault.

No known faults cross the project site. Referring to Figure 5, the Peak Rock Acceleration at the project site is shown as 0.5g.

A brief description of the three faults governing the seismic risks at the Presidio site is presented below.

6.3.1 San Andreas Fault

The massive San Andreas Fault is clearly the dominant presence from the project seismic design standpoint. Over 1300 kilometers (800 miles) long, the San Andreas Fault slices through California from the Mendocino coast to the desert near the Salton Sea. Four moderate to large earthquakes have occurred over the last 160 years (historical period):

<u>Date</u>	<u>Magnitude (Richter)</u>
June, 1838	7
10 October, 1865	6.3
18 April, 1906	8.3
17 October, 1989	6.9

In the great San Francisco earthquake of 1906, the San Andreas Fault is reported to have ruptured a total length of 430 kilometers (270 miles), from Shelter Cove to San Juan Bautista. An average fault displacement of 4.9 meters (16 feet) has been reported. Subsequent evaluations indicate a Moment Magnitude of 7.9 for the great San Francisco earthquake of 1906.

In the Seismic Hazard Map (Caltrans, 1996), the San Andreas Fault is shown as seven segments, each with a different associated MCE. The segment nearest to the site is designated as San Andreas/N. It is a strike-slip fault (as are all the other segments except one) and is associated with a maximum credible earthquake of 8 (Moment Magnitude). Additional information on this fault may be found in Green and Kennedy (1988), Mualchin and Jones (1992), and Jennings (1994).

6.3.2 Hayward Fault

The Hayward Fault is approximately 96 kilometers (60 miles) long. It branches off from Calaveras Fault near Mt. Misery, southeast of San Jose, trending northwesterly along the west side of the East Bay hills to San Pablo Bay. North of San Pablo Bay, the Rodgers Creek-Healdsburg Fault follows the same trend as the Hayward Fault, but is considered a separate fault in the Seismic Hazard Map. Per the Seismic Hazard Map, the Hayward Fault is a strike-slip fault and has a maximum credible earthquake of 7.5 (Moment Magnitude).

Three major earthquakes are attributed to the Hayward Fault:

<u>Date</u>	<u>Magnitude (Richter)</u>
10 June, 1836	6.8
26 November, 1858	6.1
21 October, 1868	6.8

Additional pertinent information on this fault may be obtained from Slemmons and Chung (1982), Mualchin and Jones (1992) and Jennings (1994).

6.3.3 San Gregorio Fault

The San Gregorio fault is another northwest trending fault, west of the San Andreas and approximately 260 kilometers (160 miles) long. In the Seismic Hazard Map, it is associated with an MCE of 7.5. The San Gregorio fault is also designated as a strike-slip fault. No major earthquake (e.g., greater than Magnitude 6.0) has been recorded on this fault in historical times. Additional pertinent information on the fault is available in Greene and Kennedy (1988), Mualchin and Jones (1992) and Jennings (1994).

6.3.4 Probabilistic Analyses

The probability of occurrence of a major earthquake at the project site is of interest. A comprehensive study by USGS (USGS, 1999), reports the findings of a Working Group (WG99) consisting of dozens of scientists representing a wide cross-section of the earth science community. The primary approach of this working group was to develop a comprehensive regional model for the long term occurrence of earthquakes, founded on geological and geophysical observations and constrained by plate tectonics. The study pertains to the San Francisco Bay Area extending from Healdsburg in the northwest to Salinas in the southeast and reports the probability of occurrence of a major earthquake within the next three decades (2000-2030).

For the purposes of the study, a major earthquake is defined as an earthquake with a moment magnitude of 6.7 or greater. It is postulated that based on the experiences of the Northridge (M=6.7) and Kobe (M=6.9) earthquakes that earthquakes of this size can have a disastrous impact on the social and economic fabric of densely urbanized areas. Probability of occurrence of a major earthquake is reported for seven major fault systems, which include the three faults discussed earlier. The probability of occurrence of a major earthquake before 2030 on the three faults is estimated as follows:

San Andreas Fault	0.21
Hayward Fault	0.32
San Gregorio Fault	0.10

It is also estimated that there is a 0.70 probability of a major earthquake occurring in the San Francisco Bay Area before 2030.

6.4 CONCLUSIONS

The following conclusions may therefore be made about the seismic characteristics of the project site, based on standard procedures (deterministic) used in Caltrans projects:

- There are no known faults crossing the project site;
- The San Andreas/N fault with an associated MCE of magnitude 8 is the controlling fault for design purposes; and
- The Peak Ground Acceleration to be used for the project is 0.5g.

The above conclusions have been utilized to develop the design and recommendations in Sections 12 and 13.

Probabilistic analyses indicate a 0.70 probability of a major earthquake (Magnitude greater than 6.7) occurring in the San Francisco Bay Area.

SECTION 7: SUBSURFACE GEOTECHNICAL CONDITIONS

7.1 GENERAL

As indicated earlier, preliminary subsurface investigations were performed for this present phase of the project. Pertinent available reports and boring logs were located and reviewed with the aim of establishing for initial design a basic understanding and framework of the soil and groundwater conditions at the site. This information is necessary to evaluate the constructability, cost and environmental impact of the proposed alternatives presented in Section 4.0. A review of the available information revealed significant gaps in information in a few areas where it was judged that additional information would lead to greater accuracy in the cost estimates thereby improving the evaluation of the alternatives. A limited subsurface investigation (Preliminary Investigations) was thus undertaken.

In this chapter, the existing available information and the information obtained in the Preliminary Investigations are discussed in detail, including the limitations. The need for and extent of additional subsurface data acquisition for final design are then discussed.

7.2 EXISTING SUBSURFACE INFORMATION

The locations of all borings for which boring logs were available and utilized for this study are presented in Figure 6 (Boring Location Plan). Applicable logs of test borings are provided in the Appendixes. The findings for each set of borings are discussed below.

7.2.1 Borings for Presidio Road

The most useful existing information is available from the 33 soil borings presented as part of the as-built drawings for the original Presidio Road construction. The drawings were prepared in 1933 for the Golden Gate Bridge and Highway District – they most likely were part of the construction of the Golden Gate Bridge. The borings are unevenly distributed across the project route between the westernmost boring at Station 2+24 and the easternmost at Station 25+54. Boring locations for the Presidio Road Borings are shown in Figure 6. This same set of test borings is included with the as-built drawings of the Presidio Viaduct (high-viaduct).

A major limitation in the Presidio Road boring logs is the absence of blow counts or of any indication in the descriptions of the ‘compactness’ or relative density of the granular soils or the strength and consistency of the cohesive soils. Another limitation is that there is no clear mention of the occurrence of groundwater. However, some assessments of the occurrence of groundwater may be made from the descriptions showing ‘water bearing sands’, which presumably indicate saturated sands.

The information clearly indicates the presence of predominantly serpentine bedrock at shallow depths (less than 9 meters [30 feet]) in the western end of the project route, from Station 2+24 to Station 9+19; the bedrock depth is 3 meters (10 feet) or less to Station 8+23. The ground surface in this zone slopes steeply along the road alignment at a slope of approximately 20 percent. The serpentine bedrock is typically weathered and decomposed near the top, hardening with depth. Also, there is some evidence of sandstone and shale underlying the serpentine layer between Stations 8+78 and 9+19. The overburden soils are generally clays to Station 8+08; between Stations 8+08 and 9+19 there is a preponderance of yellow sands and sandy clays. There is indication of a potential water table, possibly perched, in only one boring in the western end: water-bearing sands are indicated at a Station 8+37 boring at an elevation of 28 meters (91.0 feet).

From Stations 9+60 to 11+25, the terrain is relatively flat. Groundwater (noted as wet or water bearing sand or seepage) is indicated in the boring logs at elevations ranging from 3.2 to 5.1 meters (10.5 to 16.6 feet) or about 6 meters (20 feet) below the ground surface. This may be significant information for liquefaction

potential, depending on the in situ density or compactness of the sands. Water bearing sand layers 7.5 meters (25 feet) thick or more occur at three locations between Stations 9+60 to 11+25.

The depth to bedrock is at least 15 meters (50 feet) below ground surface in the western end of this section, getting deeper going eastward. There is no record of bedrock even to a depth of 29 meters (95 feet) below ground surface (elevation –18.3 meters (-60.2 feet)) in a boring on the northern edge of the road at Station 10+01. It is perhaps significant that 'hard sands' (possibly Colma Formation) are indicated around elevation –10.4 meters (-34 feet) in the only two borings that were drilled beyond this elevation. This may be a suitable bearing layer for piles.

Beyond Station 11+25 the ground surface rises at a slope of approximately 10 percent to Station 12+29. The depth to bedrock (shale) is 17.7 meters (58 feet) at Station 11+66 and only 3.4 meters (11 feet) (sandstone) at the top of the slope. A soil layer described as 'hardpan' was encountered at a depth of 6 meters (20 feet) in Boring 15 at Station 11+98. There are no indications of water bearing sands in the logs for any of the three borings in this zone.

Soil borings are conspicuously absent between Stations 12+29 and 15+55. Ground elevations in this area range from 35 meters (115 feet) in the west to 23 meters (75 feet) to the east. The boring at Station 15+55, which is at the top of the abutment for the low-viaduct, primarily shows clays and sandy clays to 18.8 meters (60 feet) depth, with possibly decomposed bedrock at the bottom of the boring.

There are four borings between Stations 18+90 and 25+30, which almost cover the length of the present low-viaduct. The borings are 15 to 18 meters (50 to 60 feet) deep and all with ground elevations within 1.5 meters (5 feet) of each other (2.7 to 4.2 meters [9 to 14 feet]). There is no indication of bedrock or groundwater in any of the borings. However, based on the occurrence of groundwater at shallow depths in the Commissary Building borings, which are within a short distance and at similar elevations, the presence of groundwater is likely. The soils as revealed by the borings are predominantly sands; there is some clay, sandy clay and loam layers also present.

7.2.2 Borings for Commissary Building (Building 610)

The Post Commissary Building is located approximately 30 meters (100 feet) north of the edge of the existing Highway 101, between Stations 17+00 and 18+00. As-built plans for the building dated June 1987 show logs of 10 soil borings, ranging in depth from 18.4 to 33.2 meters (60 to 109 feet).

Very soft-to soft silts and silty sands were generally encountered near the tops of the borings to depths ranging from 3 to 8.5 meters (10 to 28 feet) below ground surface. There is evidence of peat and other organic material within this soft material. The soft material layers are most likely representative of the active tidal marsh and beach depositional environment. The Commissary building is entirely within the boundary of the historic tidal marsh discussed earlier (Harlan Tait, 1998).

Dense to very dense sands and silty sands were encountered below the soft layers to depths of 18.3 to 21.3 meters (60 to 70 feet). Blue-gray silty/sandy clays were encountered below the sands, which in turn are underlain by shale, generally highly weathered, at depths ranging from 20 to 29 meters (65 to 95 feet). In two borings, sandstone was encountered below the shale, at depths ranging from 22 to 30 meters (72 to 100 feet). Groundwater was encountered 0.9 to 1.5 meters (3 to 5 feet) below ground surface (an artesian condition with water flowing to top was recorded in boring 2F-84-114, 30 meters (100 feet) away from the edge of the highway).

The Commissary Building is within 30 meters (100 feet) and at the same elevation as the part of the low-viaduct nearest to it. The soil conditions along the route should therefore be generally similar. This indicates that saturated soils will be encountered between Stations 17+00 and 18+00 at about elevation 3 +/- 1.5 meters (10 +/- 5 feet). Also, a soft silt/silty sand layer is present in the top 3 to 6 meters (10 to 20 feet). Perhaps the soft layer is indicated by the 'black sandy loam' in the boring at Station 18+90 in the 'Presidio Road' borings. There is, however, no indication of groundwater in the log for that boring.

7.2.3 Boring for Buildings 207 and 231

A sizeable site investigation was carried out by IT Corporation in 1997 for tank removal activities in the vicinity of Buildings 207 and 231. The buildings are located on opposite sides of the Highway 101 ramps near Station 22+00. Thereby, the soil conditions at the project route are conveniently interpolated.

The investigations included visual examination of soil samples retrieved by hand auger, geoprobe and hollow stem augering, as well as Cone Penetrometer Testing (CPT). Groundwater measurements were made in the borings along with geoprobes as they occurred. Based on the above, the report identifies six hydrostratigraphic units. A summary of the six units as presented in the report is given below:

- A vadose zone approximately 0.9 to 2.6 meters (3 to 8.5 feet) thick consisting of fill material;
- A shallow, saturated sand layer underlying the vadose zone. This unit is laterally discontinuous across the site, approximately 0.3 to 3 meters (1 to 10 feet) thick, and consists of fill, sand, silty sands, and sandy silts;
- Saturated silt layer approximately 0.8 to 3.0 meters (2.5 to 10 feet) thick and consisting of soft silt, clayey silt, and sandy silt. The layer is classified as 'Bay Mud', though it is significantly silty compared to the standard Bay Mud;
- An intermediate sand layer underlying the Bay Mud, which is semiconfined and laterally continuous across the site. The layer is approximately 1.4 to 3.0 meters (4.5 to 10 feet) thick and consists of sands, silty sands, and sandy silts;
- An intermediate layer of a similar 'Bay Mud' as above underlying the intermediate sand. The unit is laterally continuous across the site, ranges in thickness from 0.8 to 3.0 meters (2.5 to 8.5 feet) and consists of soft silt, clayey silt, and silty sand; and
- A deep sand layer composed of well-graded sands and silty sands. The thickness of this unit was not determined because it extends beneath the depth of exploration (9 meters [30 feet]).

Groundwater was encountered 1.5 to 3.0 meters (5 to 10 feet) below the ground surface.

An examination of the CPT data indicates that the Bay Mud is predominantly medium stiff having shear strengths between 24 and 48 kPa (0.5 and 1.0 ksf). All of the sand layers are predominantly medium dense (standard penetration test [SPT] blow counts between 10 and 30 blows per foot). There is no obvious evidence of soft Bay Mud or loose sands in the investigation. However, this location is within the inferred limits of the historic tidal marsh: therefore, localized soft layers should be expected in the upper 6 to 9 meters (20 to 30 feet).

Borings under the low-viaduct indicate approximately 1.8 meters (6 feet) of fill and shallow sand, 3.7 meters (12 feet) of shallow bay mud, 1.5 meters (5 feet) of intermediate sand and 1.8 meters (6 feet) of intermediate bay mud overlying the deep sand.

Soil and groundwater samples collected at both the Building 207 and 231 sites indicate the presence of gasoline, diesel, fuel oil and benzene, toluene, ethylbenzene, and xylene (BTEX) compounds.

7.2.4 Borings for Letterman Army Institute of Research

Seven exploratory borings were drilled in 1971 in the Letterman area for construction of the U.S. Army Hospital and the Institute of Research. The boring locations and the soil descriptions are presented in the as-built drawings dated May 1971. The boring locations were 120 to 240 meters (400 to 800 feet) from the edge of Richardson Avenue around Station 27+70. The nearest three borings (120 to 180 meters [400 to 600 feet] away) were auger holes, drilled to 4.7 meters (15.5 feet) depths. The remaining four borings were Denison or Pitcher tube holes and ranged in depths from 20.4 to 53.9 meters (67 to 177 feet).

The soils in the three nearest borings are all sands, silty sands or clayey sands. Groundwater was encountered at 3.0 to 4.1 meters (10.0 to 13.5 feet) below ground surface. The same general soil conditions

are present in the borings farther away - the first occurrence of clay is at 39.6 meters (130 feet) depth. There are no obvious loose or soft layers anywhere in the borings. Also, bedrock was not encountered even at 54 meters (177 feet) depth.

Additional subsurface information has become available from the more recent geotechnical investigation report for the proposed Letterman Digital Center (Treadwell and Rollo, 2001). The report provides 13 new borings ranging in depth from 9.7 to 20 meters (32 to 61 feet). The subsurface information generally agrees with the earlier reports. One significant difference is the presence of very soft to soft interbedded sand and clay layers to a maximum depth of 5.1 meters (17 feet) in the nearest borings, about 60 meters (200 feet) from Highway 101. Groundwater was encountered 0.6 to 2 meters (2 to 6 feet) below ground surface in the borings nearest to the proposed alignment.

7.2.5 Borings in Building 637 Area

Several borings were drilled in the area of Building 637 (Montgomery Watson, 1994). The building has since been removed. All the borings were drilled below the bluff at elevations less than 4.6 meters (15 feet). In the two nearest borings (just at the toe of the bluff), groundwater was encountered 2.4 to 2.7 meters (8 to 9 feet) below the ground surface and serpentine bedrock was encountered 4.3 to 4.6 meters (14 to 15 feet) below ground surface. The overburden soils were predominantly sandy soils underlying 1.1 meters (3.5 feet) of gravel fill at the surface. The sands were loose to about 3 meters (10 feet) in depth, then medium dense. The adjacent edge of the highway is at an elevation of approximately 26 meters (85 feet), 120 meters (400 feet) away (near Station 13+70). The borings are therefore considered to be not representative of conditions along the project route.

7.2.6 Borings for Crissy Field Restoration

An extensive geotechnical investigation was performed by Harlan Tait Associates as part of the improvements at Crissy Field, including the tidal marsh restoration. Their findings and conclusions are presented in a comprehensive report (HTA, June, 1998). The focus of their study area is slightly outside the project site area. However, several important pieces of information and trends may be extracted to our advantage from this study.

The field investigations consisted of drilling and sampling 11 test borings, 12 hydraulically driven sample probes, and 15 multiple-aligned test pits/trenches; and the performance of hydraulically advanced CPT at 6 locations. Pertinent subsurface information (soil borings, CPT, etc.) from several other sources is included in the report. Also as part of the investigation, a review was made of historic maps, photographs, reports and construction documents of interest from various organizations, and stereoscopic aerial photographs covering the site.

The historic development of the site is covered in some detail in the report. It is noted that the Crissy Field site consisted of a tidal marsh separated from the Bay by a beach and dunes, which exposed at low tide primarily as sloughs and mudflats (see Section 6.2). The active tidal marsh and beach depositional environment resulted in heterogeneously interlayered units of Bay Mud and Beach/Dune Sands. This is well borne out in the Building 207 / 231 borings.

The borings nearest to the project route are 45 to 120 meters (150 to 400 feet) north of the project route, approximately from Station 18+50 to Station 22+10. The boring depths range from 6 to 9 meters (20 to 30 feet) and indicate loose sandy soils and soft clayey silts (Bay Mud) to up to 9 meters (30 feet) in depth. This is generally consistent with the fact that all of the borings are within or close to the inferred limits of the historic tidal marsh. The softer layers are underlain by medium dense to dense older beach/dune sands. The depths to groundwater as revealed by these borings ranged from 1.5 to 2.1 meters (5 to 7 feet) below ground surface.

7.3 PRELIMINARY INVESTIGATIONS

An examination of the available existing reports and boring logs revealed a few areas where limited additional information would contribute substantially to more definitive preliminary design considerations. The accuracy of construction cost estimates for the various alternatives would thereby be greatly improved. Three areas were identified for additional investigation:

1. Station 17+00 to 23+00 Available data indicated that there are heterogeneously interbedded layers of soft clayey silt and loose sand near the surface in the area east of Station 17+00. The characteristics of these deposits indicate strong potential for liquefaction. The depth to which these deposits extend cannot be established with confidence, though indications are that they do not occur beyond 6 to 9 meters (20 to 30 feet) depth. The Presidio Parkway Alternative would construct an at-grade concrete box tunnel through this section of the corridor. Therefore, as discussed later, in Section 13, the determination of the depth of the liquefiable zone help greatly in selecting a suitable construction procedure for the stabilization of these soils, resulting in more accurate bases of construction cost estimates;
2. East of Station 23+00 Pertinent existing subsurface information beyond Station 23+00 was scanty. Two of the replacement alternatives (2 and 5) involve structures (either mainline or ramps) in this portion of the corridor. Most of the available information was from borings 120 to 180 meters (400 to 600 feet) from the proposed alignment. Additionally, there was no information on sand relative densities or clay shear strengths even in these borings. Applicable additional information in this area would therefore be extremely valuable for a meaningful assessment of subsurface conditions as required for the pile foundations for the aerial structures or for tunnel design as appropriate; and
3. East Bluff Area There was essentially no subsurface information between Stations 12+29 and 15+55. The limited available information indicates construction of the tunnel proposed through this area in the Presidio Parkway Alternative will require cutting through rock for at least a portion near the western end. Information regarding the depth to bedrock as well as the quality of the rock encountered (e.g., weathering, strength, rippability) will help significantly in reducing the uncertainties in the construction cost estimates.

In response to the identified need for better data along the alignment in these areas, Taber Consultants¹ was retained to perform additional investigations (referred to hereafter as the Preliminary Investigations). Taber drilled nine soil borings with associated laboratory testing and performed seven CPTs. Three of the borings were selected for use as hydrologic borings and were fitted with piezometers under the direction of Baseline Environmental Consulting, Inc. CPT and boring logs from the Taber report are presented in Appendix B.

Findings from the Preliminary Investigations are the following:

1. Soft, potentially liquefiable layers were encountered to a maximum depth of 6 meters (20 feet) for most of the area in the corridor east of Station 20+00 (Boring Nos. GB1-GB3, HGB1-HGB3, and CPT1-CPT6). In the segment beyond Station 23+50 towards Marina Boulevard, the deposits may extend up to 11 meters (35 feet) deep (Boring HGB1). Some tendency towards deeper soft deposits to the north (towards the Bay) is apparent;
2. The liquefiable deposits are associated with cone tip resistances ranging from 0.3 to 1.5 megapascal (MPa) (3 to 15 ton/square foot [tsf]) and are mostly classified as 'sensitive fine grained'. Corresponding samples from soil borings indicate SPT blow counts ranging from 0 (push) to 5 blows per foot. Grain size distribution curves generally show slightly clayey silts with some fine sand; and
3. The two borings drilled to investigate the depth and quality of the rock in the East Bluff area near the western end of the tunnel indicate:

¹ "Summary of Exploration and Testing, Doyle Drive Reconstruction Project, San Francisco, CA," Taber Consultant, March 2001.

- In Boring GB6 (Station 13+10), brown sandstone with siltstones is present 3.5 meters (11.5 feet) below ground surface. The rock is noted as being very intensely weathered and intensely fractured. Unconfined compression tests were not feasible for the samples recovered; point load tests performed instead on three samples ranging in depth from 3 to 5 meters (13 to 16 feet) below ground surface indicated uniaxial compressive strengths of intact rock ranging from 29 to 37 MPa (4,200 to 5,350 pounds/square inch [psi]). Rock mass strengths will be lower due to the weakening effects of joints and bedding discontinuities.
- In Boring GB5 (Station 14+30), bedrock is present at around 18 meters (59 feet) below ground surface. The rock is described as intensely weathered and intensely fractured 'metasedimentary' rock. Point load test performed on one sample from 18 meters (59 feet) below ground surface indicated a uniaxial compressive strength of 3.6 MPa (520 psi.)

The rock depths and rock types are generally consistent with the conditions logged in the Presidio Road borings east and west of the new borings.

7.4 ASSESSMENT OF AVAILABLE INFORMATION

The available geotechnical information presented above was reviewed in conjunction with the geological information discussed earlier in Section 6.0. The subsurface profile shown in Figure 7 was thus developed to summarize the subsurface conditions along the project route as input for preliminary design and cost estimates.

The following is an assessment of the general quality and reliability of the available geotechnical data as they pertain to the preliminary design of the proposed tunnel and foundation elements for the Doyle Drive Environmental and Design Study:

- The information on bedrock depths and rock types is generally adequate;
- The information on the depth to groundwater is generally adequate;
- The new information clearly confirms the presence of relatively thin layers of soft clayey silts and loose sands from around Station 17+00 to Station 28+00. Based on the boring and CPT locations, the soft and loose conditions are attributed to the depositional environment of the historic tidal marsh as delineated by HTA from old aerial photographs;
- The data appears to be quite definitive indicating that there are no thick soft Bay Mud deposits and no significant deposits of old bay clay along the project route. In fact, except for the top 6-11 m (20-35 ft) of historic tidal marsh deposition, there is a preponderance of sandy soils, generally dense but sometimes medium dense;
- There is no sand density information in the high-viaduct area between Stations 9+60 and 11+25; groundwater in this area was encountered about 6 meters (20 feet) below ground surface, and relatively thick sand layers exist just below the groundwater. The sands would be potentially liquefiable if they are found to be loose or even moderately dense.

7.5 ADDITIONAL SUBSURFACE INFORMATION FOR FINAL DESIGN

Further subsurface investigations will be required to complete the final design of the adopted configuration. Caltrans Guidelines for Foundation Investigations and Reports (Caltrans, 2000) require that the field and laboratory work performed for final design of a structure meet three basic requirements:

- Soil and rock information shall be adequate to cover each and every support location in both longitudinal and transverse directions;
- Depths of soil and rock investigation shall be sufficiently deeper than those of proposed pile tips and footing bottoms; and

- Soil and rock information shall be adequate for foundation design and construction.

The above implies adequate information is required for each pile cap and the two abutments for the viaduct(s). The criteria above do not specifically address the requirements for a tunnel. However, they are discussed herein to satisfy the requirements of adequacy for foundation design and construction. Specific locations of borings or CPT probes holes cannot be given until the viaduct bent locations and the tunnel alignments and elevations are finalized. Future geotechnical investigations performed for the tunnels should give particular consideration to gathering additional information for the groundwater regime in the area.

The recommended general scope and type of additional subsurface investigations work for each structure are presented below.

7.5.1 High-Viaduct and Park Presidio Interchange

A boring should generally be drilled at each bent of the northbound and southbound High-viaducts, roughly at the center of the pile cap. Additionally, 2 borings should be drilled for the Park Presidio Interchange overpasses: one in the area of the northbound travelway and one in the southbound area. The depths of borings should be at least 3 meters (10 feet) below the penetrations required by the piles as given in Section 13.0. Soil samples should be recovered by an accepted driven sampling method whose blow counts can be converted to equivalent SPT blow counts. Laboratory tests on select samples should include density, moisture content, grain size distribution for granular soils, and shear strength and Atterberg limits for cohesive soils. Where piles bear on bedrock, continuous rock cores to at least 3 meters (10 feet) into rock should be obtained and selected samples tested for compressive strength.

7.5.2 Low-Viaduct

If replacement of the low-viaduct is required, as in Alternative 2, the requirements for field investigation and laboratory testing for the low-viaduct (if applicable) will generally be the same as presented above. However, rock coring is not expected for the proposed stretch of the low-viaduct.

7.5.3 Battery Tunnels

Borings should be drilled at approximately every 30 meters (100 feet) along the length of the tunnels, from the start of the tunnels at approximately 12+70 to the end at approximately 15+30. The borings should be staggered: starting at the eastern edge of the southbound tunnel, followed by one at the western edge of the northbound tunnel, followed by one at the eastern edge. This will provide information of the depths of the potentially sloping rock surface. The borings should be drilled to at least 3 meters (10 feet) below the invert slab of the tunnel for rock and 6 meters (20 feet) for soil. Overburden soil samples and rock cores should be taken at 1.5-meter (5-foot) intervals. As a minimum, testing on overburden soils should be performed for index properties and corrosivity.

The rock cores should be examined for fracture and jointing characteristics (spacing, orientation, aperture, and infilling) and selected samples tested for compressive strength. Water bearing fractures and high conductivity zones should be identified so that the groundwater regime and the flow patterns in the area may be better understood. Other advisable tests include downhole video logging and packer testing at selected locations to assess the hydraulic conductivity characteristics of the rock mass. Selected exploratory boreholes should be fitted with piezometers to provide seasonal longer-term data on groundwater levels. The information thus obtained may be used in the selection of shoring systems and design of special drainage measures that may be required to minimize construction impacts to the pre-existing groundwater regime in the Eastern Bluffs to protect the vegetation on the bluff slopes. The examination of the jointing and fractures in the borehole walls and the collected rock cores thus assumes particular significance.

7.5.4 Main Post Tunnels

Borings for the Main Post Tunnels should be drilled at 60-meter (200-foot) intervals in the same staggered pattern as for the Battery tunnels. The boring program should be supplemented with cone penetrometer tests. CPT probe holes should be driven at approximately the midpoints of the boring locations and should be carried out to roughly the same depths as the adjacent borings.

A primary objective of the subsurface investigation for the Main Post Tunnels is to estimate the extent and depth of the 'soft layer'. Borings should therefore be drilled to at least 6 meters (20 feet) below the bottom of the 'soft layer'. Samples of soil should be taken at 1.5-meter (5 foot) intervals and fairly extensive testing performed on them, particularly to identify the soft zone. The tests contemplated are similar to those discussed for the high-viaduct.

7.5.5 Low Causeways and Girard Road Overpass

A boring or a CPT should be taken at approximately 30-meter intervals. The borings and the CPTs should be approximately 20 meters (65 feet) deep and should be distributed evenly between the northbound and southbound travelways and the Gorgas Avenue off-ramp. In addition, a boring should be drilled for each of the two proposed overpasses over Girard Road. Samples should be recovered every 1.5-meter (5-ft) intervals to a depth of 11 meters (35 feet) and at 3-meter intervals thereafter. Laboratory tests on selected samples should include index tests: density, in-situ moisture contents, Atterberg limits for cohesive samples, grain size analyses for cohesionless samples.

7.5.6 Other Areas

Borings should be drilled at 60 meter intervals along the alignment of the proposed depressed roadways between the Battery and Main Post Tunnels. Borings at 60 meter intervals should also be drilled east of the causeways along the proposed travelways for all the options being considered. The boring depths should extend to at least 1.5 meters (5 feet) below the proposed finish grades of the roadways. At least one sample shall be recovered within 1 ft of the finish grade and one at the bottom of the boring. Index tests and R-value tests should be performed on selected samples.

SECTION 8: CORROSION

Installations below ground surface are vulnerable to corrosion if the surrounding soils and/or groundwater offer a corrosive environment and appropriate measures to resist the corrosion are not taken. The proposed pile foundations, pile caps and tunnels for the project are therefore potentially subject to corrosion, depending on the chemical characteristics of the surrounding soil and groundwater. Caltrans, in their Corrosion Guidelines for Foundation Investigations, Version 1.0 (Caltrans, 2003), defines a corrosive area as one where the soil and/or water has a minimum resistivity of 1000 ohm-cm and additionally, contains more than 500 parts per million (ppm) of chlorides, or more than 2,000 ppm of sulfates, or a pH of less than 5.5. Applicable chemical test results for the project site are not available thereby precluding a ready assessment of potential vulnerability to corrosion for the various foundation elements. However, the proximity of the project site to the San Francisco Bay and the past existence of a tidal marsh strongly suggest a surrounding corrosive environment for the structures. Appropriate testing of the surrounding soil and groundwater is therefore necessary to select suitable corrosion mitigation measures during Final Design. Possible mitigation measures include epoxy coating of the reinforcing bar, design of appropriate concrete mix and stainless steel cladding.

Sampling and testing of site soils and groundwater shall be in conformance with the Corrosion Guidelines for Foundation Investigations (Caltrans, 2003) as described below. Samples for corrosion testing should be taken during the boring and sampling program discussed in Section 7.5 as follows:

From one soil boring between Stations 9+60 and 11+25:

- One sample between 0.3 and 1.5 meters (1 and 5 feet) below the ground surface
- One sample at the water table
- One sample below that at each distinct change of stratum (no more than 4 samples)

From one soil boring between Stations 17+00 and 23+00:

- One sample between 0.3 and 1.5 meters (1 and 5 feet) below the ground surface
- One sample at the water table
- One sample below that every 1.5 to 9 meters (5 ft to 30 feet) below ground surface
- One sample below that at each distinct change of stratum to bottom of boring (no more than 3 samples)

From one soil boring between Station 23+00 and end of route:

- One sample between 0.3 and 1.5 meters (1 and 5 feet) below ground surface
- One sample at water table
- One sample below that at each distinct change of stratum (no more than 4 samples)

All samples shall be at least 2.3 kilograms (5 pounds) of minus No. 8 sieve material. Each sample shall be tested for:

- Chloride content (California Test Method CTM 422)
- Sulfate content (CTM 417)
- pH of soil (CTM 643, Part 3)
- Minimum Resistivity (CTM 643, Part 4)

SECTION 9: SCOUR

Presently, there are no major open waterways or drainages in the vicinity of the project route. A few minor waterways or drainages do exist or may appear in the future due to the restoration of Tennessee Hollow and expansion of Crissy Marsh. However, these features are not expected to be of a scale that would affect the footings or underlying piles of the proposed Causeway. Therefore, any new, properly sited causeway footings or piles are not expected to be vulnerable to damage from scour.

SECTION 10: HAZARDOUS WASTE IMPACT

10.1 GENERAL

As part of the Doyle Drive Intermodal Study (San Francisco Guideway Associates, 1996b), Nolte and Associates compiled the report: Summary of Hazardous Materials Cleanup, Environmental Impact Mitigation Review. In the report, four types of potential hazardous materials cleanup work are identified:

1. Residual petroleum and other contaminants left over after completion of the planned Base Realignment and Closure (BRAC) environmental cleanup program;
2. Lead contaminants caused by sand blasting operations in connection with bridge repainting;
3. Hazardous waste material, such as asbestos, generated by demolition of any buildings that may be required for the Doyle Drive reconstruction; and
4. Asbestos from serpentine bedrock occurring in the western half of the high-viaduct.

10.2 RESIDUAL CONTAMINANTS AFTER BRAC CLEANUP

When the Presidio Army Base was proposed for closure by the BRAC task force in December 1988, the U.S. Army was responsible for the overall administration of environmental compliance programs for the Presidio. In 1999, an agreement was reached between the U.S. Army, National Park Service, and Presidio Trust to transfer responsibility for remaining environmental cleanup to the Presidio Trust. The remedial actions are presently ongoing at various locations within the Presidio Army Base. Per the most current Site Investigation Report (Baseline, 2004), it is expected that most remedial actions will be completed before start of construction work for the Doyle Drive Replacement Project. However, it is likely that some residual soil and groundwater contamination will remain, particularly in the areas of the proposed tunnels.

10.3 LEAD CONTAMINANTS CAUSED BY SANDBLASTING

Elevated levels of lead contamination in the soils below the high-viaduct have been reported in a previous study (Apex, 1994). The lead contamination is attributed primarily to windblown contaminants from sandblasting operations during repainting of the truss structure. The study area, extending the entire length of the high-viaduct, is divided into seven subregions. In six of the subregions, the soils were classed as hazardous to 0.15 to 0.3 meter (0.5 to 1.0 foot) below ground surface and contaminated below that to 0.6 meter (2 feet) below ground surface; in one subregion, the soils were contaminated to 1.5 meters (5 feet) in depth. All the soils were granular: sands, and clayey or silty sands and all were found to be above the water table at the time of the study.

The lead-contaminated soils under the high-viaduct have been remediated by Caltrans as part of their completed seismic retrofit work for the viaduct. However, elevated levels of lead contamination as described above are expected to occur in the area of the new alignment. Tests to delineate the level and extent of contamination in this area have not been performed. Nolte's report provides a preliminary estimate of 31,750 tonnes (35,000 tons) of lead-contaminated soil for excavation and disposal – the preferred remediation alternative per the Apex report. The estimate is based on extending the subregions of the Apex report to the area of the new alignment and assuming the depths of contamination for each subregion to remain unchanged.

10.4 HAZARDOUS MATERIAL FROM BUILDING DEMOLITION

The replacement of Doyle Drive will involve the demolition of several buildings. Hazardous material generated from this demolition work will have to be included for hazardous waste cleanup for the project. The primary hazardous material from building demolition is expected to be friable asbestos, which will require appropriate removal and disposal. It is estimated that 80 percent of the buildings within the project

area, including several historic buildings contain asbestos (Caltrans, 1993). Additionally, lead and chemicals such as polychlorinated biphenyls (PCBs), trichloroethylenes (TCEs), and trichloroethanes (TCAs) are known to be potentially present inside several buildings along Doyle Drive. Finally, some of the buildings may have active or inactive storage tanks for fuel oil for space and/or water heating.

10.5 ASBESTOS FROM SERPENTINE

Serpentine was encountered west of Station 9+26 in the old Caltrans soil borings for the high-viaduct at depths ranging from 0.3 to 7 meters (1 to 23 feet). The rock will therefore be encountered during the pile cap excavations and during CIDH pile drilling for the high-viaduct and the viaducts for the Park Presidio Interchange. Serpentine is a source of fibrous asbestos (chrysotile), which is a known carcinogen as well as having a potential for scarring of the lungs. The workers involved should therefore have appropriate training and equipment to detect and handle the material when encountered. All work involving handling and disposal of asbestos, as well as worker health and safety arising out of the serpentine should be performed with strict adherence to all applicable Caltrans, federal and local laws and regulations.

Volume of serpentine to be excavated and removed will depend on the type of bridge designed for the high-viaduct and its associated foundations. Preliminary estimates indicate the volume of serpentine to be approximately 12000 cubic meters. This estimate is deemed conservative, since the material overlying the serpentine has not been excluded and conservative (large) foundation dimensions are assumed.

10.6 ESTIMATED COSTS FOR HAZARDOUS WASTE CLEANUP

Nolte's report (Nolte, 1996) presents an estimated total cost for cleanup of \$10 million of which the major portion (\$6.6 million) is for the excavation of lead-contaminated soils near the high-viaduct and transportation and disposal at an appropriate landfill (Class I, Class II or Class III, based on the level of contamination). A cost of \$136 per tonne (\$150/ton) was assumed. The remaining \$3.4 million was estimated for unidentified additional hazardous waste cleanup, as discussed in Subsections 10.2 and 10.4. These costs do not include costs for work involving excavation and drilling of serpentine bedrock for foundations in the area of the high-viaduct. Total costs for excavation, transportation and disposal of the serpentine were estimated as \$6.5 million for Alternatives 2 and 5 based on a unit cost of \$550 per cubic meter.

SECTION 11: OTHER POTENTIAL PROJECT IMPACTS

11.1 GROUNDWATER REGIME IN THE EASTERN BLUFF

The vegetation on the bluff slopes below the existing Doyle Drive (e.g., willows and calla lilies) are indicative of near surface high moisture conditions. Construction of the tunnel upgradient of the bluffs would likely alter or disrupt the groundwater flow downstream. Disruption of the flows could therefore cause potentially adverse impacts to the existing plants that depend on the emerging groundwater from the seeps and springs along the face of the bluffs. Specific mitigation measures may be incorporated into the tunnel design to minimize disruption to groundwater flow around the tunnel. However, even minor alterations to the groundwater flow pattern to the bluffs could have indirect impacts on the biotic resource on the bluffs. Subsurface information indicates that water from rainfall or due to watering of the cemetery infiltrates through the high permeability dune sands, through the Colma formation, and into the fractures of the San Franciscan bedrock. Groundwater conveyance to the fracture could be disrupted if the water table is substantially lowered or the fractures are sealed. The effects of tunnel construction on the groundwater flow in the area and possible mitigation measures are discussed in further detail in the Hydrology and Water Resources Report (Baseline, 2004). Since the water flow in this region is primarily through fractures in the bedrock, knowledge of the fracture patterns is important for designing the necessary mitigation measures to restore the flows.

11.2 TENNESSEE HOLLOW

As noted earlier, plans are underway to restore Tennessee Hollow. As reported in the Hydrology and Water Resources Report (Baseline, 2004), the groundwater flow pattern in the area of Tennessee Hollow is complex (upward gradient), possibly influenced by multiple aquitards within the aquifers. Available information on the aquifer characteristics and groundwater flow patterns are presently not sufficient for a complete assessment of the groundwater flow situation.

Some earlier alternatives (now withdrawn) included construction of deeper tunnels across Tennessee Hollow, causing disruption to groundwater flow in the region with potential adverse effects to the Crissy Field wetlands and restoration of the Tennessee Hollow Drainage. Since none of the alternatives presently being considered include a tunnel that extends well below the water table in the area, it is not expected that the new roadway construction will cause significant disruption to the groundwater flow regime.

11.3 PROTECTION OF STRUCTURES

The impact of construction on several important structures in the vicinity of the proposed construction corridor requires special consideration. Several of these structures are important cultural resources and need to be protected during construction. Construction plans should therefore be developed to adequately mitigate the impact of construction, wherever applicable.

A major cause of distress to structures due to adjacent excavations is differential settlements in the structures. The distress is exacerbated by horizontal strains in the ground associated with the settlement. The degree of damage depends on the size and type of structure and the associated foundation, the proximity and depth of the excavation, and the ground movement. Several investigators have examined the issue of damage to structures due to excavations in close proximity (Wahls (1981), Boscardin and Carding (1989), Clough and O'Rourke (1990)). Analytical procedures have been developed by these investigators, whereby the degree of potential damage may be quantified. Such methods, as applicable, are recommended to plan for adequate measures for protection of the sensitive buildings adjacent to the proposed tunnel construction.

Other causes of potential damage to structures due to construction activities in the proximity are vibrations caused by pile driving or other operations. Due consideration should therefore be given to choosing the pile type and installation procedures to reduce the potential vibrations to acceptable levels.

11.3.1 San Francisco National Military Cemetery

The Presidio Parkway Alternative (Alternative 5) would place the new roadway south of the existing Doyle Drive under Lincoln Boulevard and immediately adjacent to the boundary of the San Francisco National Military Cemetery for a short distance. Special shoring methods that do not require the placement of tiebacks under the cemetery will be required for construction along the cemetery. Alternative 5 will result in construction of the south Battery Tunnel with a minimum clearance of 0.3 meters (1 foot) to the National Cemetery fence.

11.3.2 Batteries

Both the build alternatives (Alternatives 2 and 5) would move the roadway to within 0.7 meters of Battery Slaughter.

11.3.3 Main Post Buildings

Under Alternative 5, the south retaining wall of the southbound roadway would pass within 3 meters of the northernmost corner of Building 106. This will probably require underpinning of the building and continuous monitoring of ground conditions before, during and after construction.

11.3.4 North Halleck Street Buildings

Buildings 201 and 230 are located within the footprint of Alternative 5. The proposed roadway is too close to the above buildings to protect them and thus, the buildings will be removed. Building 204 lies to the south of the Alternative 5 alignment, but will be removed to permit extension of the bluff over the Main Post Tunnels.

11.3.5 Gorgas Warehouses

The Gorgas warehouses will need to be protected in place during the construction of the retaining walls as part of the Girard Road extension..

11.3.6 Existing Viaducts

The existing high- and low-viaducts will require temporary protection, particularly for Alternative 2, when the construction will take place in very close proximity. Thus, staging and construction methods should be carefully considered for construction along the existing viaducts. Appropriate selection of pile type and installation procedures is particularly significant for these areas.

11.3 OTHER POTENTIAL PROJECT IMPACTS

Other potential project impacts include excavation and permanent removal of geologic resources – in-situ rock and soil – from the site, primarily due to excavation for the tunnels, high- and low-viaduct and causeway foundations, and the roadway between the two tunnels. The excavation and removal of serpentine for foundation construction was discussed in detail in Section 10.5. As noted in Section 13.7 (Earthwork), the impact will be mitigated to the extent feasible, by reusing suitable material as onsite backfill as required.

SECTION 12: SEISMIC DESIGN CONSIDERATIONS

12.1 GENERAL

The levels of seismic activity at the project site and the associated sources (faults) are discussed in Section 6.3. The potential consequences of this seismic activity (e.g., seismic hazards) are identified in this section and appropriate mitigation measures or design criteria are noted. The following effects of seismic activity are addressed:

- Fault rupture;
- Soil liquefaction;
- Excessive soil settlements and soil movements;
- Effect of ground motions on superstructure (Design Response Spectra for the viaduct(s)); and
- Effect of earthquake on tunnel design.

12.2 FAULT RUPTURE

The California Seismic Hazard Map (Caltrans, 1996) indicates that there are no identified active faults crossing the project route. Therefore the risk of surface fault rupture along the project route is considered negligible.

12.3 SOIL LIQUEFACTION

Saturated soils subjected to cyclic loading during an earthquake may develop pore water pressures that increase with each succeeding cycle of loading. Under certain combinations of circumstances (soil type and density, water table elevation, level of cyclic loading, number of cycles) sufficient pore pressure may develop, resulting in a consequent reduction of shear strength to essentially zero. This phenomenon is known as liquefaction. Liquefaction is most viable in loose, clean sands and, as may be expected, the potential for liquefaction increases with increasing levels of loading and the increasing number of load cycles (duration of earthquake.) In liquefied zones, foundation elements will lose vertical and lateral resistance. The phenomenon of liquefaction has been widely studied, starting with Professor H. B. Seed of U. C. Berkeley and his co-workers and is still on-going at various universities and research institutes. A comprehensive discussion on liquefaction is presented in Youd et al (2001a,b). A map showing potential areas of soil liquefaction is presented in CDMG (2000).

A preliminary assessment of the liquefaction potential along the project route was made using the procedures described in the FHWA geotechnical earthquake engineering guidelines (Kavazanjian et al, 1997). The following results were obtained, based on the procedure (and using somewhat conservative assumptions):

Depth	SPT Value Above Which Liquefaction Will Not Occur
1.5 meters (5 feet)	16
3 meters (10 feet)	17
6 meters (20 feet)	22
9 meters (30 feet)	26
12 meters (40 feet)	31
15 meters (50 feet)	36

Sand deposits with an SPT value lower than the indicated threshold value, will liquefy under the design earthquake. For sands with significant silt contents (greater than 15 percent), the threshold SPT values reduce by 8 blows per foot to reflect the beneficial effect of fines in reducing the tendency of soil to liquefy. SPT blow counts are not available for major portions of the project route precluding a complete assessment of the liquefaction potential for the entire alignment. Therefore, definitive statements on liquefaction potential are made wherever possible; in other areas, only qualitative statements are made, pointing out the trends (such as the presence of sandy soils at shallow depths and below water) and identifying the data required for a more definitive assessment.

The soils most susceptible to liquefaction are the soft deposits from the historic tidal marsh discussed in Sections 6.0 and 7.0. Additional and more definitive information on these soils was obtained during the Preliminary Investigations. The presence of these soils is noted essentially all through the corridor east of Station 20+00. The deposits are interbedded layers of silty sands, sandy silts and clayey silts. The SPT blow counts range from zero (push) to 5 blows per foot and the CPT cone resistances are generally below 1 MPa (10 tsf). The material is classified as 'sensitive fine grained' in a majority of cases and gradation tests show a predominantly silty material. The maximum depth of occurrence of these soft materials was found to be about 6 meters (20 feet), except for the well boring HGB-1 near the project limits on Marina Blvd, where soft clayey silt (0 blow count) was encountered to 10 meters (35 feet) in depth. This layer appears to extend deeper going north towards the Bay.

Another portion of the project route that merits attention is between Stations 9+50 and 11+30. Caltrans borings from before 1933 indicate 'water bearing sands' at shallow depths (i.e., ranging from 4.3 to 7.9 meters [14 to 26 feet] below ground surface). There is no other information for these soils on the boring log. This portion is close to the edge of the 'historic tidal marsh and the layering is somewhat indicative of a tidal deposition environment – thin peat layers are shown in two of the borings and 1.2 meters (4 feet) of 'black sandy mud' in a third boring. The high- viaduct will traverse this portion of the route. The depth and extent of the liquefiable soils, if present, will be determined based on the subsurface investigations for the Final Design. The information will then be incorporated in the design of the piles as appropriate – most significantly, piles in the liquefied zones will need to be longer and will require stronger sections on the upper portions to resist the lateral loads.

12.4 EXCESSIVE SETTLEMENTS AND SOIL MOVEMENTS

Surface settlements on the order of 25 millimeters (1 inch) or less may occur after an earthquake. Larger settlements are likely in the event of liquefaction occurring in the areas formerly covered by the historic tidal marsh, such as in the area of the Main Post Tunnels and the causeways. Such settlements are of minor consequence to the functioning of the causeways, if measures are taken in the design of the pile foundations by appropriately incorporating the effects of the liquefied zone. Similarly, appropriate measures will be required for the Main Post Tunnel foundations to mitigate the effects of the liquefied layer.

12.5 SLOPE STABILITY

Backfilled slopes above the tunnel box structures should generally not exceed a slope of 1 (vertical) on 2 (horizontal). The slopes should be constructed of compacted granular soils with clay contents not exceeding 10 percent – subsurface information indicates availability of suitable material onsite. The recommended slope is judged to be reasonable for the proposed fill material and with current standard practice. The slope surfaces should be at least one meter (3.3 feet) above the top of the tunnel and should be vegetated to blend in with the surroundings and irrigated. The vegetation, once mature, will further enhance the stability of the slopes.

The steeper slopes along the project route and vicinity are all natural slopes, generally underlain by rock or competent soil.

Liquefied soils (see previous section) may flow downslope in a sloping ground, particularly if the soil is not confined. The ground is essentially flat in the area between Stations 17+00 to 28+00, the area most prone to liquefaction; thus, large downslope movements generated by a liquefied soil mass are not likely.

12.6 DESIGN RESPONSE SPECTRA FOR VIADUCT STRUCTURES

The viaduct(s) will require appropriate seismic design as outlined in the Caltrans Seismic Design Criteria (Caltrans, 2001). The design criteria provide design response spectra (Acceleration Response Spectrum [ARS] curves) that reflect: (a) the magnitude of the design earthquake; (b) the peak bedrock/surface acceleration at the project site; and (c) the subsurface soil profile characteristics at the site. In addition, recommendations are provided in the design criteria to modify the ARS curves to incorporate the effects of the fault type (strike-slip, reverse, etc.); fault proximity; and structures with long periods in deep (greater than 76 meters [250 feet]) soil sites.

Per the design criteria, the maximum credible earthquake (MCE) should be used as the design earthquake – justifications are provided for this requirement as opposed to probabilistic methods based on earthquake return periods. The subsurface soil property variations are reflected in the six assigned soil profile types: five of them reflect ranges of average shear wave velocities over the top 30 meters (100 feet); the sixth one identifies soils that require site-specific evaluation (e.g., liquefiable soils or peat over 3 meters [10 feet] thick). The soil profile types are based on recommendations in ATC-32 (ATC, 1996). A simple method is presented there, whereby a profile type may be assigned to a soil profile with variable soil properties (not readily amenable to type assignment) by prorating the properties over a 30-meter (100-foot depth).

As described in Section 6.3, the San Andreas/N fault segment (MCE=8.0) is the governing fault for this project. It is 9 to 10.5 kilometers (5.5 to 6.5 miles) from the project site; therefore the standard ARS curves must be modified for the proximity of the fault to the site. Since it is a strike-slip fault, and since the rock surface is unlikely to be more than 76 meters (250 feet) deep, no other modifications are required. The peak rock acceleration at the site of 0.5g will be used in the development of the ARS curves.

12.6.1 High-Viaduct

The depth to rock along the high-viaduct alignment varies widely, from 3 meters (10 feet) below ground surface to over 27 meters (90 feet). Based on the procedure in ATC-32 and some simple, conservative assumptions, the soil profile types would be Type C for rock depths less than 15 meters (50 feet) and Type D for greater than 15 meters (50 feet). The recommended ARS Design Curves in the region of the high-viaduct alignment are as follows:

Between Stations 9+45 to 11+70 (See Figure 9):

Soil Profile Type D

ARS Design Curve R3-9 (ATC-32), $M_w=8.0$, Peak Rock Acceleration=0.5g

- Increase spectral accelerations 20 percent for structural periods ≥ 1 sec
- No change in spectral accelerations for structural periods ≤ 0.5 sec
- Linearly interpolate spectral accelerations between 0.5 and 1.0 sec

Rest of the High-viaduct alignment (see Figure 8):

Soil Profile Type C

ARS Design Curve R3-6 (ATC-32), $M_w=8.0$, Peak Rock Acceleration=0.5g

- Increase spectral accelerations 20 percent for structural periods ≥ 1 sec
- No change in spectral accelerations for structural periods ≤ 0.5 sec
- Linearly interpolate spectral accelerations between 0.5 and 1.0 sec

12.6.2 Low-Viaduct and Causeway Structures

For the proposed Causeway structure over the Tennessee Hollow area, the same ARS Design Response Curve shown in Figure 9 is recommended:

Soil Profile Type D

ARS Design Curve R3-9 (ATC-32), $M_w=8.0$, Peak Rock Acceleration=0.5g

- Increase spectral accelerations 20 percent for structural periods ≥ 1 sec
- No change in spectral accelerations for structural periods ≤ 0.5 sec
- Linearly interpolate spectral accelerations between 0.5 and 1.0 sec

12.7 SEISMIC DESIGN CONSIDERATIONS FOR TUNNELS

All tunneling presently contemplated for the project are 'shallow burial' tunnels to be generally constructed by 'cut-and-cover' methods. Some lengths of the tunnel(s) are expected to be above ground on one side during construction and to be covered later. An earthquake will induce additional lateral earth pressures and consequent additional displacements on the structure, induced primarily by the shear waves generated by the earthquake. Depending on the direction of the shear wave relative to the structure alignment, the structure will be subjected to axial and curvature deformation along the tunnel and most importantly to racking: deformations (sideways distortion), which place high ductility demands on the joints that require special reinforcing details. Additionally, the whole or a part of the tunnel alignment may be subjected to buoyancy forces in the event that liquefaction occurs in the surrounding soils along the alignment.

The Mononobe-Okabe method (described by Seed and Whitman, 1970) has been widely used for seismic design of shallow tunnels, though it is widely recognized that it is not strictly applicable for underground structures. The method, originally developed for aboveground earth retaining walls, calculates the dynamic earth pressure caused by the inertial force of the surrounding soils, which are based on the soil shear strength properties and the design seismic coefficient. Experience indicates that the Mononobe-Okabe method yields unrealistic results (e.g., causes a structure to rack at an amount that is greater than the surrounding ground); the unrealistic result is amplified as the depth of burial increases. Nevertheless, the method has been shown to serve as a reasonable design method for estimating seismic earth loads for tunnels buried at shallow depths (Wang, 1993).

Wang (1993) presents a simplified procedure for evaluating racking distortion effects on rectangular tunnels that may be used advantageously in the case of deeper burial. The procedure incorporates the effects of the relative stiffness of the tunnel structure with respect to the surrounding soil (flexibility ratio) under the conditions of the design earthquake. Relationships have been developed from the findings from a large number of finite element soil-structure interaction analyses, using earthquake time-history input, whereby the racking deformation may be estimated from the free field deformation and the flexibility ratio. The free field deformations are computed by inputting values of soil shear moduli or shear wave velocities for the soil profile to an appropriate ground response program (e.g., the SHAKE, FLAC or SPECTRA). The flexibility ratio is computed using the elastic moduli and section properties of the tunnel structure and the strain-compatible shear modulus of the surrounding soil compatible. The racking deformation thus computed is utilized to calculate the corresponding loads and moments in the structure as outlined in Wang (1993) for use in the structural design of the tunnel.

Battery Tunnels. The Battery Tunnels will be constructed along the top of the Eastern Bluff. Per the present plans, part of the tunnel will be in a cut (southern side) and part of it will be filled. The sidewalls of the tunnel where the tunnel is in soil should be designed using the Mononobe-Okabe theory and a seismic coefficient of 0.5g.

Main Post Tunnels. As presently contemplated, the Main Post Tunnels will be embedded 1-2 meters in 'soft soils' that have a high potential for liquefaction. The soil Liquefaction will induce additional loads on the walls as well as reduce the resistances. These effects will have to be incorporated in the design.

A shear wave velocity of 150 meters/second (500 feet/second) is recommended for use if the tunnel is surrounded by soils with SPT values of 15 blows per foot or less; for soils above 15 blows per foot, a value of 300 meters/second (1,000 feet/second) is recommended.

A detailed dynamic soil-structure interaction analysis using ground motion history input may be required for the project.

SECTION 13: PRELIMINARY DESIGN AND CONSTRUCTION RECOMMENDATIONS

13.1 DEEP FOUNDATIONS

The high-viaduct, low-viaduct and the causeway foundations will be required to resist compressive (downward), tensile (uplift) and lateral loads as imposed by the design dead and live loads and seismic activity, with an adequate factor of safety. In particular, the uplift and the lateral forces will be sizeable, due to the large design earthquake. Deep foundations will therefore be required. The most common form of deep foundations are piles, which merit due consideration.

It should be noted that for the High-viaduct, other innovative deep foundations, such as a 'Sheet Pile Foundation' as used in Japan using a ring of pipe piles with a central concrete core, appears to be viable. Such foundations generate relatively low levels of noise and vibration and high flexibility of construction. Details of the method are presented in Appendix C.

Suitability of a pile type (pile material, method of installation) for a particular situation depends on specific subsurface conditions and construction constraints. For the present project, high noise levels and vibrations to nearby structures due to pile installation are of particular concern. Locally, the most common pile types are:

- Driven Precast, Pre-stressed Concrete (PPC) piles;
- Driven Cast in Steel Shell (CISS) pipe piles, both open ended or closed ended; or
- Cast in Drill Hole (CIDH) piles.

Driven piles may potentially cause unacceptable noise or vibration levels close to existing structures, precluding their use in some situations. CIDH piles or other less common non-driven pile types may be considered (e.g., Tubex piles, screw piles, oscillating piles) if noise or vibrations become an issue. They are, however, unlikely to prove as cost-effective as driven piles for most situations.

Pile penetrations as required for downward and uplift loads depend on the pile type, the pile size (cross-section), the strength properties of the surrounding soil/rock and the method of pile installation. Several accepted algorithms exist for such computations. For this project, the program APILEplus (Reese and Wang, 1993b) may be used for driven piles and SHAFT (Reese, Wang and Alleraga, 1998) for CIDH piles. The soil property and load transfer algorithms used should be per the program recommendations. Similarly, the lateral load behavior may be determined using the program LPILEplus (Reese and Wang, 1993a) and associated soil property algorithms recommended in the program. The required pile penetration will be the highest of the penetrations required for downward, uplift and lateral load standpoints; thereby, all the three loads may be resisted adequately.

The advantages/disadvantages of the three pile most common pile types are presented below:

13.1.1 PPC Piles

Advantages:

- The least expensive of the three alternatives
- The most readily available (in 305 and 355 millimeter (12 and 14 inch) sizes) and widely used in this area
- More resistant to potential corrosion problems than steel piles

Disadvantages:

- Less ductile; therefore less resistant to lateral loads, particularly from seismic

- Potential driveability problems including refusal in thick, very dense sand layers
- Cannot be driven through rock – the pile tip will be damaged
- Premature refusal will require cutting off from top of pile, resulting in loss of required reinforcement for lateral loads
- More susceptible to damage during driving, due to excessive stresses from alignment problems
- Splicing of pile sections is not cost-effective
- Noise and vibration during pile driving

13.1.2 CISS Piles

Advantages:

- More ductile, and therefore less susceptible to damage from seismic lateral loads
- Less susceptible to damage from driving stresses
- For open-ended piles, driving is significantly easier and less uncertain; in the event of refusal, the soil plug may be drilled out and the pile driven deeper to satisfactory penetration
- Splicing of pile sections is relatively easy

Disadvantages:

- More expensive than PPC piles
- Prone to corrosion from corrosive soils
- Drilled out soil from inside open-ended pile needs to be disposed; contaminated soils may cause added problems
- Filling with concrete is an added effort and expense
- Noise and vibration during pile driving
- Closed-ended piles could encounter hard driving and possible refusal in thick, dense sand layers, similar to PCC piles

Note: A variant of the driven CISS pile is the 'oscillating' pile. Here, the steel shell is oscillated into the ground, instead of being driven in by a hammer. This results in significant reduction in noise and vibration levels during installation. All other pertinent advantages and disadvantages are similar to driven CISS piles.

13.1.3 CIDH Piles

Advantages:

- Significantly less noise generated during installation
- Can be drilled through dense sand or rock, unless the rock is very hard; the serpentines, shale and sandstones can most likely be drilled through
- There less potential for damage of adjacent structure or property due to vibrations, unlike with driven PPC and CISS piles

Disadvantages:

- The cost and time to install are both greater than for PPC and CISS piles
- Degree of difficulty of installation and associated costs increase significantly for shallow groundwater and presence of loose, non cohesive soils
- If slurry is used to keep the hole open, disposal of the excavated slurry mixed soil may incur additional costs and complications, depending on the chemical composition of the slurry

Based on the above, it may be inferred that from the standpoint of subsurface conditions, CIDH piles are appropriate for the areas of shallow rock, such as on the western half of the high-viaduct and a small portion at the eastern end - driven piles appear to be more suitable in the other areas. However, as noted earlier, driven piles may be precluded from use in several locations due to excessive noise and vibration or potential soil displacement (heave) close to existing structures. Under such conditions, consideration of CIDH piles should be given priority. Where driven piles may be used, open-ended CISS piles should be considered first. Also, for driven piles, it is recommended that driveability studies be performed prior to pile type selection to assess a suitable hammer-pile combination whereby the piles may be driven to the required penetrations without being damaged. For instance, there is some indication of the presence of dense to very dense sands at shallow depths in some areas, such as near the Letterman Hospital, which may indicate potential for hard driving and potential for premature refusal.

13.1.4 Pile Lengths

A preliminary assessment of the required pile lengths for piles was made for preliminary design and cost estimating for the piles most commonly used for projects in the area. They indicate (Caltrans standard terminology used):

Pile Type/ Class	Capacity	Effective Pile Length
PPC Pile (Alt. "X")-Class 625	625 kN (70 ton)	16.8 m (55 feet)
PPC Pile (Alt. "X")-Class 900	900 kN (100 ton)	18.3 meters (60 feet)
CISS Pile (610-millimeter [24-inch] diameter)	900 kN (100 ton)	19.8 meters (65 feet)
CISS Pile (610-millimeter [24-inch] diameter)	1350 kN (150 ton)	25.9 meters (85 feet)
CIDH Pile (915-millimeter [36-inch] diameter)	1350 kN (150 ton)	16.8 meters (55 feet) in soil minimum 1.5 meters (5 feet) into rock

Note that the effective embedment lengths are below the pile cap at the bent or below original ground at the abutments.

For preliminary cost estimates, 915-millimeter (36-inch) diameter CIDH piles are proposed from the start of the high-viaduct at the western end to Station 9+30 and from Station 11+74 to the eastern end. These locations are based on estimated rock depths of 15.3 meters (50 feet) below ground surface or less. Driven piles should be used at all other locations.

A Pile Data Table providing pile types and sizes, nominal resistances, design loads and tip elevations should be prepared for the final design.

13.2 TUNNELS

13.2.1 Battery Tunnels

As presently envisioned, the northbound and southbound Battery Tunnels will be excavated through the eastern bluff. The planned elevations indicate that parts of the excavation will be through rock. The highly fractured Franciscan bedrock is expected to be amenable to being ripped or excavated with standard rock excavators. Groundwater was not encountered in the Franciscan Formation in the borings in the area, presumably due to the limited depths of drilling, however, the Hydrology and Water Resources Report (Baseline, 2001) suggests a strong likelihood for encountering groundwater in the formation. Water inflow during tunnel excavation will therefore need to be controlled as appropriate (e.g., dewatering). Portions of the tunnel structure on the north side that protrude above the present ground surface will need to be covered with fill on the top and the sides.

As noted in Section 11.2 the proposed southbound tunnel will pass within 0.3 meters (1 foot) from the fence of the National Cemetery. In this area, no components of the shoring system (e.g., tiebacks, soil nails or dowels) will be allowed to extend under the cemetery.

The preservation of natural groundwater flow to the north facing slopes of the Eastern Bluff is a priority that must be reflected in the final design and construction of the tunnel box structure. During excavation through the bedrock, particular attention will need to be paid to the rock fractures and jointing (spacing, width, attitude, apparent permeability), so as to allow the placement of drainage materials against the exposed bedrock to collect and convey groundwater around the tunnel box. This will require the excavation procedure to facilitate the inspection of the water bearing fractures discussed above. For instance, if top-down construction is employed, the shoring shall be limited to the top of rock and the rock face shall be contained by rock bolts.

One option for maintaining the hydraulic connection across the tunnels is to apply geocomposite drainage strips to exposed water-bearing fissures on the south sidewall of the cut to collect, transport, and redistribute groundwater to the north sidewall. Geocomposites are routinely used worldwide in underground and tunnel construction to passively collect and move groundwater away from concrete structures. The approach, therefore, appears conceptually viable provided that it is feasible to map the exposed water-bearing fissures and structures on both sides of the tunnel during construction. Manufacturers of geocomposites contacted for this study expressed confidence in the ability of their products to provide permanent drainage around the structure. However, none was aware of a similar application of geocomposite drainage strips to reintroduce water into bedrock around a tunnel. Piezometers placed well in advance of the tunnel construction should be used to establish background groundwater levels and to monitor of groundwater levels during and after construction.

13.2.2 Main Post Tunnels

As presently proposed in the Presidio Parkway Alternative, the northbound and southbound Main Post Tunnels require only a shallow excavation into the existing soils. Per present plans, a minimal excavation (1-meter or less) below groundwater table may be required. The invert slab of the tunnels will be constructed essentially on grade and the walls will then be formed and cast in place. The roof will consist of precast segments to minimize disruption to traffic operations. The tunnel boxes will then be covered with soil to the desired finish grades.

The profile of the Main Post tunnels indicate the presence of soft soils of the old Tidal Marsh below the bottom of the box-structures. The 'soft soils' are judged inadequate for supporting the tunnels and backfilled soil cover. It is therefore proposed that the tunnels be supported on piles penetrating adequately into the dense sandy soils underlying the 'soft soils'. Alternatively, measures to improve the 'soft soils' should be investigated, whereby the need for the piles may be eliminated. Soil improvement, if opted for, may potentially cause irreversible adverse impacts to the geologic resources and the hydrogeologic regime. The impacts should be evaluated as part of the investigation for the appropriate soil improvement measure.

13.3 RETAINING WALLS

Major retaining structures are planned along the alignment at several locations. The maximum height of the walls is 9 meters with the majority of the walls being significantly lower. In general, the retaining walls can be standard Caltrans walls on spread footings. In some areas, where the 'soft soils' of the Old Marsh are present, pile foundations may be required.

Precast walls with soil reinforcement may be used at certain locations for aesthetic importance, such as at the Girard Street underpass and the north wall of the northbound travelway between the two tunnels.

At certain locations, such as near Building 106, secant pile walls should be considered to minimize construction impacts, particularly where important historical or other resources are immediately adjacent to the proposed roadway.

The new retaining walls should have minimal impact on the overall hydrogeologic regime, though minor localized effects cannot be ruled out.

13.4 SETTLEMENTS

As noted earlier, the bottom slab for the Main Post tunnels will be underlain by 'soft soils' of the historic tidal marsh. Excessive settlements would therefore occur if the backfilled box-structures were to be supported by these soils. Pile foundations other appropriate measures should therefore be taken to mitigate the potential settlements.

Current alternatives do not involve the use of shallow spread footings as foundations. Additionally, no deeper compressible layers have been found in the borings drilled to date that would cause significant settlements of the Battery tunnels or the pile-supported structures. Hence, settlements due to consolidation under static loads do not apply to these anticipated structures.

13.5 SLOPES

The highest cut slopes are for the depressed surface road west of the high-viaduct, which are about 4 meters (15 feet) high and primarily in rock. All other steep slopes along the project route and vicinity are all natural slopes, generally underlain by rock or competent soil. The locations of the potential landslides shown in the Seismic Hazard Zones map from the Division of Mines and Geology (CDMG, 2000) do not appear to adversely affect the design or choice of alternatives for the project. Potential for significant failures of the natural slopes along the proposed alignments for the new roadway is therefore considered small, even under a strong earthquake or heavy rainfall.

A slide repair on the Bluff slopes immediately north of the west abutment of the low-viaduct is noted earlier in Section 5. This is the only slide indicated in the available records (personal communications with George Ford of The Presidio Trust and Grant Wilcox of Caltrans). The slide occurred in 1998 in a manmade slope after a rainstorm and was reportedly caused by the failure of a storm drain. Uncontrolled dumping in the area may have been an additional contributing factor to the slide.

13.6 PAVEMENTS

For the Presidio Parkway Alternative, the major at-grade roadways are the depressed travelways between the Battery and Main Post tunnels and east of the causeways. For preliminary assessment, pavement sections for at-grade roadways should be designed using a Traffic Index (TI) of 11. An R-value of 10 may be used for preliminary design for most of the pavements, except as discussed in the next paragraph. R-values will be measured from the recovered soils as part of laboratory testing prior to Final Design.

As may be noted from Figure 7, portions of the at-grade roadways may be founded on the historic tidal marsh 'soft soils'. This would indicate a very low R-value. For preliminary purposes, a value of 5 may be used. This may result in a very thick pavement section. Alternatively, the pavement section may be designed using a geotextile fabric in-between the subgrade soils and the structural section.

13.7 EARTHWORK

All earthwork for the project should generally conform to the requirements of Section 19 (Earthwork) of the most current Caltrans Standard Specifications.

Soils excavated in one location should be reused as fill or backfill in another location to the extent possible, provided it meets the appropriate requirements. Unsuitable materials such as contaminated soils, soils with high plasticity or excessive organic content or soils such as serpentine will be appropriately disposed offsite.

Other excavated rock, properly processed should be usable as fill onsite. An earthwork management plan should be developed in coordination with NPS.

SECTION 14: REFERENCES

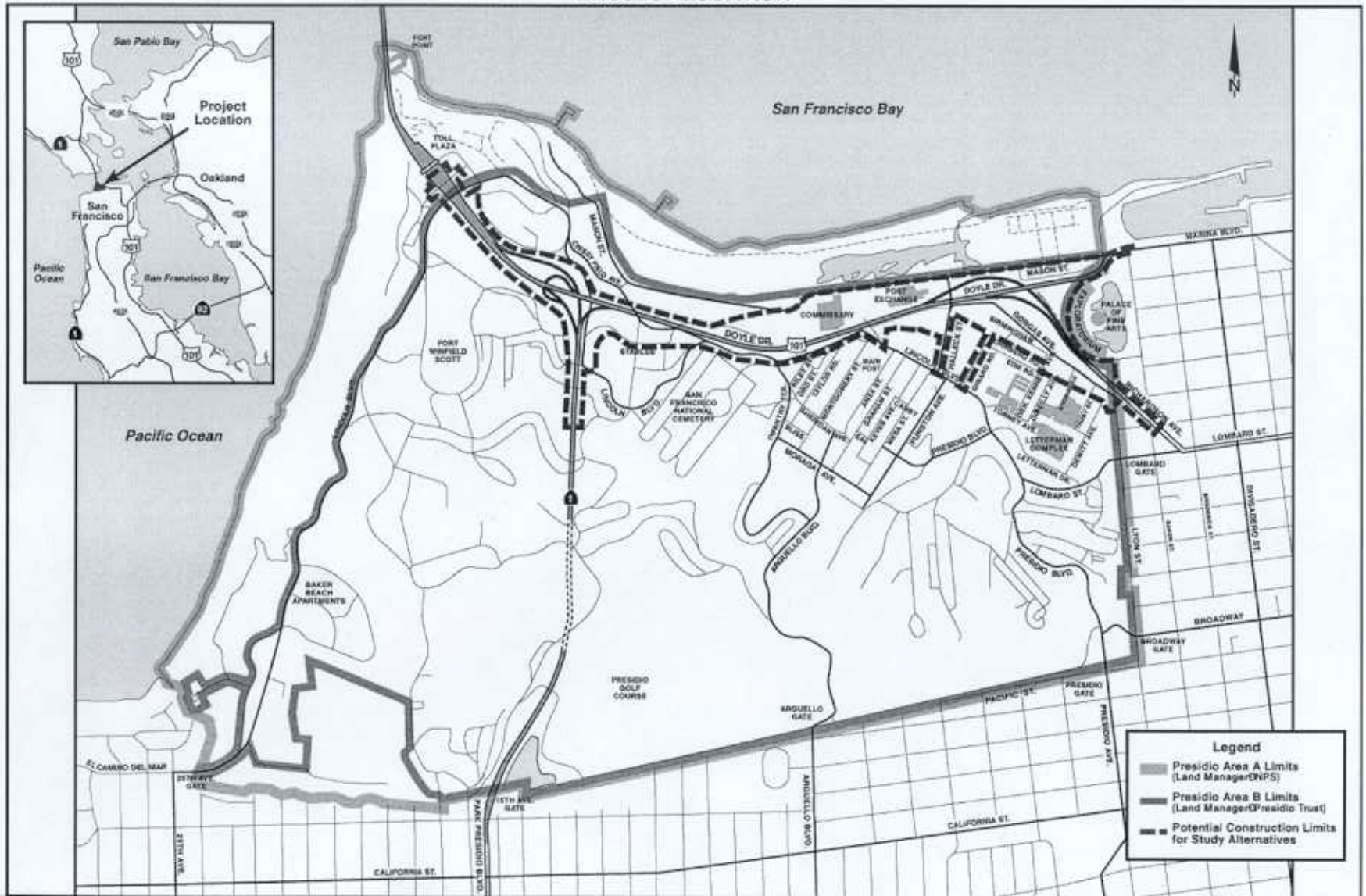
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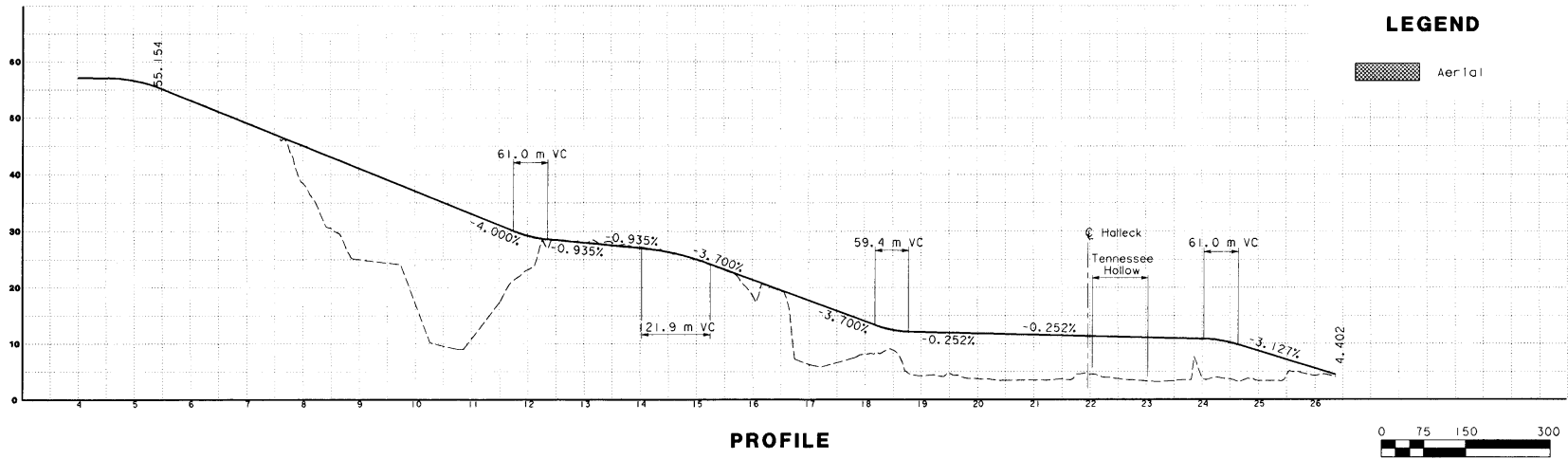
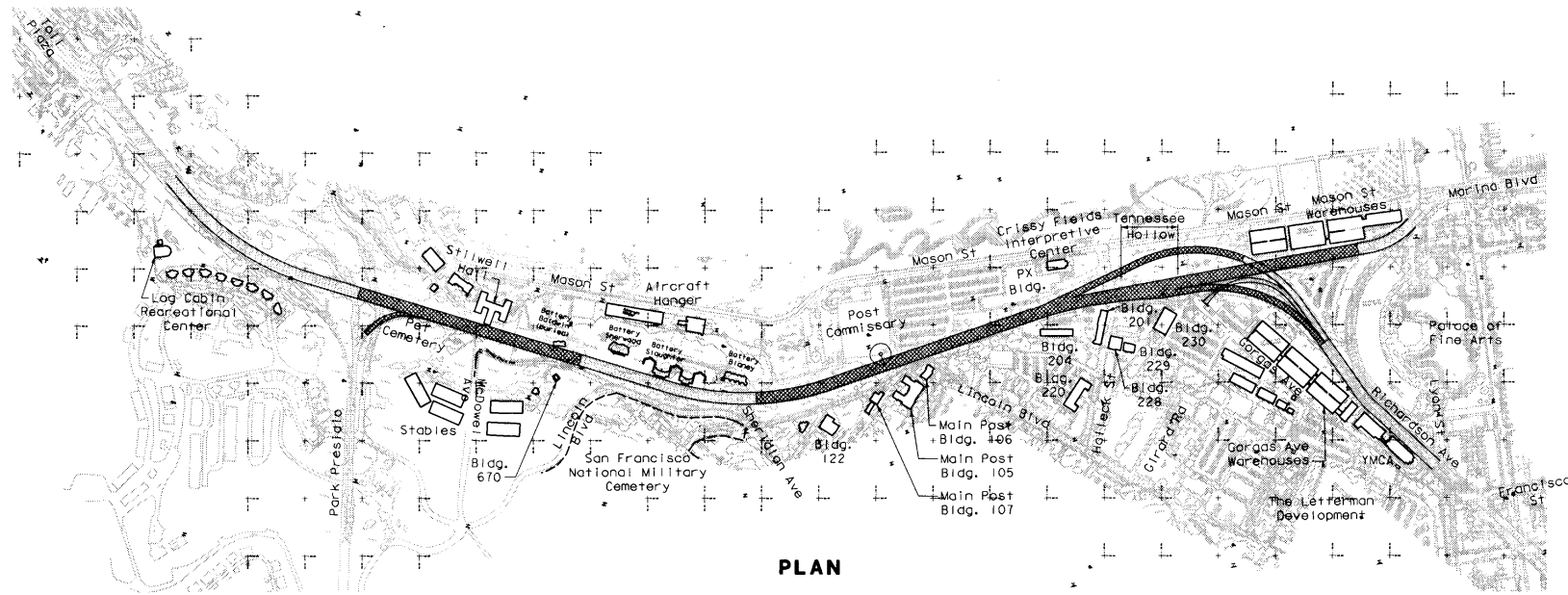
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- Youd T. L. et al, "Liquefaction Resistance of Soils: Summary Report from the 1996 NCEER and 1998 NCEER/NSF Workshops on Evaluation of Liquefaction Resistance of Soils", Journal of Geotechnical and Geoenvironmental Engineering, ASCE, Vol. 127, No. 10, October, 2001

FIGURES

FIGURE 1
PROJECT LOCATION



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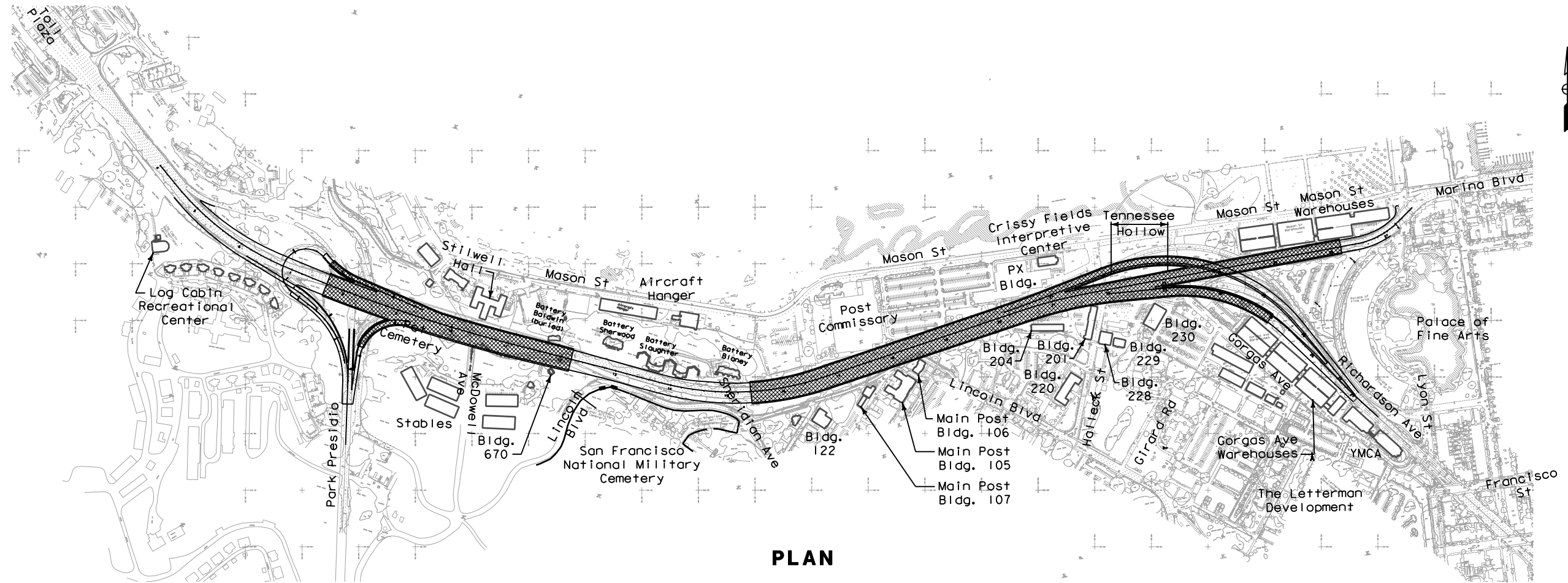


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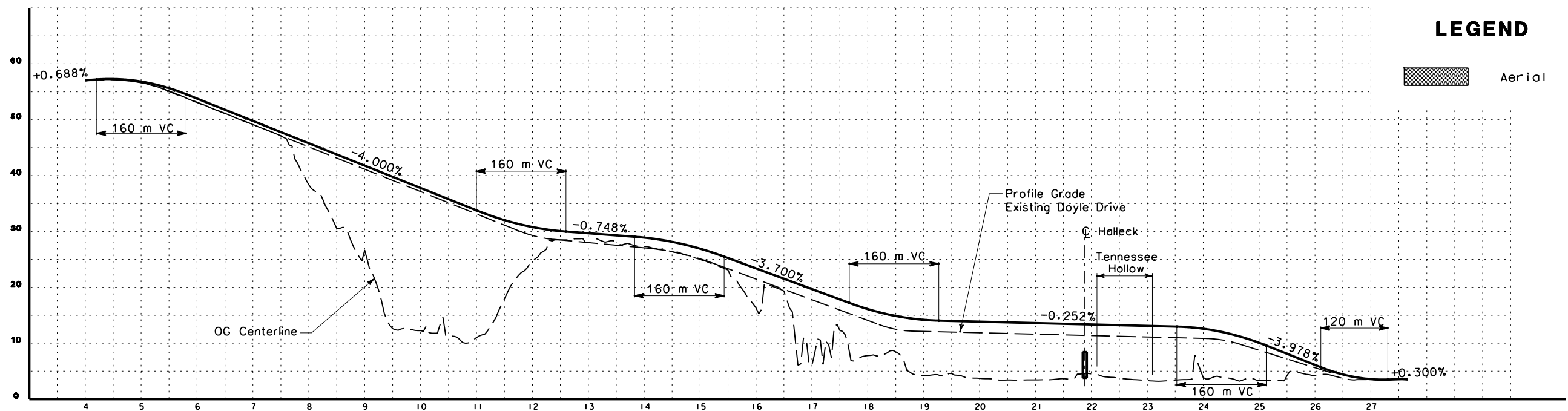


Figure 2A

2a. Replace and Widen - No Detour



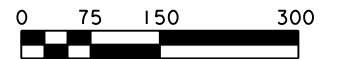
PLAN



PROFILE

LEGEND

 Aerial

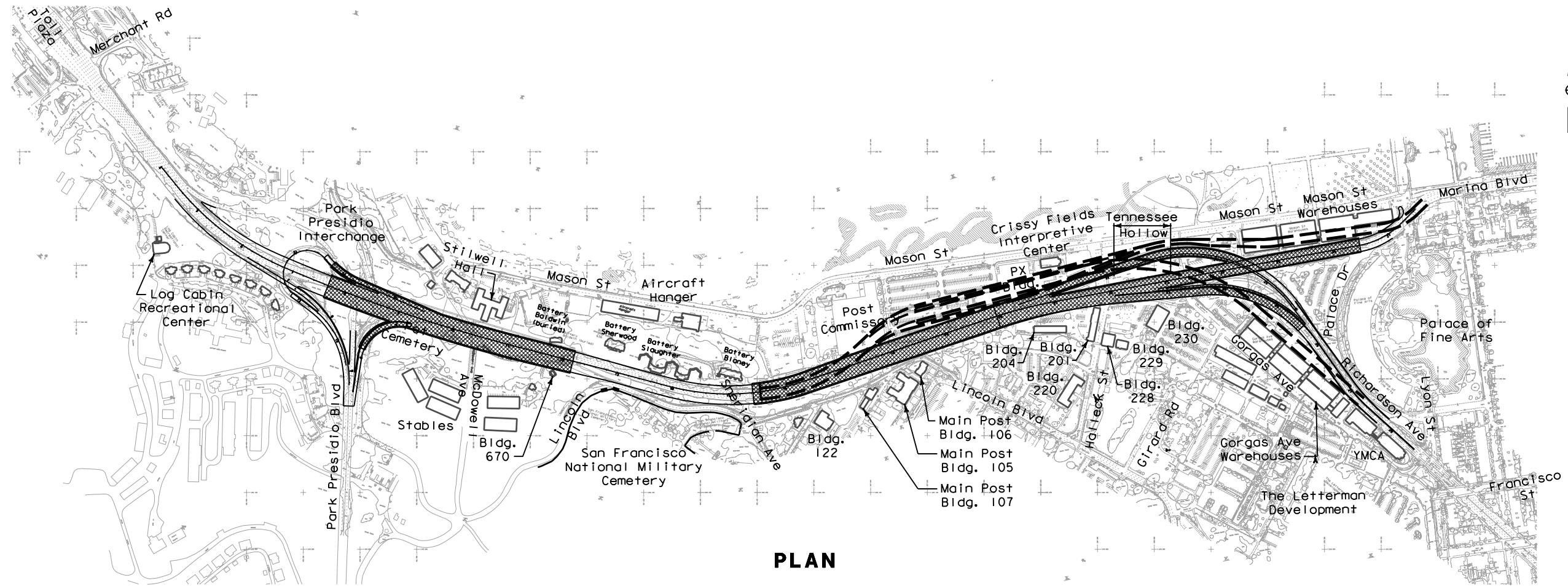


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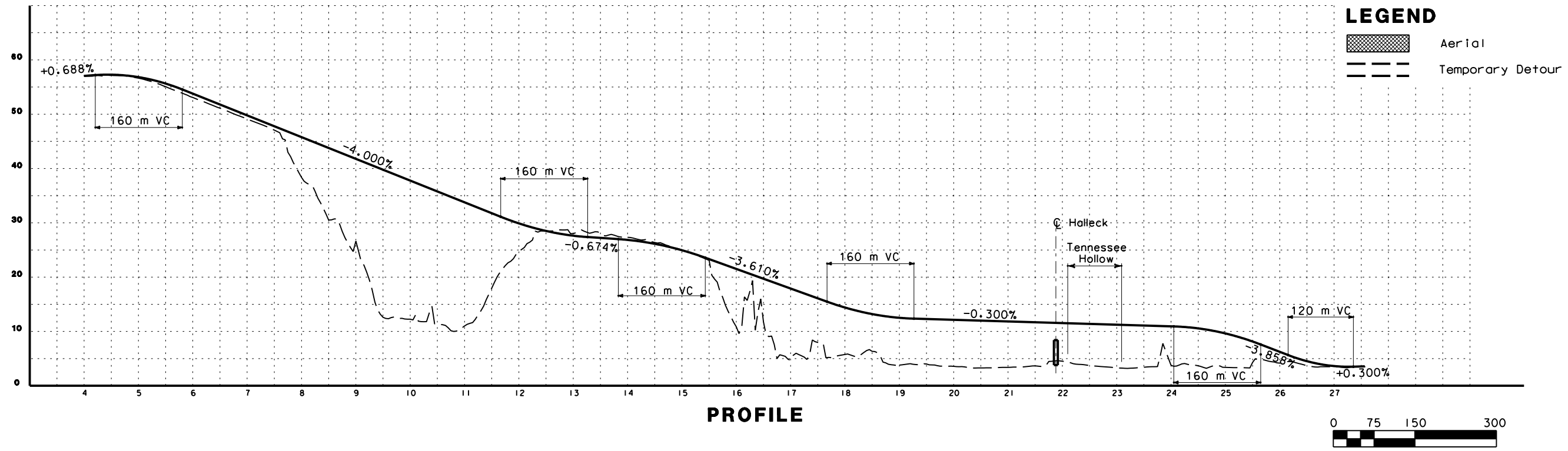


Figure 2B

2. Replace and Widen - With Detour



PLAN



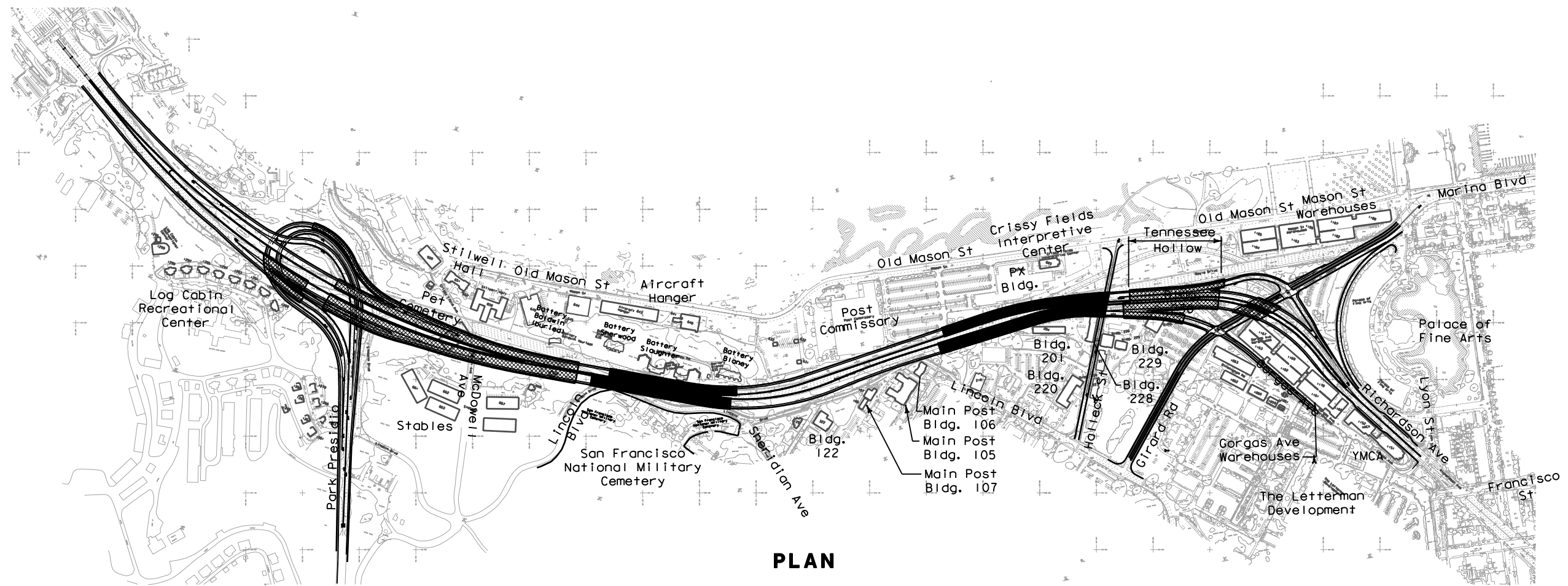
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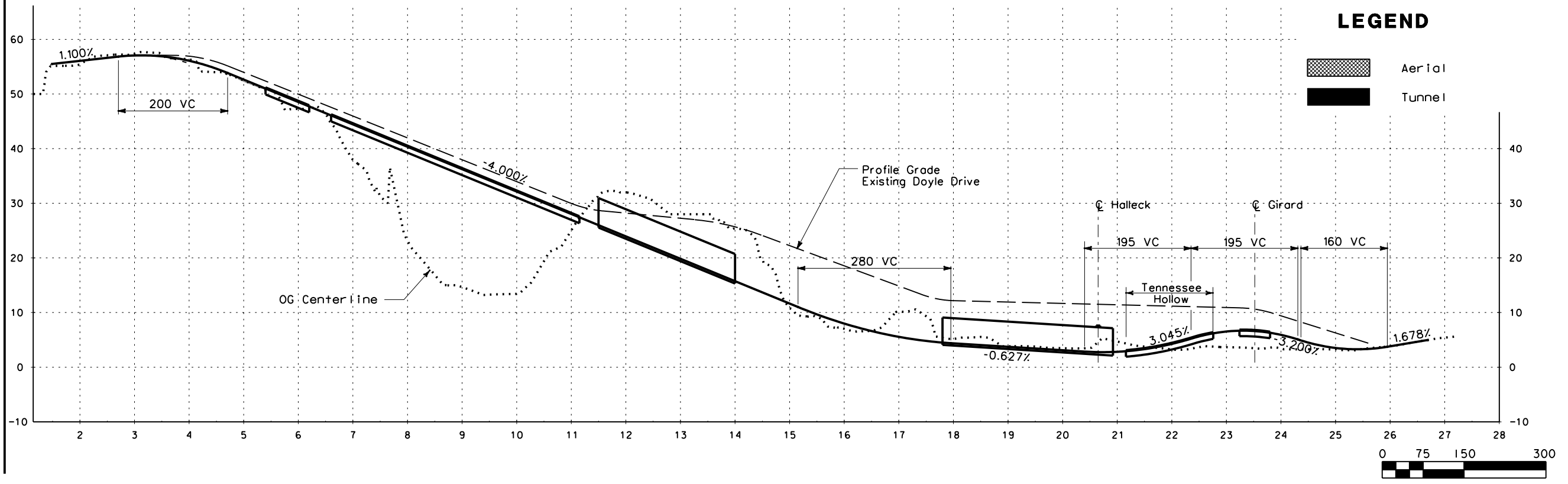


Figure 2C

5. Presidio Parkway



PLAN



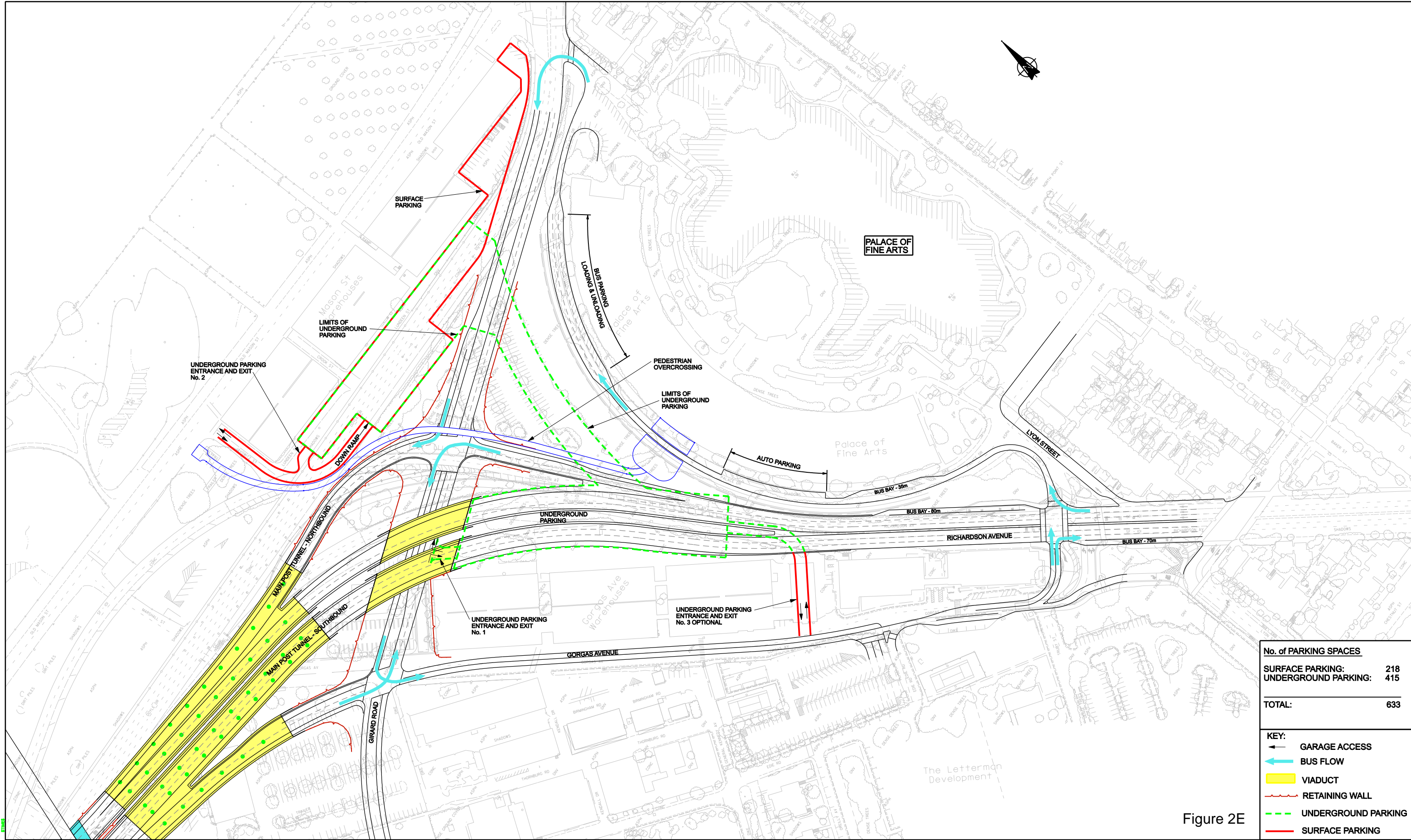
LEGEND

-  Aerial
-  Tunnel

#USER
#DATE
#REQUEST



Figure 2D



No. of PARKING SPACES	
SURFACE PARKING:	218
UNDERGROUND PARKING:	415
TOTAL:	633

KEY:	
	GARAGE ACCESS
	BUS FLOW
	VIADUCT
	RETAINING WALL
	UNDERGROUND PARKING
	SURFACE PARKING

Figure 2E

NOTES:
 1. AUTO PARKING ESTIMATE IS BASED ON THE GUIDLINE OF 32.5 m² per VEHICLE.
 2. VEHICLE CLEARANCE:

 1m Structure
 3m Min

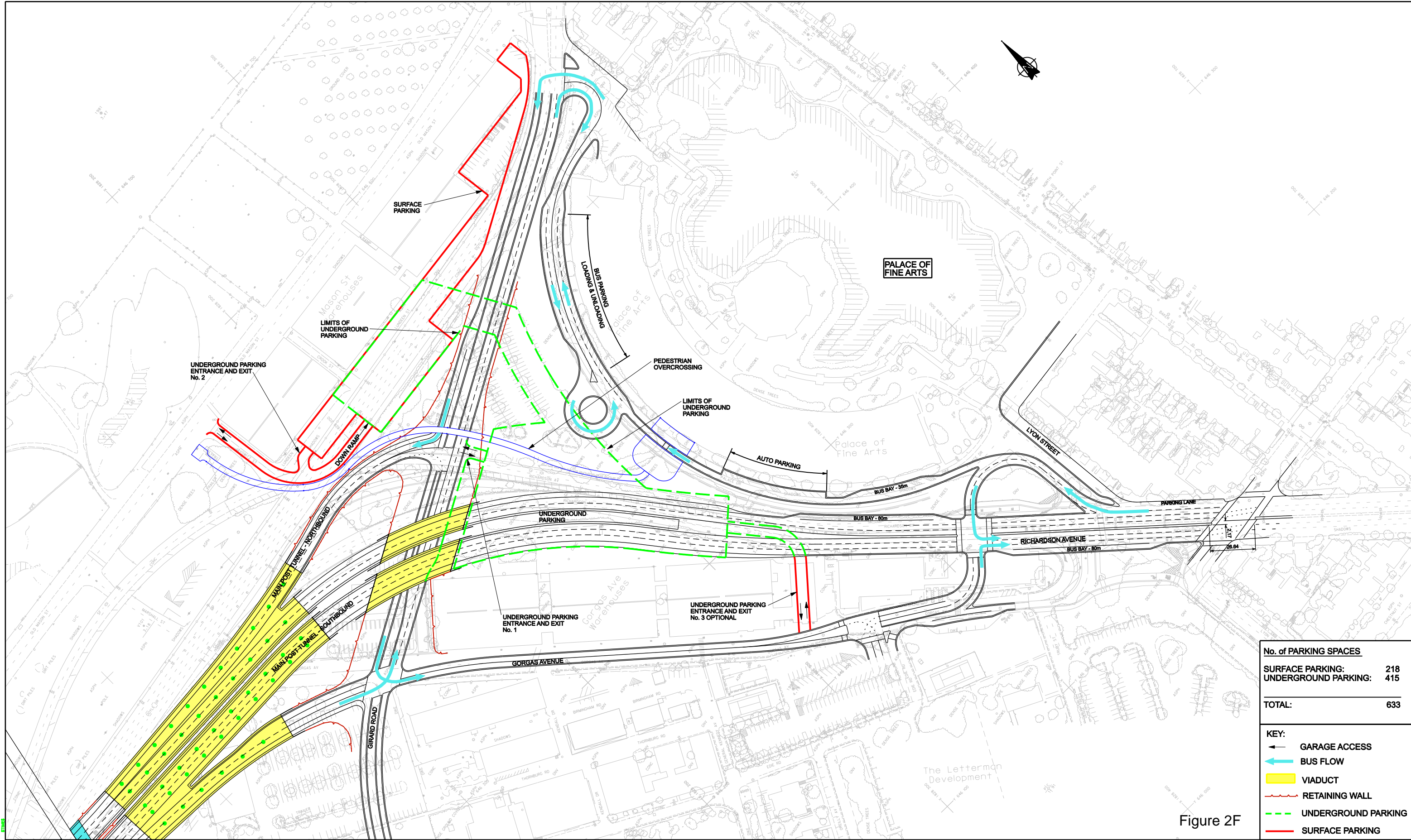


Issue	Date	By	Chk'd	App'd

Job Title
**ALTERNATIVE 5
 PRESIDIO PARKWAY**

Drawing Title
**LAYOUT PLAN
 DIAMOND OPTION
 EAST END
 PARKING & CIRCULATION**

Scale:	1:1000
File Name:	SFSK-052.DGN
Drawing Status:	DRAFT
Job No:	130168-00
Drawing No:	SFSK-052
Issue:	-



No. of PARKING SPACES	
SURFACE PARKING:	218
UNDERGROUND PARKING:	415
TOTAL:	633

KEY:	
	GARAGE ACCESS
	BUS FLOW
	VIADUCT
	RETAINING WALL
	UNDERGROUND PARKING
	SURFACE PARKING

Figure 2F

NOTES.
 1. AUTO PARKING ESTIMATE IS BASED ON THE GUIDLINE OF 32.5 m² per VEHICLE.
 2. VEHICLE CLEARANCE:

 1m Structure
 3m Min

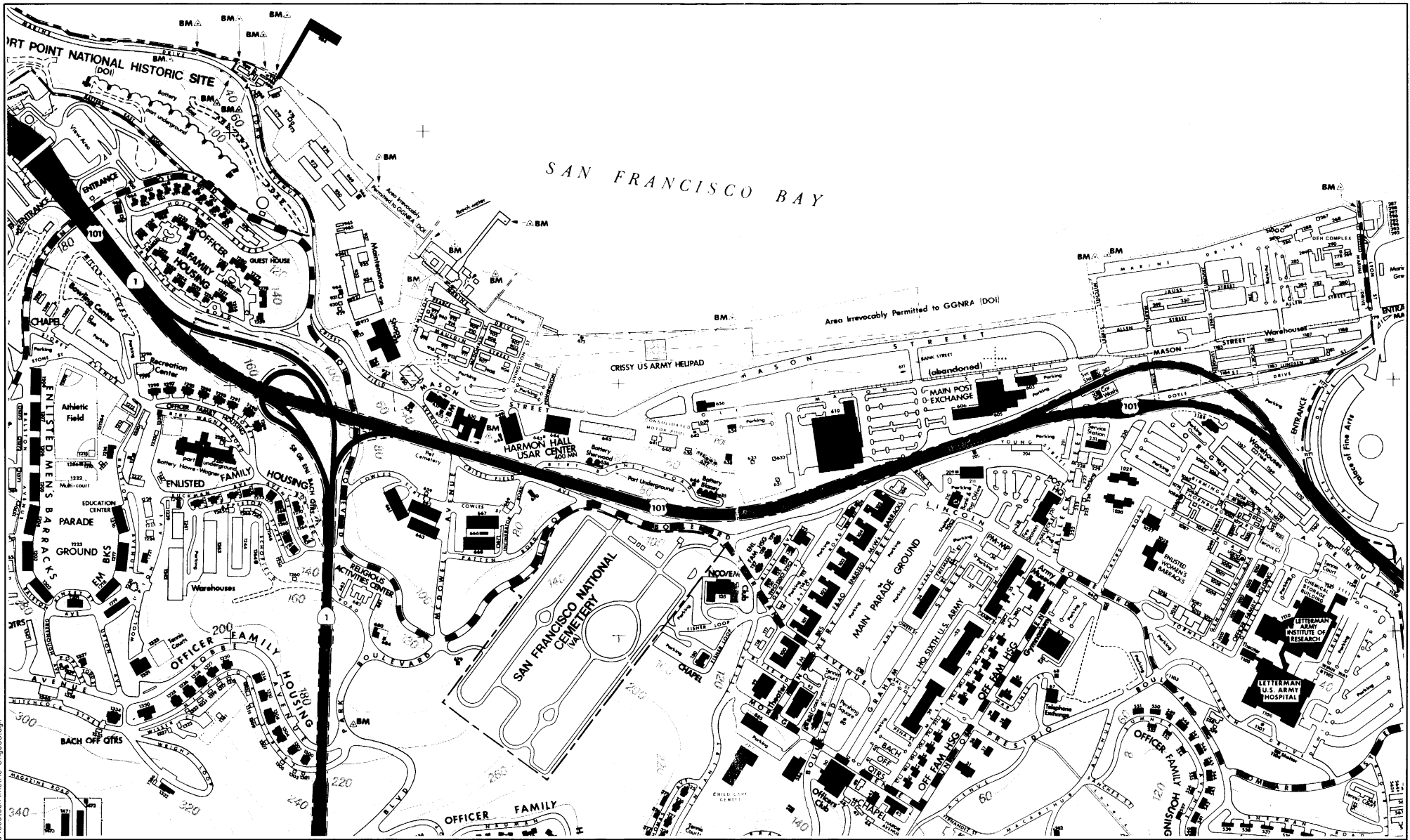


Issue	Date	By	Chk	Appd

Job Title
**ALTERNATIVE 5
 PRESIDIO PARKWAY**

Drawing Title
**LAYOUT PLAN
 CIRCLE DRIVE
 EAST END
 PARKING & CIRCULATION**

Scale:	1:1000
File Name:	SFSK-051.DGN
Drawing Status:	DRAFT
Job No:	130168-00
Drawing No:	SFSK-051
Issue:	-



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 303 Second St., Suite 700N, San Francisco, CA 94107


 Caltrans
Metric

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 Route 101
 City and County of San Francisco
 SFCTA Contract no. 99/00-7

Doyle Drive Environmental & Design Study
**STRUCTURES AND FACILITIES
 IN THE PROJECT VICINITY**
 June 2000 Revision 0 Figure 3

SURFICIAL DEPOSITS

Qaf
Artificial fill
 Predominantly dune sand but includes silt, clay, rock waste from excavations, manmade debris, and organic waste. Probable fill material indicated in parentheses. Maximum thickness approximately 60 feet

Qb
Modern beach deposits
 Predominantly well sorted medium to coarse gray sand; coarse gravel and large cobbles in some places. Maximum thickness approximately 40 feet

Ql **Qly**
Qlo
Landslide deposits
 Generally unstratified mixtures of bedrock, sand, silt, and clay in varying proportions.
 Qly, younger landslide deposits
 Qlo, older landslide deposits

Qal
Alluvium
 Predominantly clayey silty sand and clayey silt, some pebbles; locally clean medium sand, generally gray to brown. Maximum thickness approximately 25 feet; observed thickness 15 feet

Qsr
Slope debris and ravine fill
 Angular rock fragments in sand, silt, and clay matrix; generally light yellow to reddish brown. Maximum thickness approximately 80 feet

Qd
Dune sand
 Clean well-sorted fine to medium sand; yellowish brown to light gray. Maximum thickness approximately 150 feet

Qob
Older beach deposits
 Predominantly well sorted medium to coarse gray sand. Maximum thickness approximately 30 feet

Qc
Colma Formation
 Unconsolidated fine to medium sand with small to moderate amounts of silt and clay; in places includes clay beds, 6 inches to 5 ft thick; cobble-size rubble rare; commonly light brown to gray. Observed thickness 75 feet; probably maximum thickness approximately 300 feet

Qm
Bay mud and clay
 Plastic gray silty clay; some lenses of sand, peat, and shell fragments; fluid to soft upper layers; moderately stiff clay at depth. Consolidated except for exposures north of Corinthian Island and north of Sausalito Point. Maximum thickness approximately 140 feet

Qu
Surficial deposits, undivided

BEDROCK

Ks
Sheared rocks, undifferentiated
 Coherent blocks and pieces of hard rock as much as several hundred feet in diameter, in a matrix of intensely sheared shale and serpentine. Clasts predominantly sandstone, shale, and serpentine, but also include all other rock types known in Franciscan Formation. Matrix gray to greenish gray, moderately firm to soft and clayey; generally expansive and plastic when wet

sph **sp**
Serpentine
 Mostly soft sheared rock containing hard knobs of un-sheared serpentine, rodingite, and rocks of the Franciscan Formation. Derived from peridotites (mostly harzburgite, some dunite).
 sph, hard serpentine, slightly sheared. Shown separately on Potrero Hill only. Various colors, but generally greenish gray, blue, or brown. Includes sheared rocks (Ks) where that unit is mostly serpentine

gb
Gabbro
 Fine- to coarse-grained gabbro; includes diabase where texture is subophitic. Occurs as inclusions or segregations in serpentine

KJss **KJsh** **KJs**
Clastic sedimentary rocks
 KJss, sandstone; thick-bedded and massive graywacke sandstone interbedded with thin layers of shale and fine-grained sandstone; some thick conglomerate lenses.
 KJsh, shale and thin-bedded sandstone; predominantly interbedded and laminated shale and fine-grained graywacke sandstone; beds generally 2 to 5 inches thick.
 KJs, sandstone and shale, undifferentiated; consists of units KJss or KJsh so poorly exposed that predominant lithology could not be determined.
 Sandstone and shale at Point Lobos and vicinity west of City College fault zone is probably Great Valley sequence of Bailey, Irwin, and Jones (1964, p. 123)

Kjc
Radiolarian chert and shale
 Reddish-brown; alternate beds of hard brittle chert, 1 to 5 inches thick, and firm brittle shale, 1/8 to 1/2 inch thick. Locally includes bodies of massive chert

KJg
Greenstone
 Greenish-gray aphanitic to medium-grained altered volcanic rocks; predominantly basalt. Includes flows, agglomerate, and tuff; pillow lavas common; less commonly massive; interbedded with radiolarian chert and sandstone

KJm
Metamorphic rocks
 Fine- to coarse-grained slate, schist, and granofels of the blueschist facies

Reference: Schlocker (1974)

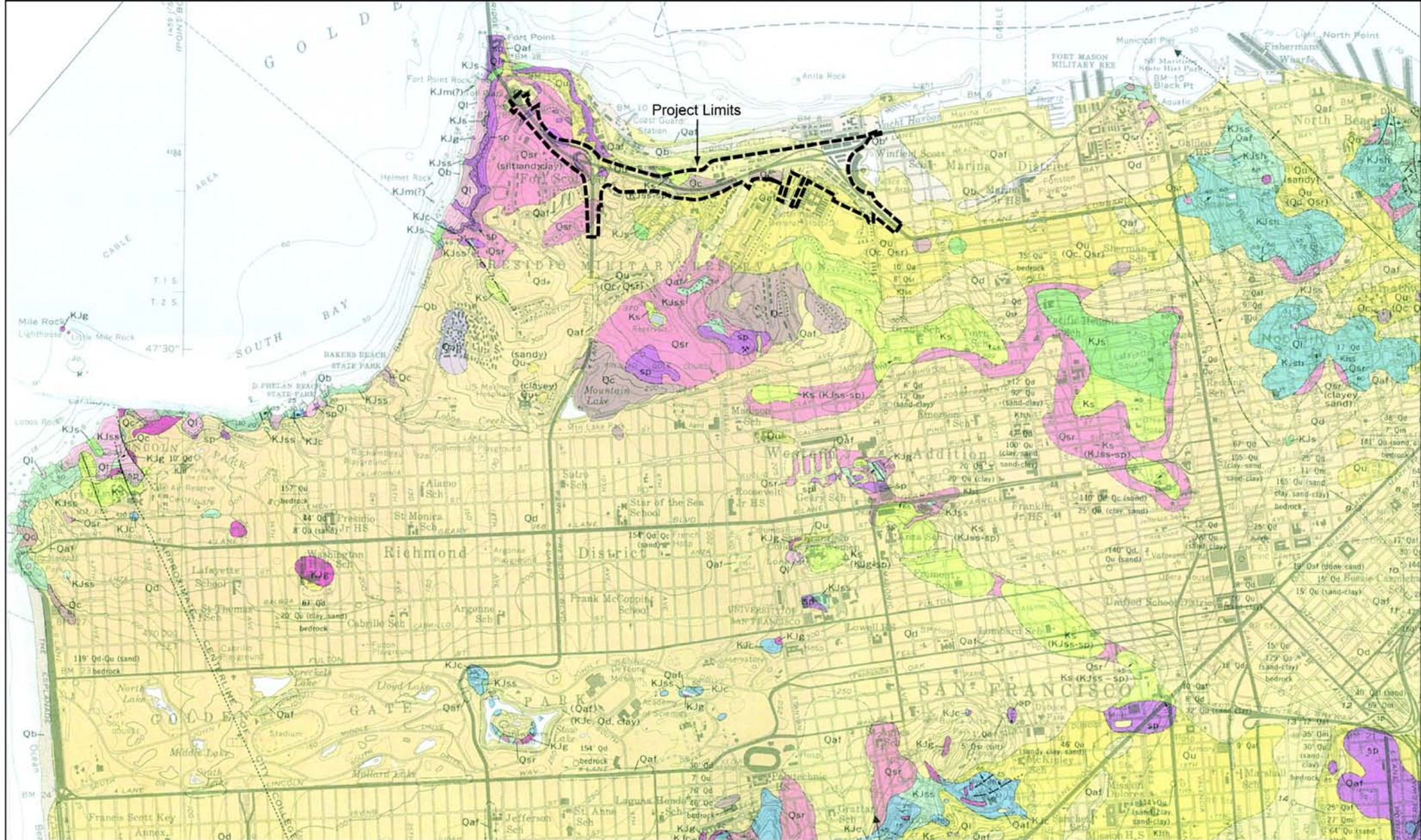
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PB PARSONS BRINCKERHOFF
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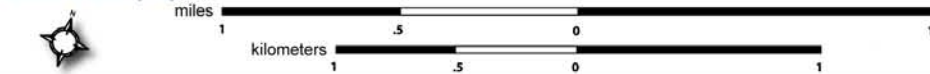
Caltrans METRIC

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 Route 101
 City and County of San Francisco
 SFCTA Contract no. 99/00-7

Doyle Drive Environmental & Design Study
SITE GEOLOGICAL MAP EXPLANATION
 June 2000 Revision 0 Figure 4A



Reference: Schlocker (1974)

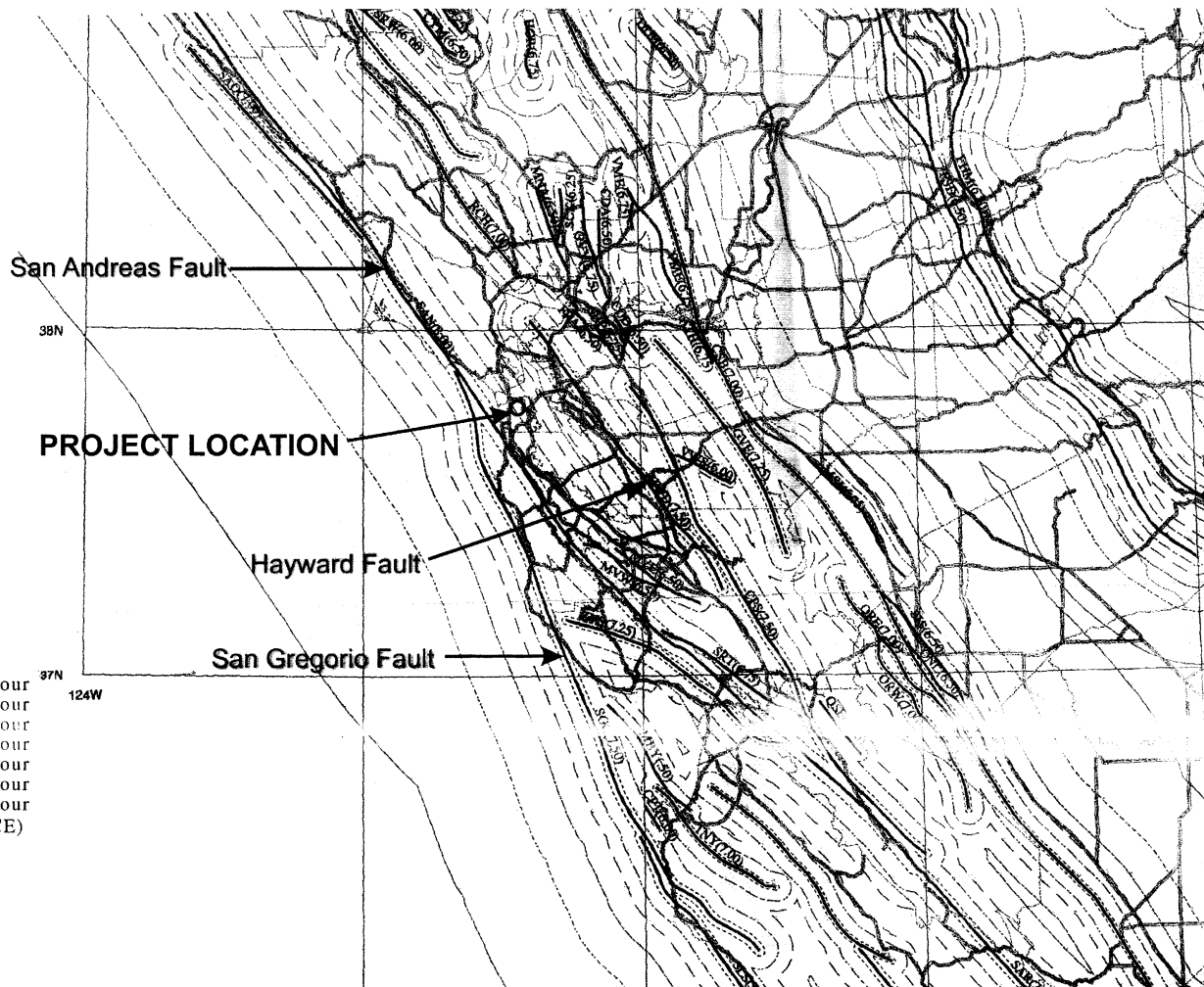
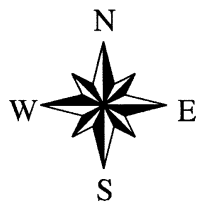


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 Route 101
 City and County of San Francisco
 SFCTA Contract no. 99/00-7

Doyle Drive Environmental & Design Study		
SITE GEOLOGICAL MAP		
June 2000	Revision 0	Figure 4



LEGEND:

- 0.7g Peak Acceleration Contour
- 0.6g Peak Acceleration Contour
- 0.5g Peak Acceleration Contour
- 0.4g Peak Acceleration Contour
- 0.3g Peak Acceleration Contour
- 0.2g Peak Acceleration Contour
- 0.1g Peak Acceleration Contour
- Faults with Fault Codes (MCE)
- State Highways
- County Boundary
- Latitude & Longitude

SCALE

0 50 100 150 200 250 Kilometers



PB PARSONS BRINCKERHOFF
190 YEARS
 303 Second St., Suite 700N, San Francisco, CA 94107



Caltrans District 4
 Doyle Drive
 City and County of San Francisco
 SFCTA Contract no. 09/00-7

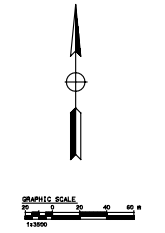
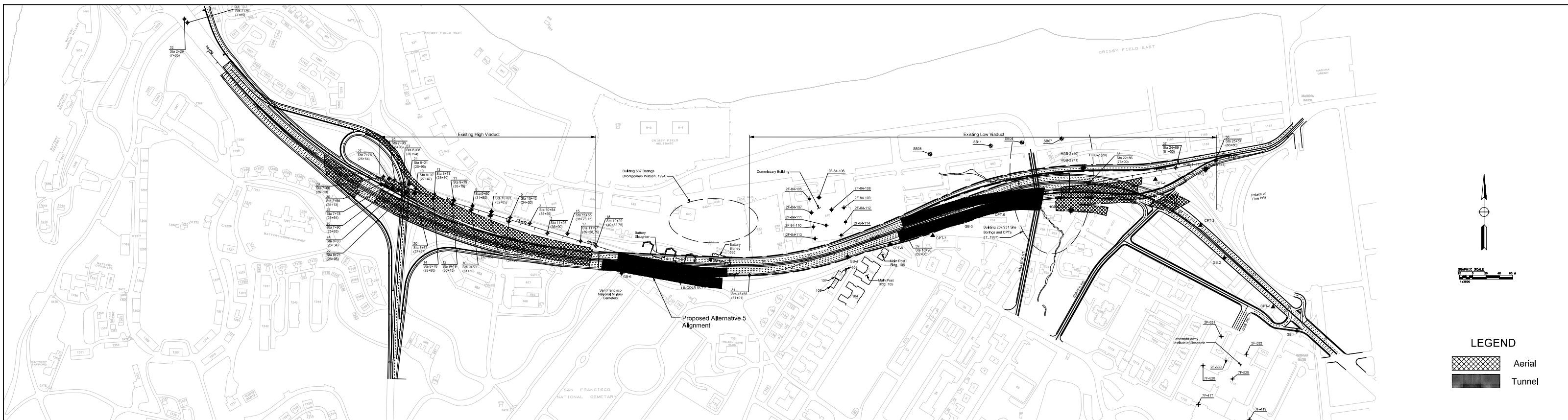
Doyle Drive Environmental & Design Study

**SEISMIC HAZARD MAP
 OF SITE VICINITY**



June 2000



Revision 0

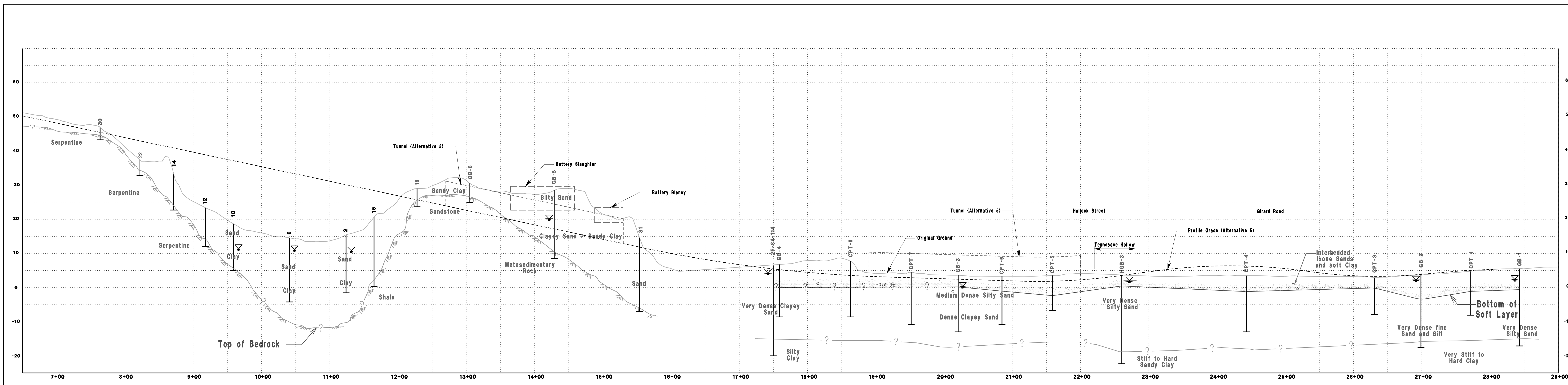
Figure 5



LEGEND

	Aerial
	Tunnel

Key to Borings: Golden Gate Bridge & Highway District, 1933 Boring No. → 30 Approx. Hwy 101 Station in meters → Sta 7+73 (25+13) 1933 roadway stationing in feet → Approximate Boring Location	U.S. Army Corps of Engineers, 1971 Boring No. → 2F-531 Approximate Boring Location	U.S. Army Corps of Engineers, 1987 Boring No. → 2F-84-109 Approximate Boring Location	HTA Geotechnical Investigation, 1998 Boring No. → SB07 Approximate Boring Location	Preliminary Investigations by Taber, January 2001 Boring No. → GB-4 HGB-3 (74) → Approximate Boring/Well Location Boring No. → CPT-8 → Approximate CPT Location	 PARSONS BRINCKERHOFF 100 303 Second St., Suite 700N, San Francisco, CA 94107	 Metro Caltrans District 4 Route 101 City and County of San Francisco SFCTA Contract no. 99/00-7	Doyle Drive Environmental & Design Study BORING LOCATION PLAN September 2004 Revision 0 Figure 6
					File Name: 12/19/2004 11:43:10 AM File Path: \\13149\lan\Geotech\Map\101_GFD0006a.dwg		



DRAFT

Note: Profile represents the Alignment for Detour Construction, Tunnel under Halleck Alternative, Direct Marina Tunnel and Signalized Marina Connection (Alternative S)

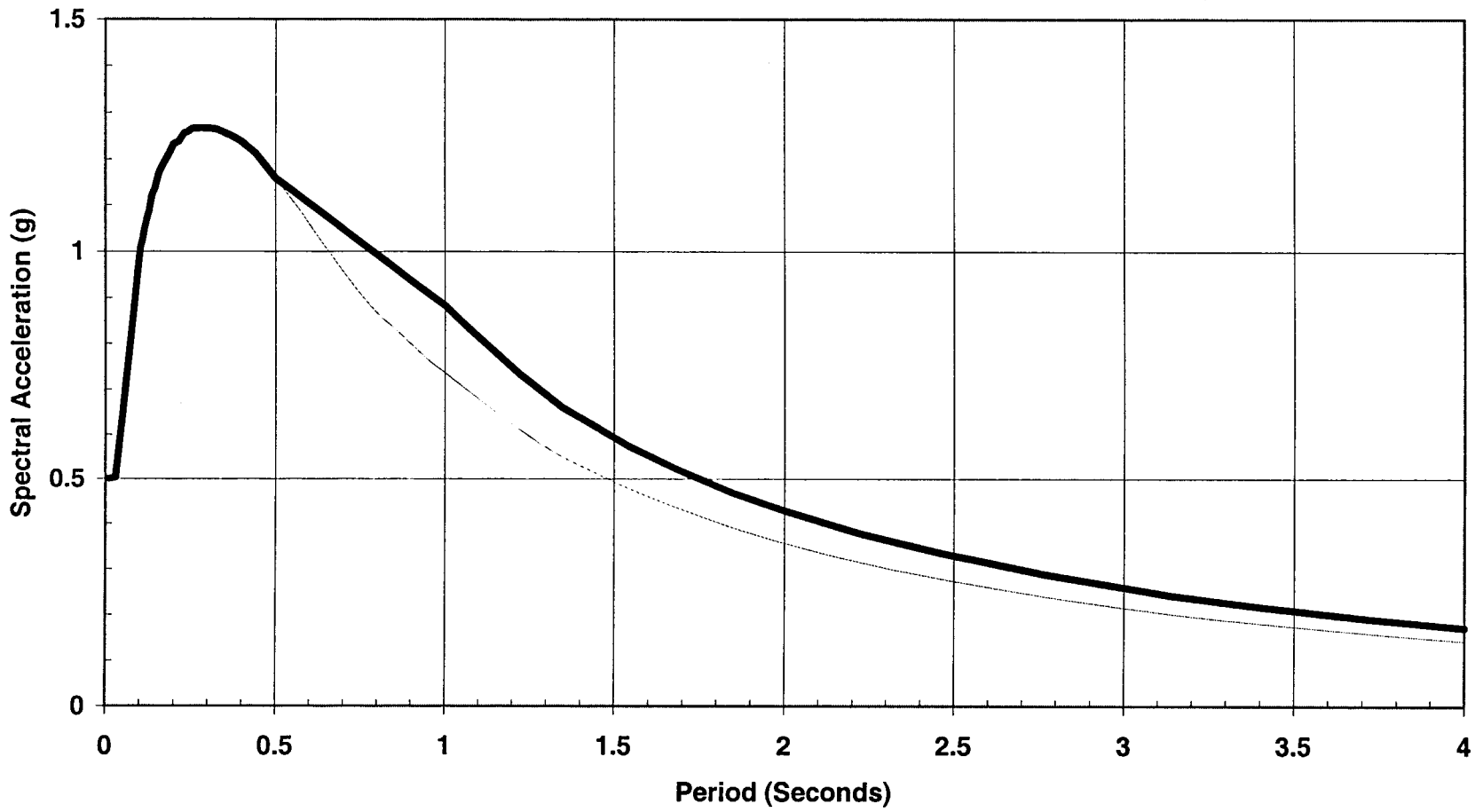
Key: Boring, Water Table

Piedmont Road Borings - 22 1933 (Sheet No A-11)
 Geotechnical Boring/Well (Taber, 2001) - GB-4, HGB-3
 Cone Penetration Test Location (Taber, 2001) - CPT-3
 US Army Corps of Engineers, 1987 - 2F-84-114

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 Route 101
 City and County of San Francisco
 SFCFTA Contract no. 98/00-7

Doyle Drive Environmental & Design Study
PROJECT AND SOIL PROFILES
 June 2004 Revision 0 Figure 7



----- BaseCurveM8C0.5g — DoyleDrive 2



303 Second St., Suite 700N, San Francisco, CA 94107



Caltrans District 4
 Route 101
 City and County of San Francisco
 SFCTA Contract no. 99/00-7

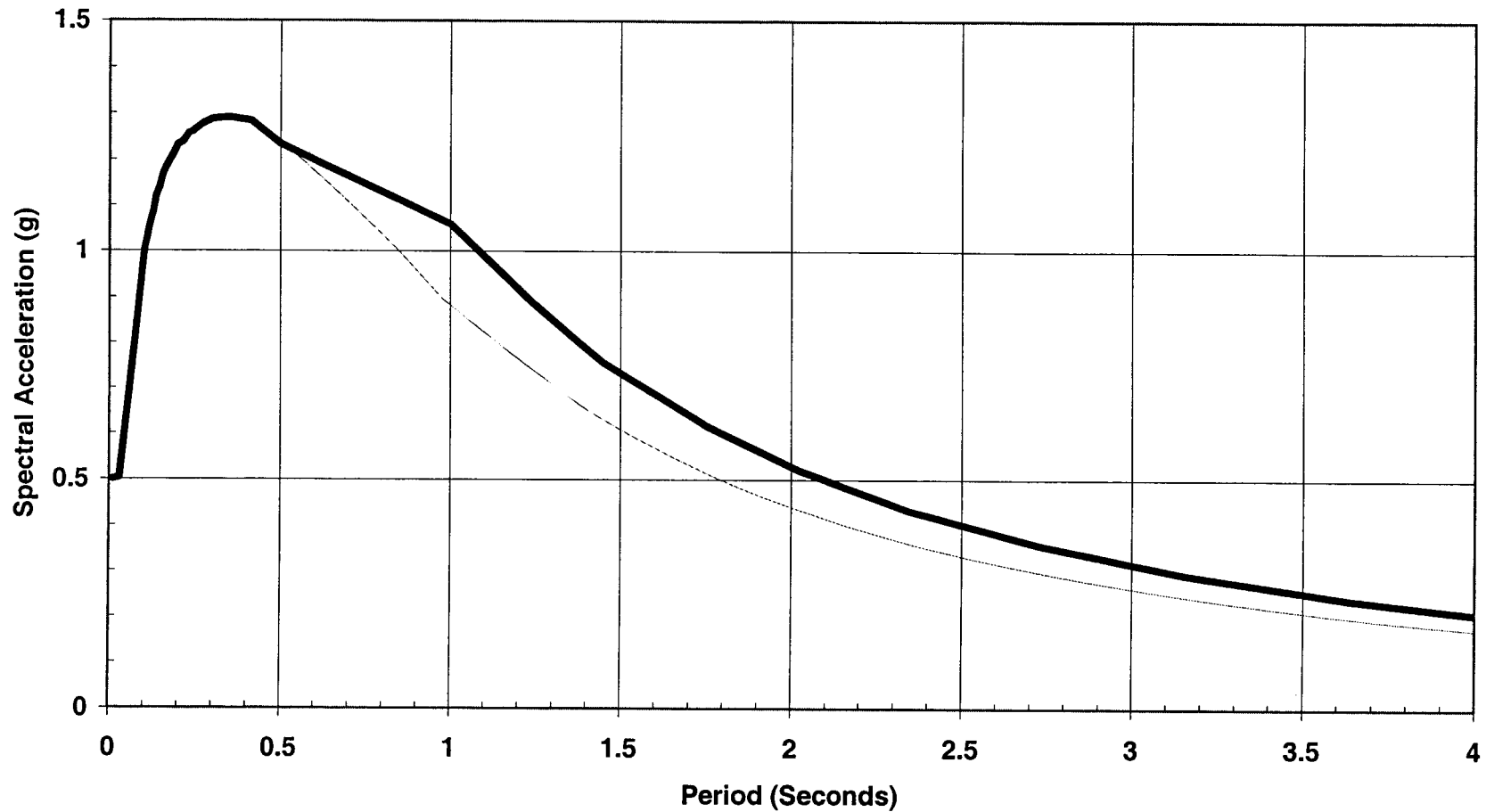
Doyle Drive Environmental & Design Study

ARS DESIGN CURVE
 FOR SOIL PROFILE TYPE C

May 2001

Revision 0

Figure 8



----- BaseCurveM8D0.5g — DoyleDrive 1

APPENDIX A

EXISTING AVAILABLE BORING LOGS

PRESIDIO BORING LOGS	A-1
COMMISSARY BUILDING BORING LOGS	A-2 TO A-6
LETTERMAN ARMY HOSPITAL BORING LOGS.....	A-7 & A-8
CRISSY FIELD BORING LOGS.....	A-9 TO A-13
BUILDING 207/231 – CPT LOCATIONS	A-14
BUILDING 207/231 – TYPICAL CPT RESULTS	A-15 TO A-1

The As-Built Log of Test Boring Sheets were used to prepare the geotechnical report.

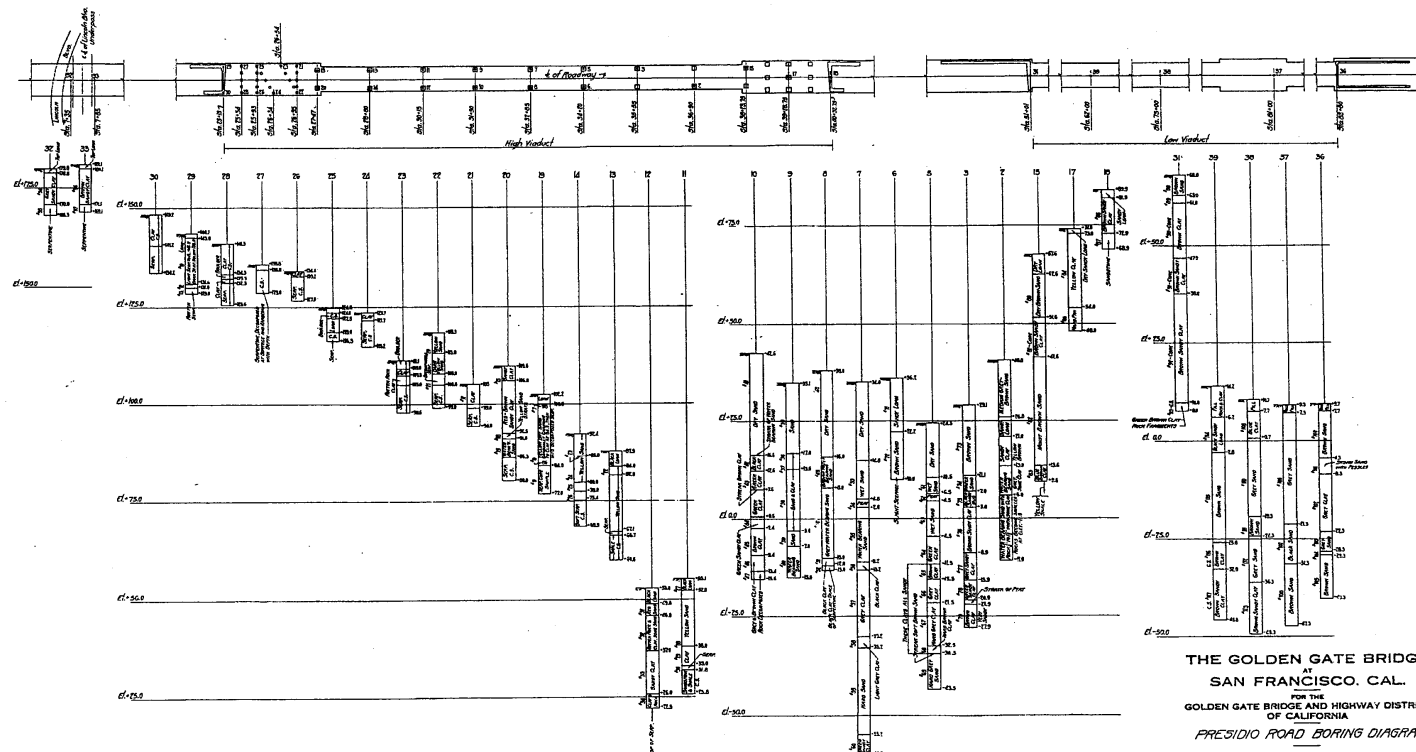
José Luis
 GEOTECHNICAL PROFESSIONAL



2-6-95
 TO ACCOMPANY PLANS DATED

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	101	9.1/9.4	76	80

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.



GENERAL NOTES:-
 - Indicates location of boring. All distances given are for "top" of borings.
 - "C" indicates core groups.
 - Number to left of "C" indicates sample number.
 - Number to right of "C" indicates elevation.

THE GOLDEN GATE BRIDGE
 AT
 SAN FRANCISCO, CAL.
 FROM THE
 GOLDEN GATE BRIDGE AND HIGHWAY DISTRICT
 OF CALIFORNIA
 PRESIDIO ROAD BORING DIAGRAM

DATE: SEPT. 22, 1953
 CHECKED: *[Signature]*
 DRAWN: *[Signature]*
 PLANS PREPARED BY: STRANES ENGINEERS CONSULTANTS
 DATE: 12/1/53

NO AS-BUILT CHANGES
AS BUILT
 CORRECTIONS BY *T. Beck*
 CONTRACT NO. 04-141701
 DATE 3/21/97 BY 211/42

05/10/97
 FILE NAME : C:\ASB\PRESIDIO\BLOG.BUILDING
 PLOT SCALE : 1"=1'

M. CULLEN DESIGN OVERSEER 12-7-94	NOTE:	DESIGN	BY	CHECKED	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	PRESIDIO VIADUCT
	ADDITIONAL AS-BUILT FOUNDATION DATA MAY BE AVAILABLE AT THE OFFICE OF TRANSPORTATION MATERIALS AND RESEARCH 9900 FOLSOM BOULEVARD SACRAMENTO, CALIFORNIA 95819	DETAILS	BY	CHECKED	J. VINCENT PROJECT ENGINEER	34 - 19	AS-BUILT LOG OF TEST BORINGS 1
		QUANTITIES	BY	CHECKED	CL: 04 EA: 141701	POST MILE 9.1 - 9.4	
		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			DISREGARD PRINTS BEARING EARLIER REVISION DATES	SHEET 65 OF 65	
					CONTRACT NO.: 590042		

FUNCTIONAL ANALYSIS - VE PAYS

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS	GROUP SYMBOLS	TYPICAL NAMES	
COARSE GRAINED SOILS 50% OR MORE RETAINED ON THE NO. 200 SIEVE.	GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES.	
	GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES.	
	GM	SILTY GRAVELS, GRAVEL-SAND MIXTURES.	
	GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES.	
	SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.	
	SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.	
	SM	SILTY SANDS, SAND-SILT MIXTURES.	
	SC	CLAYEY SANDS, SAND-CLAY MIXTURES.	
	FINE GRAINED SOILS MORE THAN 50% PASSING THE NO. 200 SIEVE.	ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOW, SILTY FINE SANDS OR SILTS, PLASTICITY BELOW "A" LINE.
		CL	INORGANIC CLAYS, GRAVELLY CLAYS, SANDY CLAYS, LEAM CLAYS, PLASTICITY ABOVE "A" LINE.
OL		ORGANIC SILTS AND ORGANIC CLAYS, PLASTICITY BELOW "A" LINE.	
OH		ORGANIC SILTS, MICACIOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS, PLASTICITY BELOW "A" LINE.	
CH		INORGANIC FAT CLAYS, PLASTICITY ABOVE "A" LINE.	
CO		ORGANIC FAT CLAYS OR ORGANIC SILTS, PLASTICITY ABOVE "A" LINE.	
FI		FAT ORGANIC CLAYEY SILTS, PLASTICITY ABOVE "A" LINE.	
HIGHLY ORGANIC SOILS		PT	PEAT ORGANIC COHESIVE SOILS, THIN SOILS.
		PM	PEAT ORGANIC COHESIVE SOILS, THICK SOILS.

STANDARD PENETROMETER DESCRIPTIVE DATA

BLMS*	RELATIVE DENSITY	BLMS*	CONSISTENCY
0-4	VERY LOOSE	0-1	VERY SOFT
5-10	LOOSE	2-4	SOFT
11-20	FIRM	5-8	FIRM
21-30	VERY FIRM	9-15	STIFF
31-50	DENSE	16-30	VERY STIFF
51+	VERY DENSE	30+	HARD

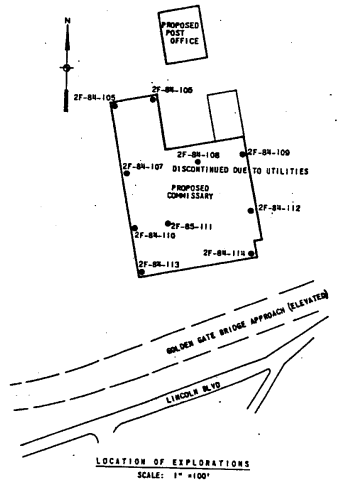
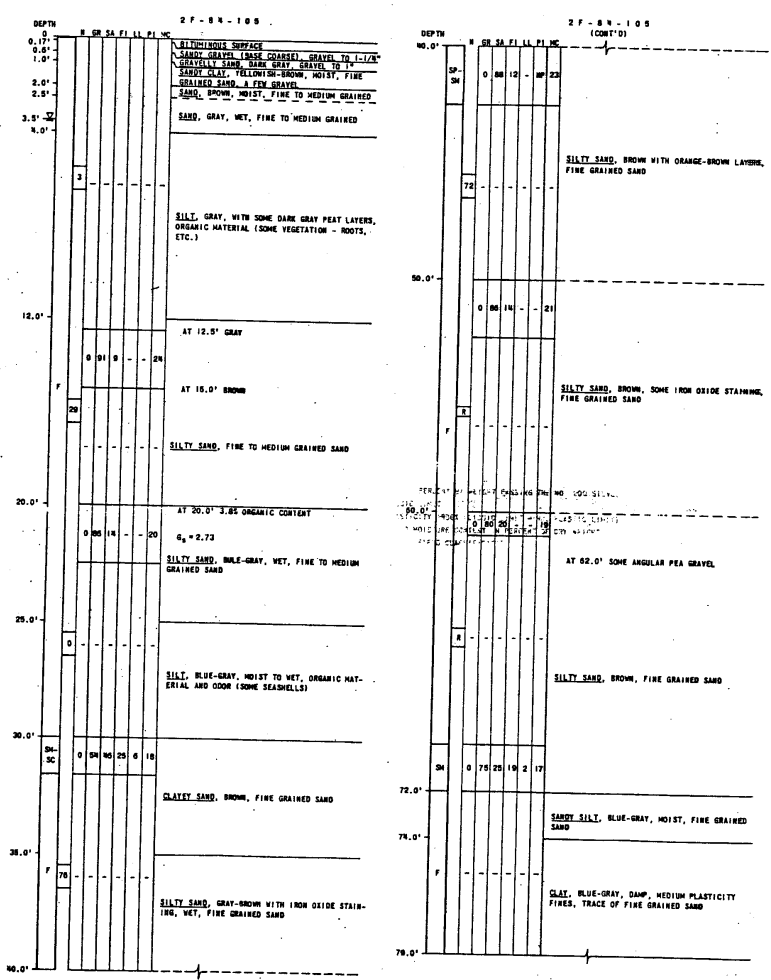
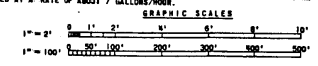
*BLMS PER 1.0 FT. OF PENETRATION OF A 2-INCH O.D. AND 1/2-INCH I.D. SAMPLER DRIVEN BY A 140-LB. HAMMER, 30-INCH FREEFALL.

LEGEND

- 27-84-118 LOCATION OF EXPLORATION.
- GR GRAVELS, PERCENT BY WEIGHT PASSING 3-INCH SIEVE AND RETAINED ON THE NO. 4 SIEVE.
- SS SANDS, PERCENT BY WEIGHT PASSING THE NO. 4 SIEVE AND RETAINED ON THE NO. 200 SIEVE.
- FI FINES, PERCENT BY WEIGHT PASSING THE NO. 200 SIEVE.
- LL LIQUID LIMIT.
- PI PLASTICITY INDEX (LIQUID LIMIT MINUS PLASTICITY LIMIT).
- MC FIELD MOISTURE CONTENT IN PERCENT OF DRY WEIGHT.
- F VISUAL FIELD CLASSIFICATION.
- L LABORATORY VISUAL CLASSIFICATION.
- N NUMBER OF BLOMS OF STANDARD PENETROMETER.
- R REFUSAL WITH STANDARD PENETROMETER.
- A ATTEMPT WITH STANDARD PENETROMETER.
- W WATER LEVEL.

NOTES

1. CLASSIFICATIONS ARE IN ACCORDANCE WITH THE UNIFIED SOILS CLASSIFICATION SYSTEM (ASTM D-2927).
2. ALL SIEVE SIZES ON THE CHART ARE U.S. STANDARDS.
3. THE TERMS "SILT" AND "CLAY" ARE USED RESPECTIVELY TO DISTINGUISH MATERIALS EXHIBITING LOWER PLASTICITY FROM THOSE WITH HIGHER PLASTICITY. THE MINUS NO. 200 SIEVE MATERIAL IS CLASSIFIED AS SILT IF THE LIQUID LIMIT AND PLASTICITY INDEX PLOT BELOW THE "A" LINE ON THE PLASTICITY CHART (ASTM D-2927) AND IS CLASSIFIED AS CLAY IF THE LIQUID LIMIT AND PLASTICITY INDEX PLOT ABOVE THE "A" LINE ON THE CHART.
4. BOREHOLE CLASSIFICATIONS: SOILS POSSESSING CHARACTERISTICS OF TWO GROUPS ARE DESIGNATED BY COMBINATIONS OF GROUP SYMBOLS (FOR EXAMPLE, SW-SC, A WELL-GRADED GRAVEL-SAND MIXTURE WITH A CLAY BINDER).
5. BORINGS WERE DRILLED BY THROUGH 28 JUNE 1968 TO REFUSAL IN WEATHERED BEDROCK (EXCEPT FOR BORINGS 27-84-112 & 113) WITH A FALLING 750 DRILL PMS UTILIZING A 5-1/2" O.D. BIT TO ADVANCE THE HOLE. BORINGS 27-84-107, 111, AND 117 USED A TRICONE BIT WITH HYDRAULIC PRESSURE TO ADVANCE THE HOLE. THE WEATHERED BEDROCK, BORING 27-84-108 ENCOUNTERED A UNITED ELECTRICAL POWER LINE AT A FEET DEPTH WHICH CAUSED A PARTIAL POWER OUTAGE ON THE BASE. AN ATTEMPT WAS MADE TO RELOCATE 27-84-108 NEARBY, BUT FACILITIES PERSONNEL WOULD NOT GIVE PERMISSION. STANDARD PENETROMETER DATA WAS COLLECTED IN ALL BORINGS. UNDISTURBED SAMPLES WERE COLLECTED IN BORINGS 27-84-105, 107 AND 113. A COLLAR PIPE WAS REQUIRED IN EACH BORING.
6. GROUNDWATER WAS ENCOUNTERED DURING DRILLING AS INDICATED ON THE LOGS. BORING 27-84-118 ENCOUNTERED AN ARTESIAN WATER CONDITION, WATER FLOWED AT A RATE OF ABOUT 7 GALLONS/POUR.



NOTES (CONT'D)

7. REFUSAL OF THE STANDARD PENETROMETER IS DEFINED AS ONE OF THE FOLLOWING:
 - A. 25 BLOMS FOR 1" OR LESS ADVANCEMENT OF SAMPLER, OR
 - B. 50 BLOMS FOR 1" TO 6" ADVANCEMENT OF SAMPLER.
8. ATTEMPT WITH THE STANDARD PENETROMETER IS DEFINED AS REFUSAL WITHIN THE FIRST 5" SEATING PENETRATION.
9. WHERE BLOW COUNT EQUALS 10" (18" COLUMN) PENETROMETER ADVANCED UNDER ITS OWN WEIGHT.

VERTICAL SCALE: 1" = 2'

SAFETY PAYS

DEPARTMENT OF THE ARMY
SACRAMENTO DISTRICT, CHIEF OF ENGINEERS
SACRAMENTO, CALIFORNIA

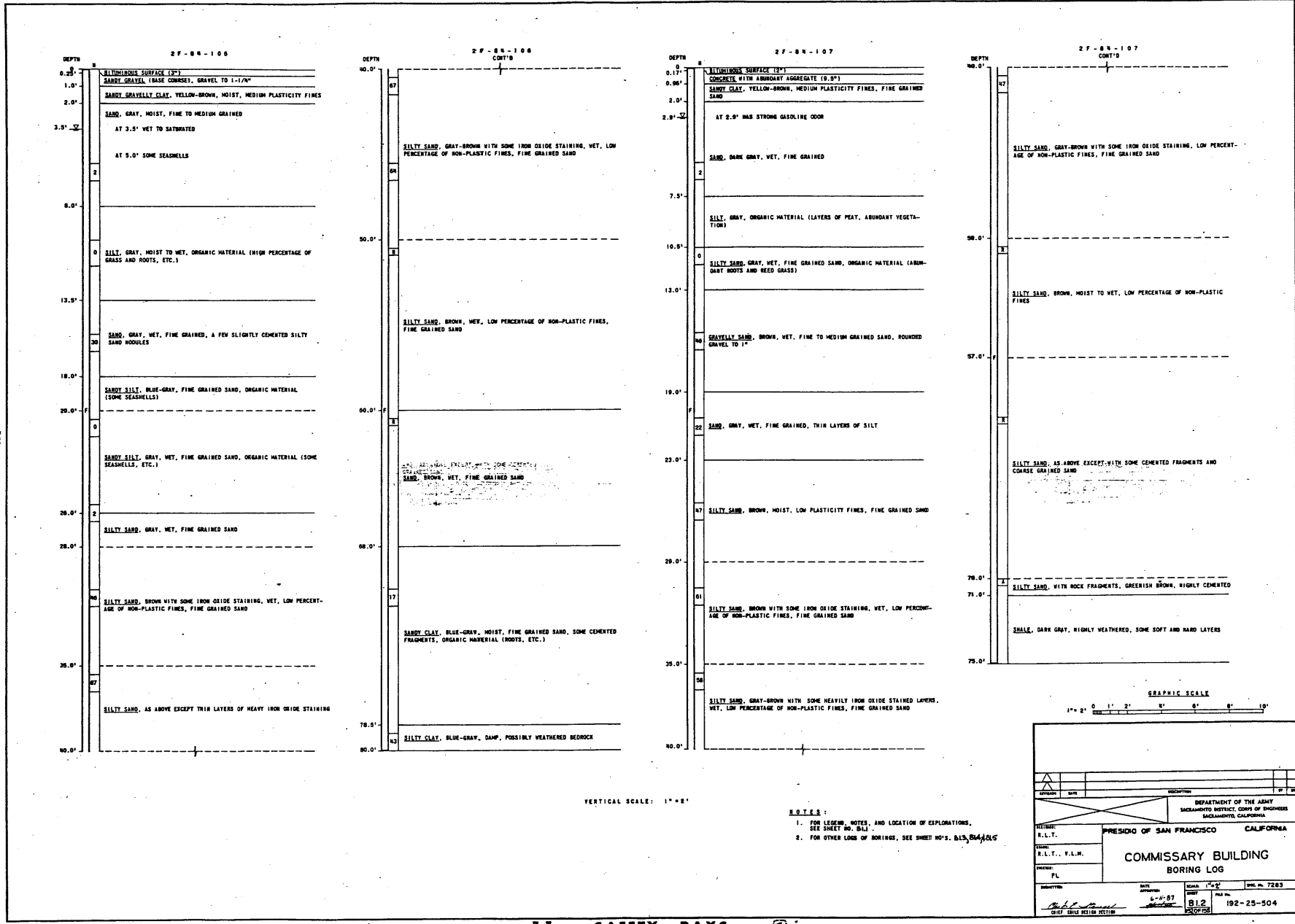
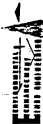
R.L.T.
A.E.R., R.M.E.

COMMISSARY BUILDING
BORING LOG

DATE: 6-19-68
BY: [Signature]
CHECKED BY: [Signature]

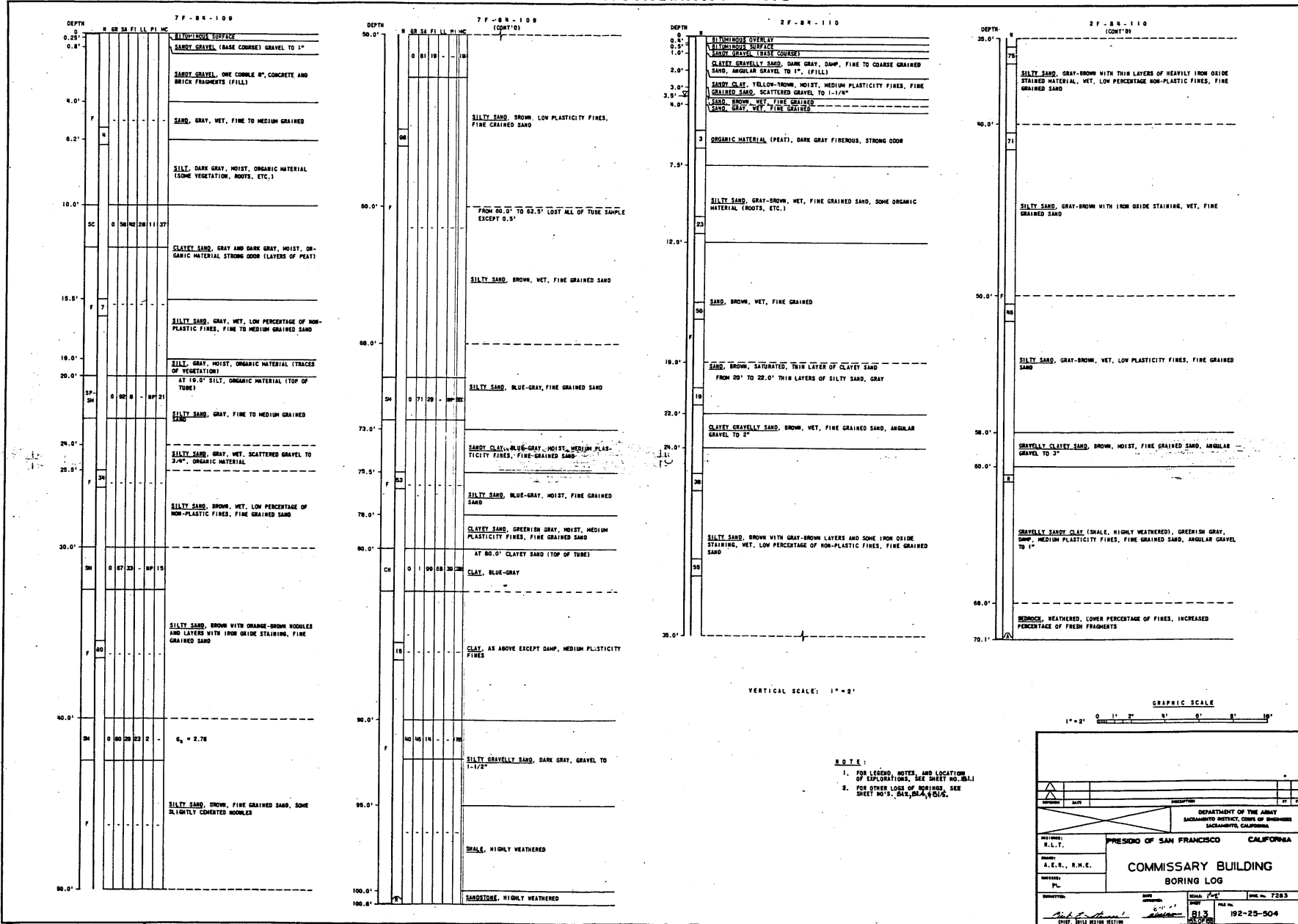
FORM NO. 7285
192-25-504

DRAWING REDUCED; ONE HALF SIZE



DRAWING REDUCED ONE HALF SIZE

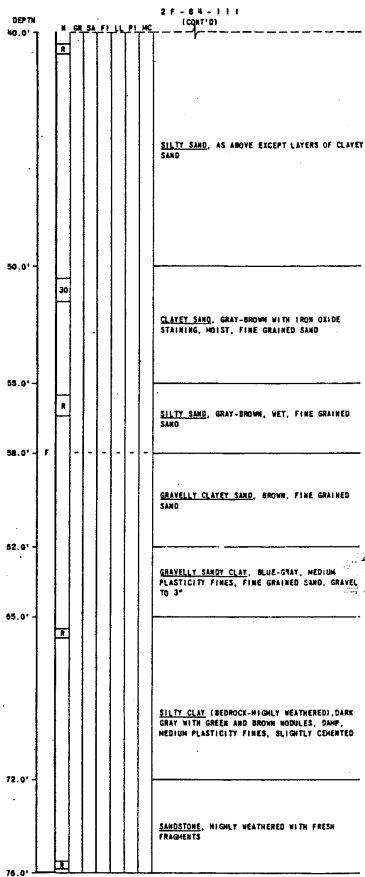
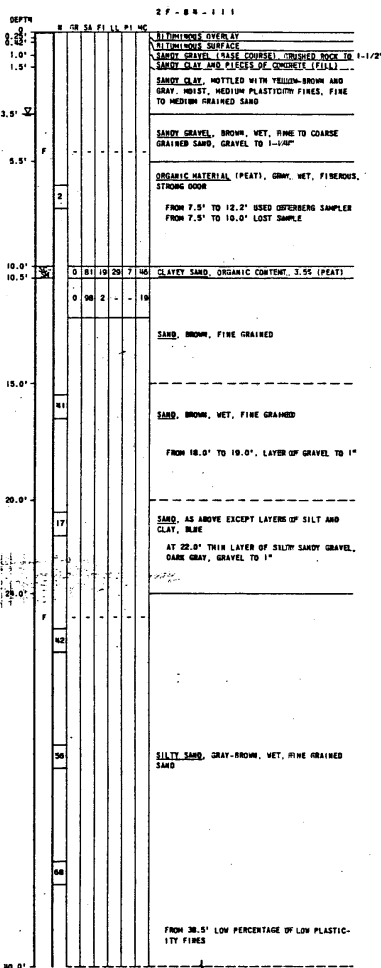
VALUE ENGINEERING PAYS



DRAWING REDUCED ONE HALF SIZE

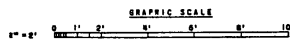
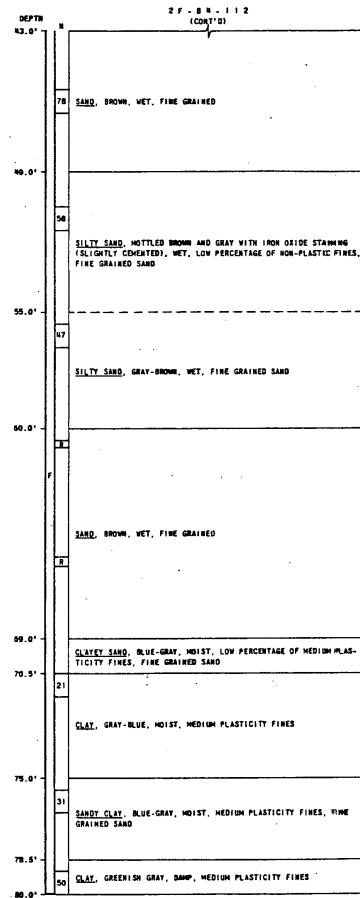
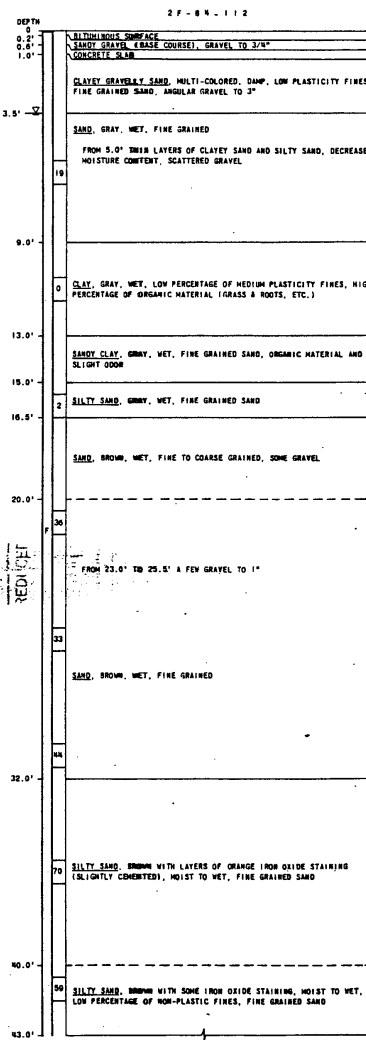
SAFETY PAYS

VALUE ENGINEERING PAYS



VERTICAL SCALE: 1" = 2'

- NOTES:
- FOR LEGEND, NOTES, AND LOCATION OF EXPLORATIONS, SEE SHEET NO. 6A1
 - FOR OTHER LOGS OF BORINGS, SEE SHEET NO'S. 612, 6A3, & 615

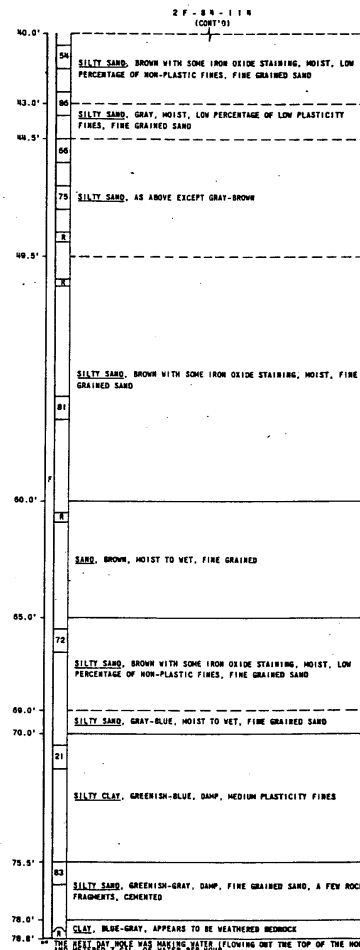
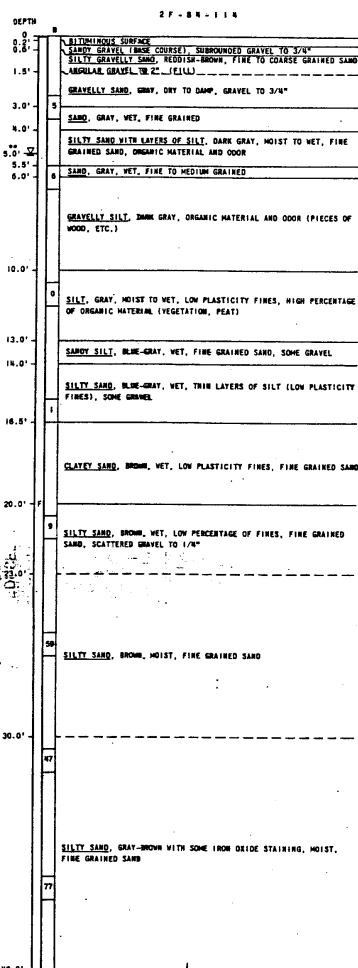
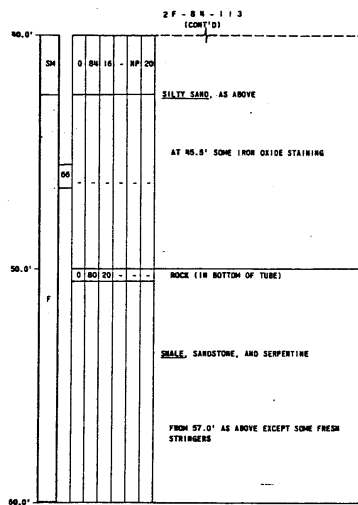
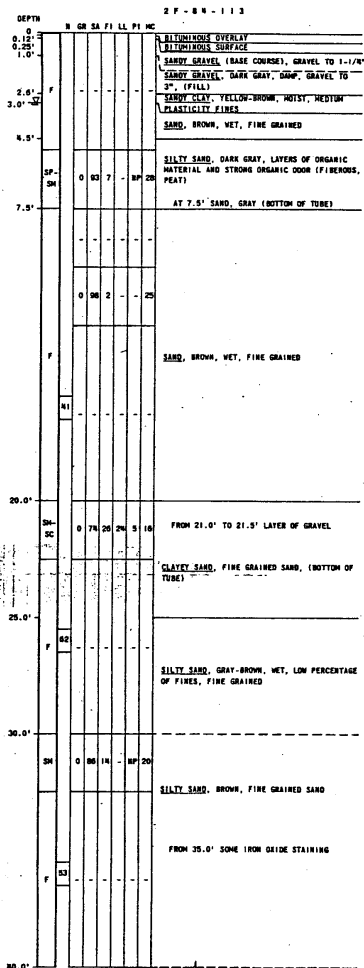


DEPARTMENT OF THE ARMY SACRAMENTO DISTRICT, CORPS OF ENGINEERS SACRAMENTO, CALIFORNIA	
PRESIDIO OF SAN FRANCISCO CALIFORNIA	
COMMISSARY BUILDING BORING LOG	
NO. BORING: R.L.T.	DATE: 8-11-47
NAME: A.E.R., R.M.E.	SCALE: 1" = 2'
OPERATOR: P.O.	SPEC. NO. 7283
INVESTIGATOR: [Signature]	FILE NO. 192-25-504
DATE: 8-11-47	BY: [Signature]
SCALE: 1" = 2'	FILE NO. 192-25-504

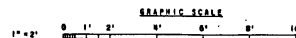
SAFETY PAYS

DRAWING REDUCED ONE HALF SIZE

VALUE ENGINEERING PAYS



VERTICAL SCALE: 1" = 2'

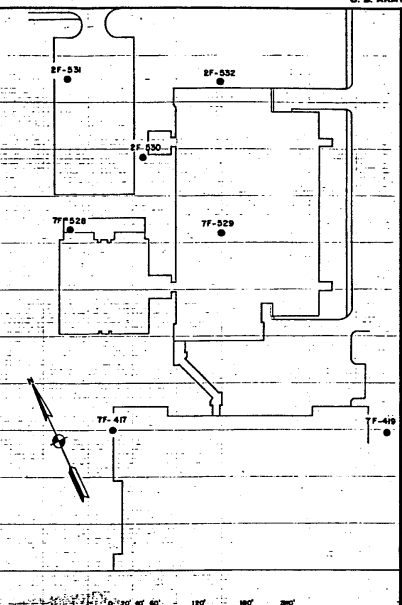
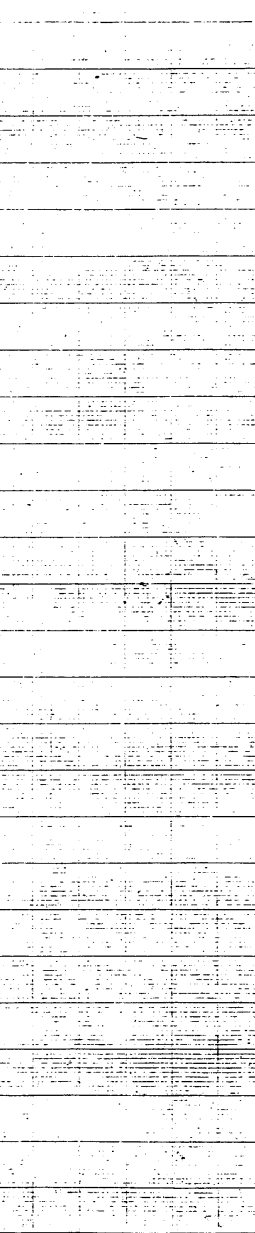
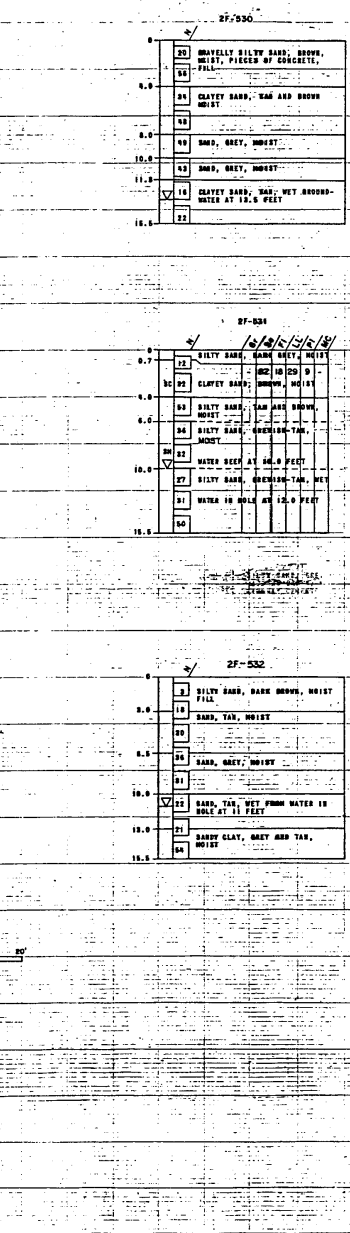
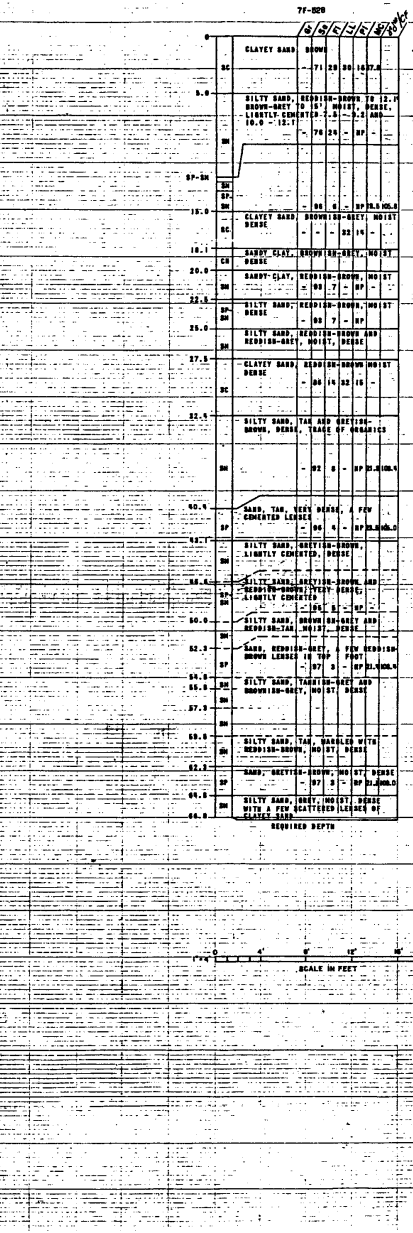
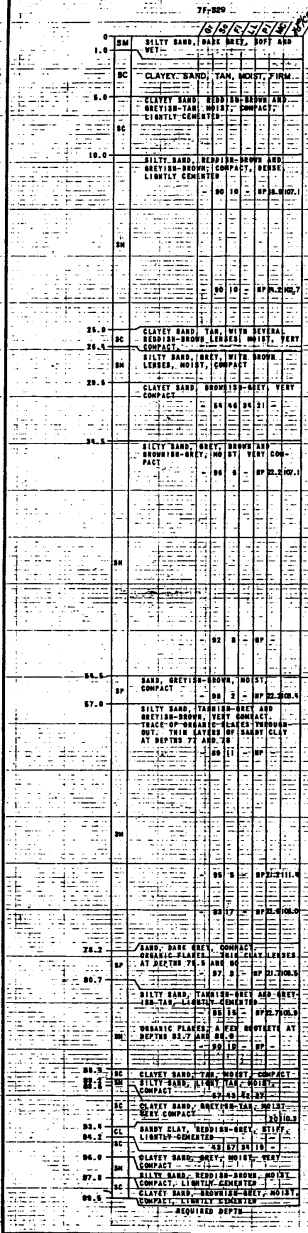


- NOTES:
- FOR LEGEND, NOTES, AND LOCATION OF EXPLORATIONS, SEE SHEET NO. 041.
 - FOR OTHER LOSS OF BORINGS, SEE SHEET NOIS. B15, B17, & B18.

DEPARTMENT OF THE ARMY SACRAMENTO DISTRICT, CORPS OF ENGINEERS SACRAMENTO, CALIFORNIA	
PRESIDIO OF SAN FRANCISCO CALIFORNIA	
COMMISSARY BUILDING BORING LOG	
PROJECT: R.A.T.	DATE: 1925
DESIGNED: A.E.S., R.A.V.	BY: [Signature]
CHECKED: PL	DATE: 1925
APPROVED: [Signature]	DATE: 1925
NO. 7283	192-25-504

SAFETY PAYS

DRAWING REDUCED ONE HALF SIZE!



STANDARD PENETROMETER DESCRIPTIVE DATA

COHESIONLESS		COHESIVE	
BLOWS IN	RELATIVE DENSITY	BLOWS IN	CONSISTENCY
0-4	VERY LOOSE	0-1	VERY SOFT
5-10	LOOSE	2-4	SOFT
11-20	FINE	5-8	FIRM
21-30	VERY FIRM	9-15	STIFF
31-40	DENSE	16-30	VERY STIFF
41	VERY DENSE	31+	HARD

3 BLOWS PER 10 FT OF PENETRATION OF A 2 INCH O.D. SAMPLER DRIVEN BY A 140 LB. HAMMER, 30 INCH FREEFALL.

LEGEND:

- 0-1% GRAVEL PERCENT BY WEIGHT RETAINED ON NO. 40 SIEVE
- 2-5% SAND PERCENT BY WEIGHT PASSING NO. 4 SIEVE AND RETAINED ON NO. 200 SIEVE
- 10-15% FINES PERCENT BY WEIGHT PASSING NO. 200 SIEVE
- LL-PI LIQUID LIMIT-PLASTICITY INDEX
- MOISTURE CONTENT, % DRY WEIGHT
- NP NON PLASTIC
- NUMBER OF BLOWS, STANDARD PENETROMETER
- DRY DENSITY, POUNDS PER CUBIC FOOT
- NO RECOVERY
- GROUND WATER LEVEL

AS-BUILT

EXPLOSION LOGS

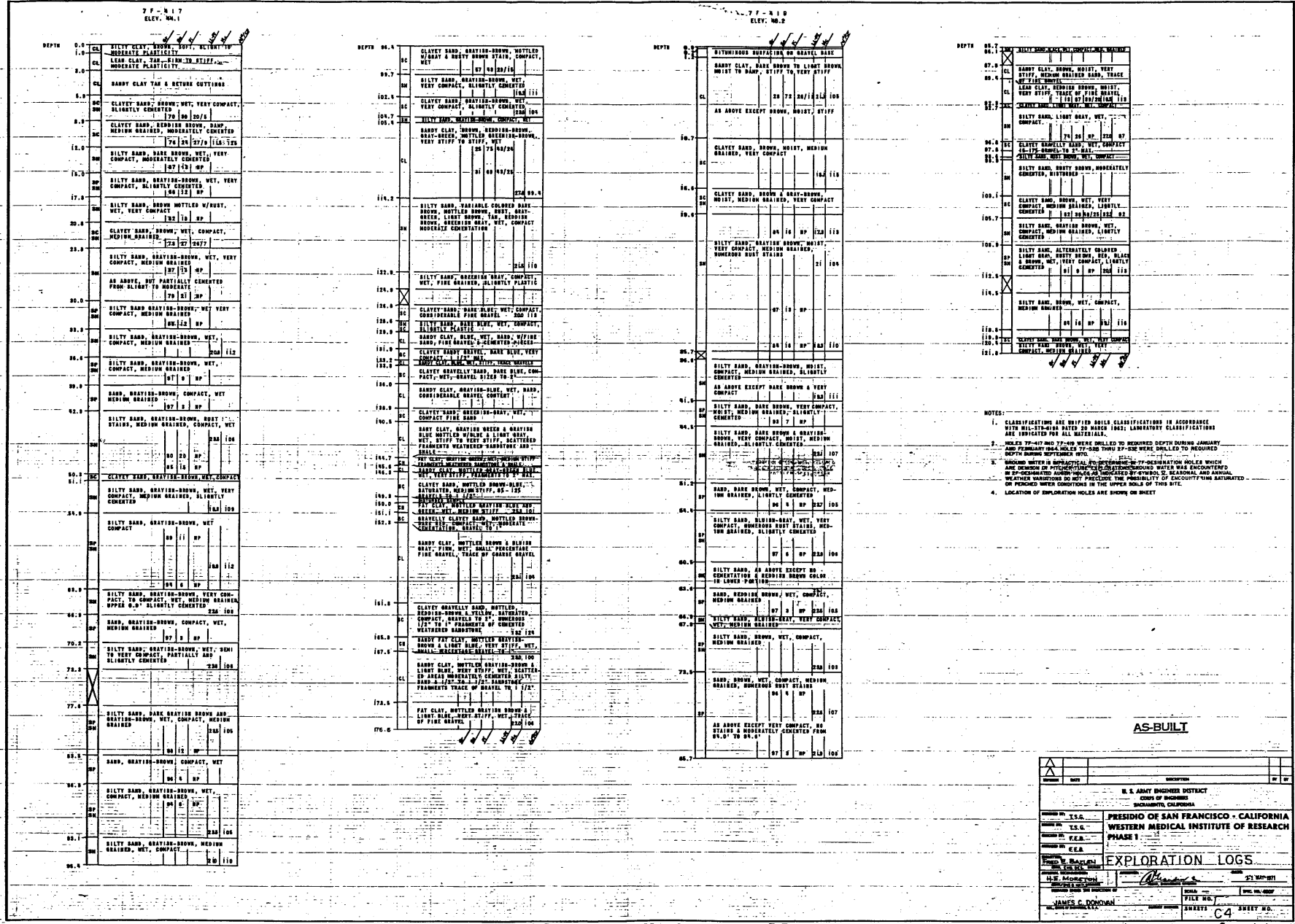
PRESIDIO OF SAN FRANCISCO - CALIFORNIA
WESTERN MEDICAL INSTITUTE OF RESEARCH
PHASE I

JAMES C. DONOVAN
CORPS OF ENGINEERS

DATE: 11/1/61
DRAWN BY: [Signature]
CHECKED BY: [Signature]

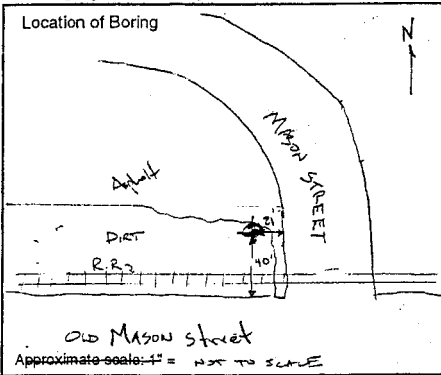
NO. 3

VALUE ENGINEERING PAYS



SAFETY PAYS

Field Log of Boring CF97-SB4



Old Mason Street
Approximate scale: 1" = 100' N.E.

Logged by KBC
Weather Clear
Conditions Flat Asphalt surface
Drilling Contractor RNL
Drilling Equipment B-53
Driller's Name Bob Reuber
Drilling Method 8" Rotary Wash
Sampling Methods spt, slsby tube
Hammer Weight 140 lbs Drop 50'
Start Time 1:00 Date 10/16/92
Completion Time 3:20 Date 10/16/92

Drilling Rate (minutes per foot)	Sampler Type	Blows per 6 inches	Inches Driven	Inches Recovered	Sample Condition	Sample No./Depth	Penetrometer (tsf)	Standard Penetration Blow Count
	SPT	5	6	6	Casey	10.5		
		1	6	6				
		2	6	6				
		3	6	6				
	SPT	0	6	6		10.5		
		1	6	6				
		2	6	6				
		3	6	6				

Time of Backfilling 5:30 Date 10/16/92 By Casey
Boring Depth, feet 35.0'
Casing Depth, feet -
Water Depth, feet ~5.0 ft
Time -
Date -
Surface Elevation 7 ft Datum -
1 Brown sandy gravel (SP) - loose, dry to moist, (Fill)
2 Brown Silty Sand (SM) - loose, dry, trace gravel (Fill)
3 -
4 Brown sandy silt (ML) - moist, wet to saturated, organic (Fill)
5 -
6 -
7 Grey sand (SP) - loose, saturated, trace clay shales (Fill?)
8 increasing silt content below 8 ft
9 -
10 Dark Grey Clayey Silt (ML) - soft, saturated, organic, smell, feat. (Bay Mud)

Project Name Cassy Field Project No. 1317.010 Sheet 1 of 3

FIG A14

Field Log of Boring CF97-SB04 (continued)

Drilling Rate (minutes per foot)	Sampler Type	Blows per 6 inches	Inches Driven	Inches Recovered	Sample Condition	Sample No./Depth	Penetrometer (tsf)	Standard Penetration Blow Count
	slsby	24	30	6		10.5		
						10.5		
	SPT	7	6	6		15.0		
		11	6	6				
		10	6	6		16.5		
	SPT	1	6	6		23.0		
		2	6	6		24.5		
	SPT	24	30	6		29.0		
						31.0		

Depth in Feet 11 Graphic Log ML
2d = 45 p.c., W = 97.7%
Lt = 94, PI = 52 at 12.0 feet
TKMU = 337 (750) at 12.0 feet
Grey sand (SP) - med. dense, saturated
medium rounded, well sorted, trace fines
(BAY MUD) (PURE SAND)
11 Graphic Log SP
6 Graphic Log SP
20 Graphic Log ML
1 Dark Grey Clayey Silt (ML) - soft,
saturated, organic, trace fine sand
(BAY MUD)
23 Graphic Log ML
4 Wn = 61.8% at 23.5 feet
29 Graphic Log ML
30 Graphic Log ML
TKMU = 1697 (1500) at 30.0 feet
Wd = 100 p.c. W = 22.7%

Project Name Cassy Field Project No. 1317.010 Sheet 2 of 3

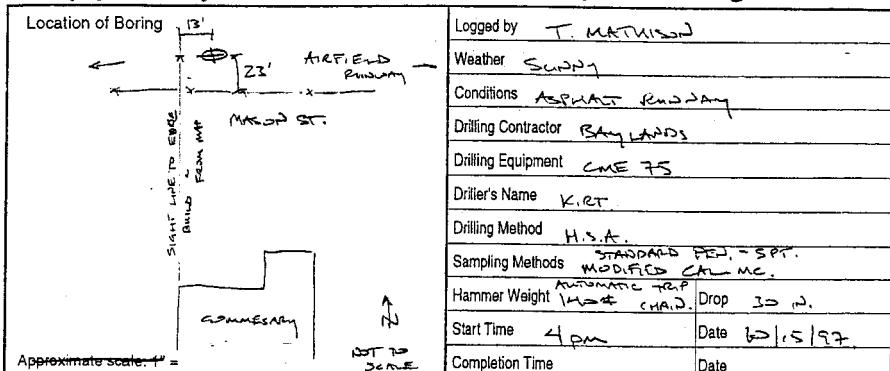
FIG A15

Field Log of Boring ⁰⁹⁹⁷⁻SB04
 (continued)

Drilling Rate (minutes per foot)	Sampler Type	Blows per 6 inches	Inches Driven	Inches Recovered	Sample Condition	Sample No./Depth	Penetrometer (tsf)	Standard Penetration Blow Count	Depth in Feet	Graphic Log
									31	ML
									2	increasing sand content with depth
									3	
									4	
									35	B.O.N. - 35.0
									6	GW encountered @ ~ 5 ft
									7	Note backfill w/ cuttings upon completion
									8	
									9	
									0	
									1	
									2	
									3	
									4	
									5	
									6	
									7	
									8	
									9	
									0	

FIG A16

Field Log of Boring CF97-SB08



Approximate scale: 1" = 20' TO 30'

Logged by T. MATTHEWSON
 Weather SUNNY
 Conditions ASPHALT ROADWAY
 Drilling Contractor RAYLANDS
 Drilling Equipment CME 75
 Driller's Name K. R.T.
 Drilling Method H.S.A.
 Sampling Methods STANDARD PEN. - SPT. MODIFIED CAL MC. AUTOMATIC TOP
 Hammer Weight 140# Drop 30 in.
 Start Time 4 PM Date 6/15/97
 Completion Time _____ Date _____

Drilling Rate (minutes per foot)	Sampler Type	Blows per 6 inches	Inches Driven	Inches Recovered	Sample Condition	Sample No./Depth	Penetrometer (tsf)	Standard Penetration Blow Count	Depth in Feet	Graphic Log
									1	
									2	
									3	
									4	
									5	
									6	
									7	
									8	
									9	
									10	

Time of Backfilling _____ Date _____ By _____
 Boring Depth, feet _____
 Casing Depth, feet _____
 Water Depth, feet _____
 Time _____
 Date _____
 Surface Elevation 7.0 ± Datum 1929 MVD
ROADSIDE I.C. TOP = 1997
ASPHALT 2 1/2 INCHES THICK
BROWN GRAVELLY SAND ~ 3 INCHES THICK
(BASE MATERIAL)
BROWN SAND (SP) - loose dry
trace to some gravel in top
1 to 2 feet (Fill)
GREENISH GREY SAND (SP) - loose
structured (HYDRATED FIN)
γ_{dry} = 108.9 pcf; W_u = 19.5% at 4.7 feet.
W_u = 32.4% at 8.0 feet
GREY CLAYEY SILT (ML) - soft,
structured, some organic
hydrogen sulfide smell.
(BAY MUD)

Project Name CRISBY FIELD Project No. _____ Sheet 1 of 2
 GEOTECHNICAL INFORMATION
SAN FRANCISCO CA

FIG A24

Field Log of Boring CF97-SB-08 (continued)

Drilling Rate (minutes per foot)	Sampler Type	Blows per 6 inches	Inches Driven	Inches Recovered	Sample Condition	Sample No./Depth	Penetrometer (tsf)	Standard Penetration Blow Count	Depth in Feet	Graphic Log
									11	
									12	
									13	
									14	
									15	
									16	
									17	
									18	
									19	
									20	

γ_{dry} = 93.6 pcf; W_u = 14.9% at 11.1 feet.
GREENISH GREY SAND (SP) - structured
(Over Beach / Dune Sand)
SPT - - GREEN IS
- flowing into hollow stem prevents sample
- done at 15.0 feet.
BOTTOM OF HOLE 15.0 FEET.
STERILIZED WITH ANTISEPTIC
UPON COMPLETION

Project Name CRISBY FIELD Project No. 1317210 Sheet 2 of 2

FIG A19

Field Log of Boring (F97-SB11)

Location of Boring		Logged by <u>T. MATHEWS (@ PROPOSED P&L LOC)</u>	
		Weather <u>SWIFT</u>	
		Conditions <u>ASPHALT ROAD RAMP</u>	
Drilling Contractor <u>RL</u>		Drilling Equipment <u>MOBILE 861</u>	
Driller's Name <u>REEDER</u>		Drilling Method <u>HOLLOW STEAM AUGER</u>	
Sampling Methods <u>MC, SPT.</u>		Hammer Weight <u>140 lb</u> Drop <u>30 INCHES</u>	
Start Time <u>PM</u> Date <u>10/17/97</u>		Completion Time Date <u>10/17/97</u>	
Time of Backfilling Date By		Boring Depth, feet	
Casing Depth, feet		Water Depth, feet	
Time		Date	
Surface Elevation <u>7.5</u> Datum <u>1929 MVD</u>		TO BULK W.C. 1997 TOPO	

Drilling Rate (minutes per foot)	Sampler Type	Blows per 6 inches	Inches Driven	Inches Recovered	Sample Condition	Sample No./Depth	Penetrometer (tsf)	Standard Penetration Blow Count	Depth in Feet	Graphic Log
									1	ASPHALT BASE ROCK - SIX INCH THICK
									2	REDISH BROWN GREENISH SANDY CLAY (CL) stiff, moist (FIL)
	MC	18	6	6	4	3.0			3	
		14	6	6	5	3.5			4	
		16	6	6	4	4.0		20	4	GREENISH GREY SAND (SP) - medium dense, moist, fine silty lenses (HYPOGENIC FLUID) - Shells at 4.5 feet
	MC	2	6	6	6.5				6	BELOW SILTY SAND (FIL)
		4	6	6	5.5				7	DARK GREY SILTY GREENISH SAND (SM) loose, saturated (FIL)
		6	6	3	5.5			7	8	SIEVE at 6.0 feet, USDA: SANDY LOAM
									9	
									10	GREENISH GREY CLAYEY SILT (ML) soft saturated (BAY MUD)

Project Name CRASSY FIELD Project No. 1317-010 Sheet 1 of 2

FIG A30

Field Log of Boring (F97-SB11) (continued)

Drilling Rate (minutes per foot)	Sampler Type	Blows per 6 inches	Inches Driven	Inches Recovered	Sample Condition	Sample No./Depth	Penetrometer (tsf)	Standard Penetration Blow Count	Depth in Feet	Graphic Log
	SPT	1	6	6	12.0				1	GREENISH GREY CLAYEY SILT (ML) very soft saturated trace gresses. (BAY MUD)
		2	6	6	12.0			8	2	
		6	6	6	13.0				3	GREENISH GREY SAND (SP) - loose to medium dense, saturated trace to some thin lenses clayey silt. (BEACH / DUNE SAND)
									4	
									5	
									6	
									7	
									8	
									9	
	SPT	2	6	6	10 ONLY HEAVE IN AUGER				9	
		2	6	6					0	
		2	6	0					0	
									1	- clayey silt lens at 15.5 feet
									2	BOTTOM OF HOLE 20.5 feet BACKFILLED WITH CEMENTS UPON COMPLETION.
									3	
									4	
									5	
									6	
									7	
									8	
									9	
									0	

FIG A.

Project Name CRASSY FIELD Project No. 1317-010 Sheet 2 of 2

Drilling Rate (minutes per foot)	Sampler Type	Blows per 6 inches	Inches Driven	Inches Recovered	Sample Condition	Sample No./Depth	Penetrometer (tsf)	Standard Penetration Blow Count	Depth in Feet	Graphic Log
	BLEND	0	30	30		103			11	<p align="center">HTA Harlan Tait Associates Consulting Engineers and Geologists</p> <p align="center">Field Log of Boring CPT 5807 (continued)</p> <p>- T₁₀₀ = 114 (F₁₀₀) at 10.8 feet S₁ = 59 pt. W = 68.1%</p> <p>DARK GREY SAND (SP) - medium dense, saturated with lenses of medium stiff silty clay (Old Beach, Dune Sand)</p> <p>- silty clay lens at 15.0 feet - Y_{dry} = 61.6 pct. W₁ = 61.0%</p> <p>- sieve analyses at 15.0 feet</p>
		30							2	
		30							3	
		6	6	6	F	145			4	
		6	6	6					5	
		25	6	6	G	150		24	5	
									6	
									7	
									8	
									9	
									20	
									1	<p align="center">HTA Harlan Tait Associates Consulting Engineers and Geologists</p> <p align="center">Field Log of Boring CPT 5807 (continued)</p> <p>GREY SAND (SP) - medium dense saturated with lenses of medium stiff silty clay (BAY MUD LENSES)</p> <p>BOTTOM OF HOLE 26.5 feet Backfilled upon completion with soil cuttings</p>
									2	
									3	
									4	
									2.5	
									6	
									7	
									8	
									9	
									0	

FIG A23

Project Name Geotechnical Inv. Crossy Field S.F. CA Project No. 1317.010 Sheet 2 of 2

HTA Harlan Tait Associates
Consulting Engineers and Geologists

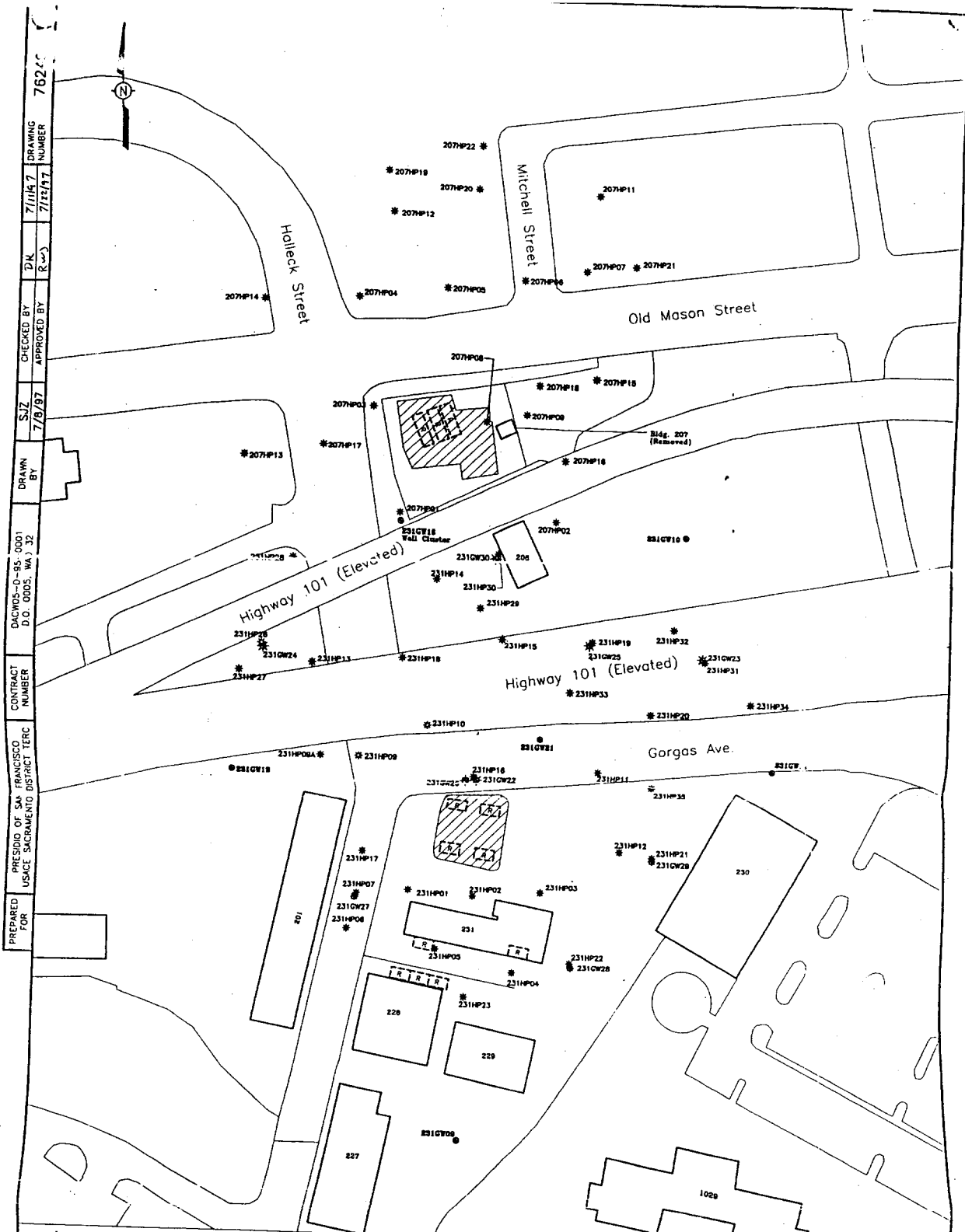
Field Log of Boring CPT 5807

Location of Boring										Logged by <u>T. MATHISON</u>	
Weather <u>CLEAR</u>										Conditions <u>BARE GROUND</u>	
Drilling Contractor <u>BAYLAIDS</u>										Drilling Equipment <u>CME 75</u>	
Driller's Name <u>KIRT</u>										Drilling Method <u>HAND STEER AUGER</u>	
Sampling Methods <u>SPT MODIFIED CALIFORNIA = MC</u>										Hammer Weight <u>AUTOMATIC 140 lbs</u> Drop <u>30 INCH</u>	
Start Time <u>9:50 AM</u>										Date <u>10/15/97</u>	
Completion Time										Date	
Time of Backfilling										Date By	
Boring Depth, feet										Casing Depth, feet	
Water Depth, feet										Time	
Date										Surface Elevation <u>6.6'</u> Datum <u>MSL 1929</u>	
										TERRACE INC 1997 TOPO	
Approximate scale: 1" =											
Drilling Rate (minutes per foot)	Sampler Type	Blows per 6 inches	Inches Driven	Inches Recovered	Sample Condition	Sample No./Depth	Penetrometer (tsf)	Standard Penetration Blow Count	Depth in Feet	Graphic Log	
									1	<p align="center">HTA Harlan Tait Associates Consulting Engineers and Geologists</p> <p align="center">Field Log of Boring CPT 5807 (continued)</p> <p>BROWN SAND (SP) - loose to medium dense, medium dry trace gravel (FILL)</p> <p>BULZ 2-7</p> <p>MC 6 6 6 4.0 4.5 4.5 9</p> <p>dry = 104 pct. W₁ = 23.3% at 5.0 feet greenish grey below 5.5 feet (HYDRAULIC FILL?) dry = 105 pct. W₁ = 21.8 at 5.5 feet</p> <p>GREENISH GREY CLAYEY SILT (ML) soft, saturated, (BAY MUD) dry = 55.4 pct. W₁ = 74.1% at 8.5 feet</p>	
									2		
									3		
									4		
									5		
									6		
									7		
									8		
									9		
									10		

GEOTECHNICAL INVESTIGATORS

Project Name CROSSY FIELD SAN FRANCISCO CA Project No. 1317.010 Sheet 1 of 2

FIG 16

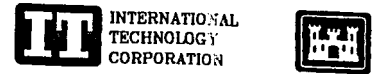


DRAWING NUMBER 7624
 7/11/87
 7/12/87
 DK
 RW
 CHECKED BY
 APPROVED BY
 SAJ
 7/8/87
 DRAWN BY
 CONTRACT NUMBER
 DAWSON-D-95-0001
 D.O. OODS, INC. J-32
 PREPARED FOR
 PRESIDIO OF SAN FRANCISCO
 USACE SACRAMENTO DISTRICT TERC

- Legend:**
- Approximate Limits of UST Overexcavation
 - Underground Storage Tank (Removed)
 - CPT and Hydropunch Location
 - CPT Only Location
 - New Shallow Sand/Water Table Monitoring Well
 - New Intermediate Sand Monitoring Well
 - Existing Monitoring Well
 - Building and Building Number

FIGURE 4
 BUILDING 207/231 SITE
 GROUNDWATER INVESTIGATORY
 LOCATIONS
 PRESIDIO OF SAN FRANCISCO

Horizontal Datum NAD 27, CA State
 Plane Coordinates, Zone 3, feet.
 SCALE
 0 80 160 FEET



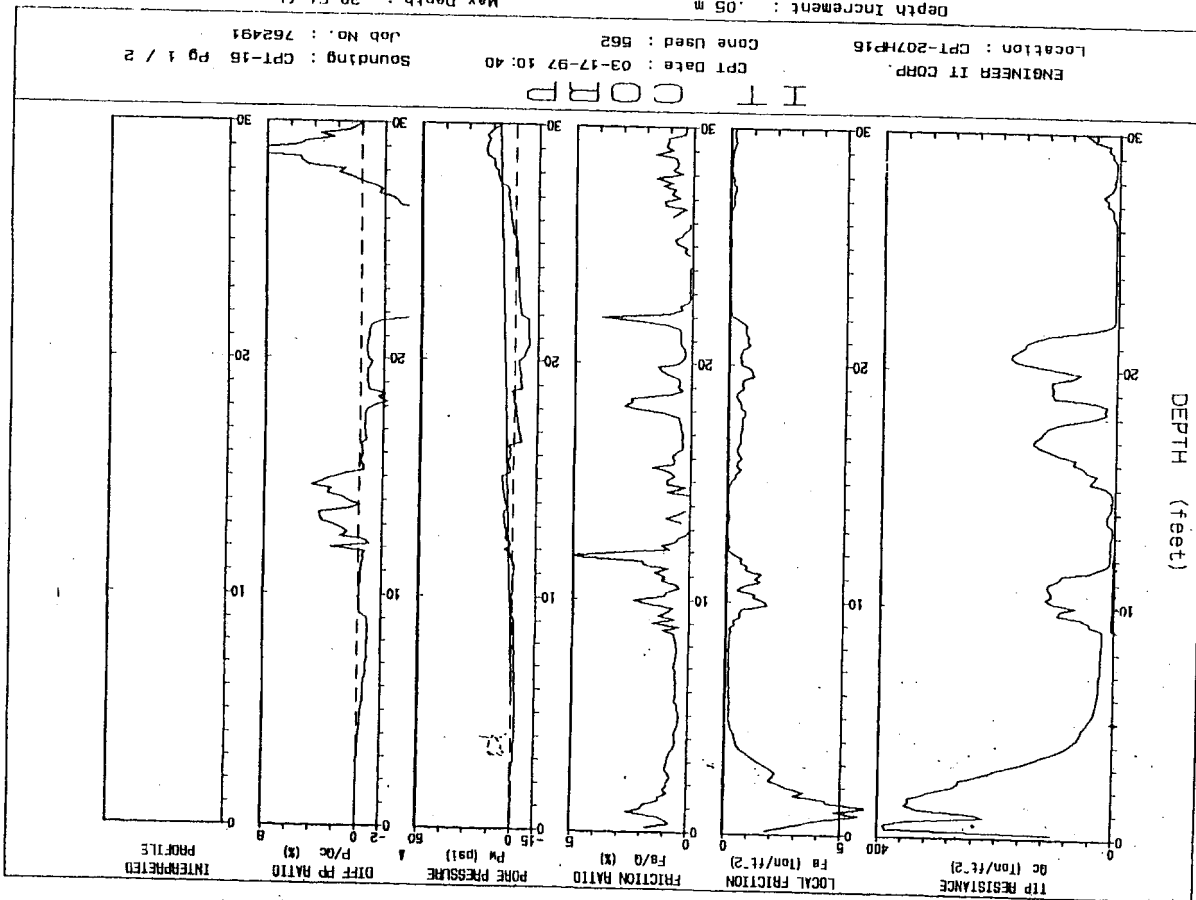
ENGINEER IT CORP.
 On Site Loc: CPT-207HP16
 Job No. : 762491
 Tot. Unit Wt. (avg) : 115 pcf

CPT Date 03-17-97 10:40
 Cone Used : 562
 Water table (feet) : 5.479003

DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIQV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT Y	Su tsf
0.39	282.08	3.86	1.37	0.03	sand	>90	>48	>50	UNDEFINED
0.60	335.87	3.98	1.19	0.08	sand	>90	>48	>50	UNDEFINED
0.95	230.24	1.94	0.84	0.15	sand	>90	>48	>50	UNDEFINED
1.25	104.32	0.68	0.65	0.21	sand to silty sand	>90	46-48	25	UNDEFINED
1.55	52.80	0.24	0.45	0.26	sand to silty sand	60-70	44-46	13	UNDEFINED
1.85	31.85	0.17	0.32	0.32	silty sand to sandy silt	50-60	40-42	10	UNDEFINED
2.15	25.30	0.15	0.57	0.34	silty sand to sandy silt	40-50	38-40	8	UNDEFINED
2.45	22.22	0.12	0.55	0.37	silty sand to sandy silt	<40	38-40	7	UNDEFINED
2.75	21.05	0.18	0.84	0.40	sandy silt to clayey silt	UNDEFD	UNDEFD	8	2.05
3.05	112.78	0.91	1.35	0.42	silty sand to sandy silt	60-70	42-44	21	UNDEFINED
3.35	1.00	1.00	0.89	0.45	sand to silty sand	80-90	44-46	27	UNDEFINED
3.65	46.38	0.76	1.64	0.47	silty sand to sandy silt	50-60	40-42	15	UNDEFINED
3.95	7.77	0.04	0.56	0.50	sensitive fine grained	UNDEFD	UNDEFD	4	.70
4.25	9.82	0.03	0.32	0.52	sandy silt to clayey silt	UNDEFD	UNDEFD	4	.90
4.55	7.15	0.02	0.32	0.55	sensitive fine grained	UNDEFD	UNDEFD	3	.63
4.85	40.25	0.36	0.88	0.58	silty sand to sandy silt	70-80	42-44	22	UNDEFINED
5.15	104.37	0.47	0.45	0.60	sand	70-80	42-44	20	UNDEFINED
5.45	114.32	0.59	0.52	0.63	sand	70-80	42-44	22	UNDEFINED
5.75	39.22	0.48	1.22	0.65	silty sand to sandy silt	40-50	38-40	13	UNDEFINED
6.05	97.88	0.80	0.81	0.88	sand to silty sand	70-80	42-44	21	UNDEFINED
6.40	137.91	0.51	0.39	0.71	sand	80-90	44-46	30	UNDEFINED
6.70	86.42	0.64	0.74	0.88	sand	60-70	40-42	21	UNDEFINED
7.00	6.05	0.02	0.40	0.76	sand to silty sand	UNDEFD	UNDEFD	3	.47
7.35	5.56	0.01	0.12	0.78	sensitive fine grained	UNDEFD	UNDEFD	3	.42
7.65	5.45	0.01	0.24	0.82	sensitive fine grained	UNDEFD	UNDEFD	3	.40
8	3.25	0.02	0.31	0.84	sensitive fine grained	UNDEFD	UNDEFD	3	.37
8.35	11.48	0.09	0.78	0.87	sandy silt to clayey silt	UNDEFD	UNDEFD	4	.99
8.55	16.22	0.15	0.95	0.80	sandy silt to clayey silt	UNDEFD	UNDEFD	6	1.46
8.85	7.07	0.07	0.93	0.92	sensitive fine grained	UNDEFD	UNDEFD	3	.54
9.15	33.42	0.18	0.33	0.95	silty sand to sandy silt	<40	34-36	11	UNDEFINED

Dr - All sands (Janjolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Mc= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTEI (r 3.04) ****

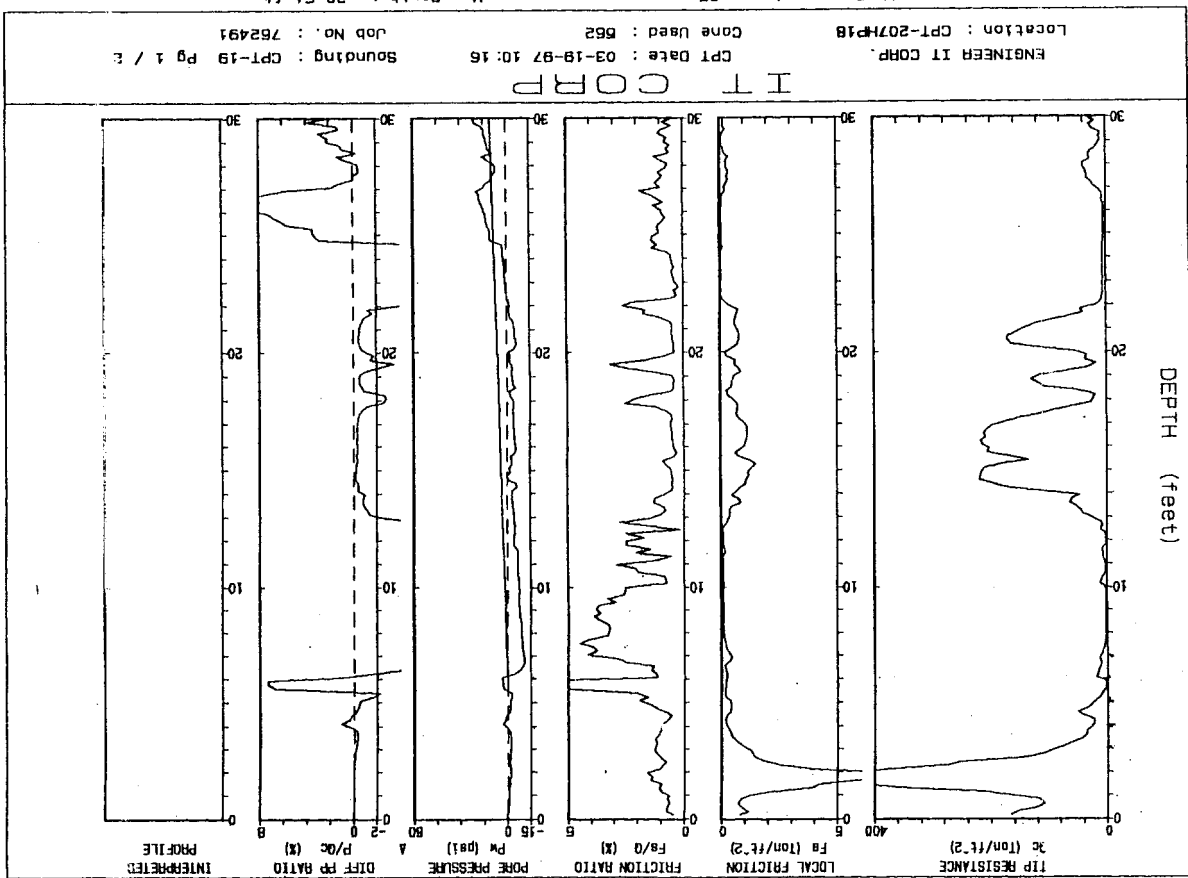


ENGINEER IT CORP.
 Location : CPT-207HP16
 Cone Used : 562
 Sounding : CPT-16 Pg 1 / 2
 Job No. : 762491
 Max Depth : 30.61 ft
 Depth Increment : .05 m

IT CORP.

ENGINEER IT CORP.
 On Site Loc: CPT-207HP18
 Job No. : 762491
 Tot. Unit Wt. (avg) : 115 pcf

CPT Date 03-19-97 10:16
 Cone Used : 562
 Water table (feet) : 5.675853



DEPTH (meters)	DEPTH (feet)	qc (avg) (tsf)	fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT	Su tsf
0.30	1	138.75	0.91	0.66	0.03	sand	>90	>48	27	UNDEFINED
0.60	2	389.27	4.98	1.28	0.08	sand	>90	>48	>50	UNDEFINED
0.95	3	191.60	1.92	1.00	0.15	sand	>90	>48	37	UNDEFINED
1.25	4	38.73	0.43	1.10	0.21	silty sand to sandy silt	60-70	42-44	12	UNDEFINED
1.55	5	32.68	0.32	0.97	0.26	silty sand to sandy silt	50-60	40-42	10	UNDEFINED
1.85	6	8.03	0.18	2.29	0.32	silty clay to clay	UNDEFD	UNDEFD	5	.77
2.15	7	13.15	0.28	2.11	0.35	clayey silt to silty clay	UNDEFD	UNDEFD	6	1.27
2.45	8	4.18	0.16	3.63	0.38	clay	UNDEFD	UNDEFD	4	.37
2.75	9	2.65	0.09	3.58	0.40	clay	UNDEFD	UNDEFD	3	.21
3.05	10	2.82	0.08	2.91	0.43	clay	UNDEFD	UNDEFD	3	.22
3.35	11	6.18	0.07	1.16	0.45	sensitive fine grained	UNDEFD	UNDEFD	3	.55
3.65	12	5.48	0.08	1.31	0.48	sensitive fine grained	UNDEFD	UNDEFD	3	.46
3.95	13	9.80	0.15	1.49	0.50	clayey silt to silty clay	UNDEFD	UNDEFD	3	.90
4.25	14	51.91	0.55	1.05	0.53	silty sand to sandy silt	50-60	40-42	17	UNDEFINED
4.55	15	192.07	1.00	0.52	0.56	sand	>90	46-48	37	UNDEFINED
4.85	16	185.32	1.04	0.56	0.58	sand	>90	44-46	36	UNDEFINED
5.15	17	210.10	1.09	0.52	0.61	sand	>90	46-48	40	UNDEFINED
5.45	18	104.12	0.76	0.73	0.63	sand to silty sand	70-80	42-44	25	UNDEFINED
5.75	19	75.42	0.43	0.57	0.66	sand to silty sand	60-70	40-42	18	UNDEFINED
6.05	20	50.63	0.61	1.21	0.69	silty sand to sandy silt	50-60	38-40	16	UNDEFINED
6.40	21	137.79	0.84	0.46	0.71	sand	80-90	42-44	26	UNDEFINED
6.70	22	66.12	0.62	0.94	0.74	sand to silty sand	50-60	40-42	16	UNDEFINED
7.00	23	7.10	0.06	0.79	0.77	sensitive fine grained	UNDEFD	UNDEFD	3	.38
7.35	24	6.36	0.03	0.47	0.80	sensitive fine grained	UNDEFD	UNDEFD	3	.50
7.65	25	5.90	0.07	1.13	0.82	sensitive fine grained	UNDEFD	UNDEFD	3	.44
7.95	26	5.18	0.05	0.95	0.85	sensitive fine grained	UNDEFD	UNDEFD	2	.37
8.25	27	9.87	0.12	1.24	0.88	clayey silt to silty clay	UNDEFD	UNDEFD	3	.83
8.55	28	34.50	0.31	0.90	0.90	silty sand to sandy silt	<40	36-38	11	UNDEFINED
8.85	29	21.47	0.18	0.83	0.93	sandy silt to clayey silt	UNDEFD	UNDEFD	8	1.98
9.15	30	21.37	0.14	0.66	0.95	sandy silt to clayey silt	UNDEFD	UNDEFD	8	1.96

Dr - All sands (Janioikowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Mc= 10

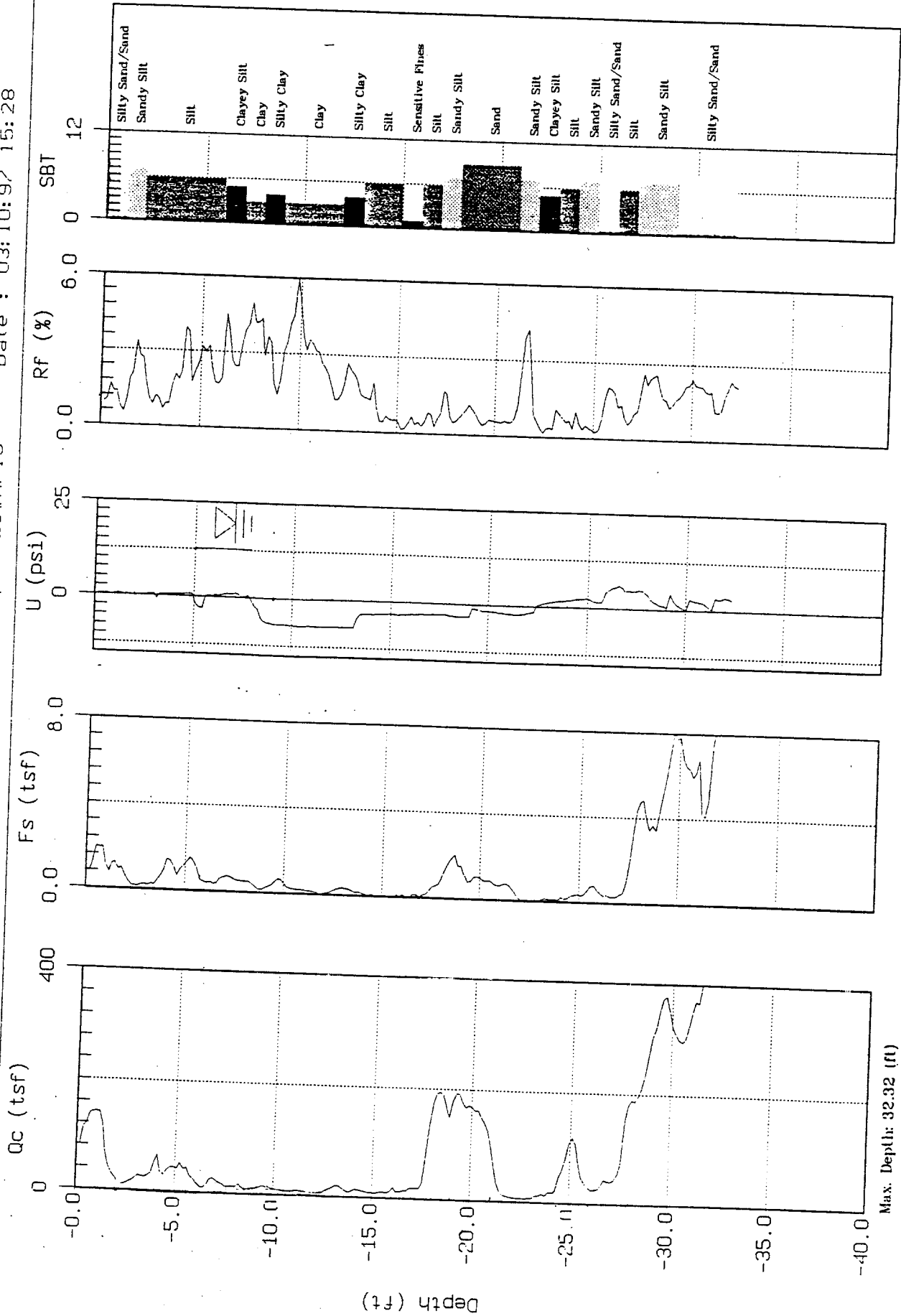
**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTRI (v 3.04) ****



IT CORP: PRESIDIO

Site : BLDG. 231
Location : 23:HP15

Engineer : J. SELTZER
Date : 03:10:97 15:28



Max. Depth: 32.32 (ft)
Depth Inc.: 0.164 (ft)

SBT: Soil Behavior Type (Robertson and Campanella 1988)
Estimated Phreatic Surface

IT CORP.

ENGINEER IT CORP.

On Site Loc: CPT-231HP31

Job No. : 762491

Tot. Unit Wt. (avg) : 115-pcf

CPT Date 03-21-97 11:38

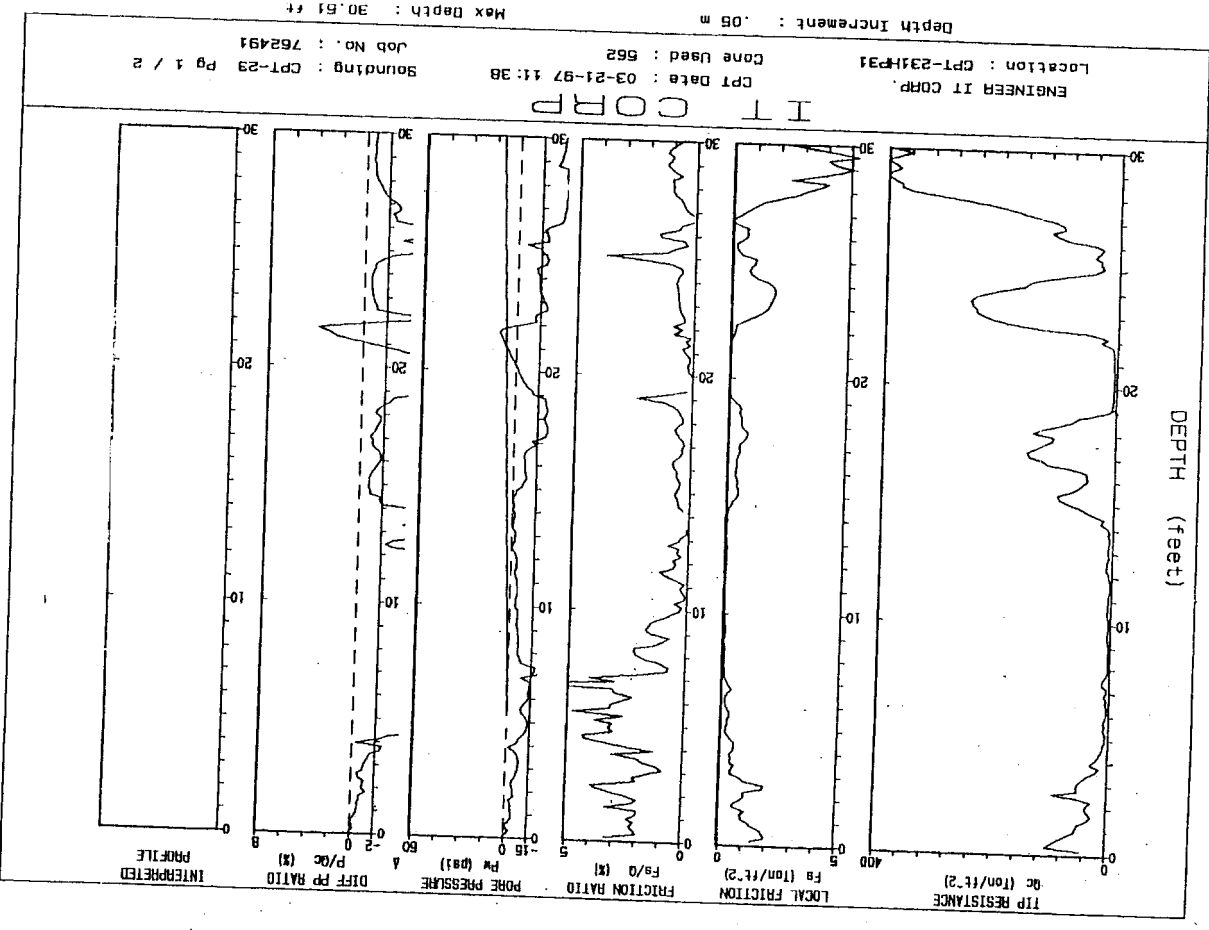
Cone Used : 562

Water table (feet) : 5.577428

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOR TYPE	Eq - Dr (4)	PEI deg.	SPT Y	Su tsf
0.30	1	73.40	1.60	2.21	0.63	silty sand to sandy silt	>80	>48	23	UNDEFINED
0.60	2	38.10	0.85	2.23	0.08	sandy silt to clayey silt	UNDFND	UNDFND	15	3.80
0.95	3	51.20	1.17	2.28	0.15	sandy silt to clayey silt	UNDFND	UNDFND	20	5.10
1.25	4	27.77	0.48	1.73	0.21	sandy silt to clayey silt	UNDFND	UNDFND	11	2.53
1.55	5	10.72	0.39	3.62	0.26	clay	UNDFND	UNDFND	10	1.94
1.85	6	7.73	0.26	3.34	0.32	clay	UNDFND	UNDFND	7	.74
2.15	7	6.40	0.24	3.68	0.35	clay	UNDFND	UNDFND	6	.60
2.45	8	7.65	0.09	1.13	0.37	undefined	UNDFND	UNDFND	6	UNDEFINED
2.75	9	4.02	0.06	1.46	0.40	sensitive fine grained	UNDFND	UNDFND	2	.35
3.05	10	4.98	0.06	1.25	0.42	sensitive fine grained	UNDFND	UNDFND	2	.44
3.35	11	5.72	0.01	0.26	0.45	sensitive fine grained	UNDFND	UNDFND	3	.31
3.65	12	4.48	0.03	0.58	0.48	sensitive fine grained	UNDFND	UNDFND	2	.38
3.95	13	6.55	0.04	0.49	0.50	sensitive fine grained	UNDFND	UNDFND	4	.78
4.25	14	7.03	0.01	0.20	0.53	silly sand to sandy silt	UNDFND	UNDFND	3	.62
4.55	15	32.95	0.16	0.50	0.55	sand to silty sand	40-50	38-40	11	UNDEFINED
4.85	16	77.68	0.40	0.52	0.58	sand to silty sand	60-70	42-44	19	UNDEFINED
5.15	17	76.92	0.39	0.51	0.61	sand to silty sand	60-70	42-44	18	UNDEFINED
5.45	18	130.45	0.64	0.49	0.63	sand	80-90	44-46	23	UNDEFINED
5.75	19	92.32	0.49	0.53	0.66	sand to silty sand	70-80	42-44	22	UNDEFINED
6.05	20	6.37	0.05	0.82	0.68	sand to silty sand	UNDFND	UNDFND	3	.52
6.40	21	5.64	0.01	0.18	0.71	sensitive fine grained	UNDFND	UNDFND	3	.43
6.70	22	11.32	0.05	0.48	0.74	sandy silt to clayey silt	UNDFND	UNDFND	4	1.00
7.00	23	135.75	0.78	0.57	0.76	sand	70-80	42-44	26	UNDEFINED
7.35	24	228.46	1.71	0.72	0.79	sand	>90	44-46	46	UNDEFINED
7.65	25	99.05	0.90	0.91	0.82	sand to silty sand	60-70	40-42	24	UNDEFINED
7.95	26	34.93	0.34	0.97	0.85	silty sand to sandy silt	<40	36-38	11	UNDEFINED
8.25	27	101.73	0.32	0.32	0.87	sand	60-70	40-42	19	UNDEFINED
8.55	28	219.93	1.82	0.83	0.90	sand	>90	44-46	42	UNDEFINED
8.85	29	383.43	3.87	1.01	0.92	sand	>90	46-48	>50	UNDEFINED
9.15	30	384.57	4.00	1.04	0.95	sand	>90	46-48	>50	UNDEFINED

Dr - All sands (Jamolkowski et al. 1985) PEI - Robertson and Campanella 1983 Sur: Wk- 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTRA (v 3.04) ****



ENGINEER IT CORP.
Location : CPT-231HP31
CPT Date : 03-21-97 11:38
Cone Used : 562
Sounding : CPT-29 Pg 1 / 2
Job No. : 762491
Max Depth : 30.61 ft

APPENDIX B

CPT AND BORING LOGS

Source:

**“Summary of Exploration and Testing, Doyle Drive Reconstruction Project, San Francisco, CA”,
Taber Consultants, March 2001.**



NOTES

Electronic media for plan view provided by Parsons Brinckerhoff, March 9, 2001.
Elevations and locations (Northings and Eastings) provided by Chaudhary & Associates, Inc., May 18, 2001.

DESIGN OVERSIGHT	DRAWN BY M. D. Robertson	FIELD INVESTIGATOR	METRIC "ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC (m)"	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	DOYLE DRIVE RECONSTRUCTION PROJECT				
SIGN OFF DATE	CHECKED BY K. R. Dahl & M. W. Heublein	DATE	ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS	0 20 40 60 80	CU EA	LOG OF TEST BORINGS No. 1				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DIMENSION PRINTS BEARING EARLIER REVISION DATES</td> <td style="width: 50%;">REVISION DATES (PRELIMINARY STAGE ONLY)</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>						DIMENSION PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET B-1
DIMENSION PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)									



LEGEND OF BORING OPERATIONS

LEGEND OF EARTH MATERIALS

LEGEND OF SOILS

LEGEND OF ROCKS

LEGEND OF TESTS

LEGEND OF CORRECTIONS

LEGEND OF NOTES

LEGEND OF SYMBOLS

LEGEND OF DIMENSIONS

LEGEND OF UNITS

LEGEND OF SCALE

LEGEND OF TITLES

LEGEND OF REFERENCES

LEGEND OF FOOTNOTES

LEGEND OF APPENDICES

LEGEND OF INDEXES

LEGEND OF CROSS-REFERENCES

LEGEND OF HYPERLINKS

LEGEND OF IMAGES

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LEGEND OF FIGURES

LEGEND OF FORMS

LEGEND OF TEMPLATES

LEGEND OF STYLES

LEGEND OF FONTS

LEGEND OF COLORS

LEGEND OF LINES

LEGEND OF SHAPES

LEGEND OF TEXTS

LEGEND OF IMAGES

LEGEND OF TABLES

LEGEND OF FIGURES

LEGEND OF FORMS

LEGEND OF TEMPLATES

LEGEND OF STYLES

LEGEND OF FONTS

LEGEND OF COLORS

LEGEND OF LINES

LEGEND OF SHAPES

LEGEND OF TEXTS

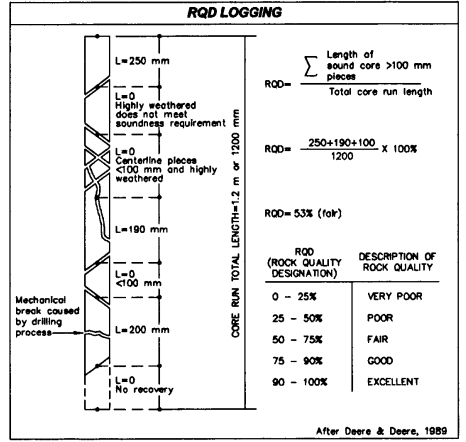
WEATHERING DESCRIPTORS						
Modified from United States Bureau of Reclamation, Engineering Geology Field Manual.						
Descriptors	Diagnostic features			Texture and solutioning		General characteristics (strength, excavation, etc.)
	Chemical weathering—Discoloration and/or oxidation	Mechanical weathering—Grain boundary conditions (disaggregation) primarily for granitics and some coarse-grained sediments	Texture	Solutioning		
Fresh	No discoloration, not oxidized	No discoloration or oxidation	No separation, intact (tight)	No change	No solutioning	Hammer rings when crystalline rocks are struck. Almost always rock excavation except for naturally weak or weakly cemented rocks such as siltstones or shales.
Slightly weathered to fresh*						
Slightly weathered	Discoloration or oxidation is limited to surface or, at short distance from fractures, some feldspar crystals are dull	Minor to complete discoloration or oxidation of most surfaces	No visible separation, intact (tight)	Preserved	Minor leaching of some soluble minerals may be noted	Hammer rings when crystalline rocks are struck. Body of rock not weakened. With few exceptions, such as siltstones or shales, classified as rock excavation.
Moderately to slightly weathered*						
Moderately weathered	Discoloration or oxidation extends from fractures usually throughout; Fe-Mg minerals are "fuzzy", feldspar crystals are "cloudy".	All fracture surfaces are discolored or oxidized	Partial separation of boundaries visible	Generally preserved	Soluble minerals may be mostly leached	Hammer does not ring when rock is struck. Body of rock is slightly weakened. Depending on fracturing, usually is rock excavation except in naturally weak rocks such as siltstones or shales.
Intensely to moderately weathered*						
Intensely weathered	Discoloration or oxidation throughout; all feldspars and Fe-Mg minerals are altered to clay to some extent; or chemical alteration produces in situ diagenesis, see grain boundary conditions.	All fracture surfaces are discolored or oxidized	Partial separation, rock is friable; in some conditions granitics are disaggregated	Texture altered by chemical disintegration (hydration, argillification)	Leaching of soluble minerals may be complete	Dull sound when struck with hammer, usually can be broken with moderate to heavy manual pressure or by light hammer blow without reference to planes of weakness such as inclined or bedding fractures, or veinlets. Rock is significantly weakened. Usually common excavation.
Very intensely weathered*						
Decomposed	Discolored or oxidized throughout, but resistant minerals such as quartz may be unaltered; all feldspars and Fe-Mg minerals are completely altered to clay.	Complete separation of grain boundaries (disaggregated)	Resembles a soil, partial or complete remnant rock structure may be preserved; leaching of soluble minerals usually complete			Can be granulated by hand. Always common excavation. Resistant minerals such as quartz may be present as "stringers" or "clots".

NOTE: This chart and its horizontal categories are more readily applied to rocks with feldspars and mafic minerals. Weathering in various sedimentary rocks, particularly, limestones and poorly indurated sediments, will not always fit the categories established. This chart and weathering categories may have to be modified for particular site conditions or alterations such as hydrothermal effects; however, the basic framework and similar descriptors are to be used.

* Combination descriptors are permissible where equal distribution of both weathering characteristics are present over significant intervals or where characteristics present are "in between" the diagnostic feature. However, dual descriptors should not be used where significant, identifiable zones can be delineated. When given as a range, only two adjacent terms may be combined (i.e., decomposed to slightly weathered or moderately weathered to fresh) are not acceptable.

* Does not include directional weathering along shears or faults and their associated features. For example, a shear zone that carried weathering to great depths into a fresh rock mass would not require the rock mass to be classified as weathered.

* These are generalizations and should not be used as diagnostic features for weathering or excavation classification. These characteristics vary to a large extent based on naturally weak materials or cementation and type of excavation.



FRACTURE DENSITY	
Modified from United States Bureau of Reclamation, Engineering Geology Field Manual.	
<p>FRACTURE DENSITY—Based on the spacing of all natural fractures in an exposure or core recovery lengths in boreholes, including unconsolidated breccias, shales, and shaly zones; however, shear-distributed zones (fracturing outside the shear) are included. Descriptors for fracture density apply to all rock exposures such as tunnel walls, dozer trenches, outcrops, or foundation cut slopes and inverts, as well as boreholes. Descriptive criteria presented below are based on borehole cores where lengths are measured along the core axis, for other exposures the criteria is distance measured between fractures (size of blocks).</p> <p>(UNFRACTURED (F0)): No fractures.</p> <p>VERY SLIGHTLY FRACTURED (FD1): Core recovered mostly in lengths greater than 1 m.</p> <p>SLIGHTLY TO VERY SLIGHTLY FRACTURED (FD2)*</p> <p>SLIGHTLY FRACTURED (FD3): Core recovered mostly in lengths from 300 to 1000 mm, with few scattered lengths less than 300 mm or greater than 1000 mm.</p> <p>MODERATELY TO SLIGHTLY FRACTURED (FD4)*</p> <p>MODERATELY FRACTURED (FD5): Core recovered mostly in 100 to 300 mm lengths with most lengths about 200 mm.</p> <p>INTENSELY TO MODERATELY FRACTURED (FD6)*</p> <p>INTENSELY FRACTURED (FD7): Lengths average from 30 to 100 mm with scattered fragmented intervals. Core recovered mostly in lengths less than 100 mm.</p> <p>VERY INTENSELY TO INTENSELY FRACTURED (FD8)*</p> <p>VERY INTENSELY FRACTURED (FD9): Core recovered mostly as chips and fragments with a few scattered short core lengths.</p> <p>* Combinations of fracture densities (e.g. very intensely to intensely fractured or moderately to slightly fractured) are used where equal distribution of both fracture density characteristics are present over a significant interval or exposure, or where characteristics are "in between" the descriptor definitions.</p>	

ROCK HARDNESS/STRENGTH DESCRIPTORS		
Alphanumeric Descriptor	Descriptor	Criteria
H1	Extremely hard	Core, fragment, or exposure cannot be scratched with knife or sharp pick; can only be chipped with repeated heavy hammer blows.
H2	Very hard	Can be scratched with knife or sharp pick. Core or fragment breaks with repeated heavy hammer blows.
H3	Hard	Can be scratched with knife or sharp pick with difficulty (heavy pressure). Heavy hammer blow required to break specimen.
H4	Moderately hard	Can be scratched with knife or sharp pick with light or moderate pressure. Core or fragment breaks with moderate hammer blow.
H5	Moderately soft	Can be grooved 1/16 inch (2 mm) deep by knife or sharp pick with moderate or heavy pressure. Core or fragment breaks with light hammer blow or heavy manual pressure.
H6	Soft	Can be grooved or gouged easily by knife or sharp pick with light pressure, can be scratched with fingernail. Breaks with light to moderate manual pressure.
H7	Very soft	Can be readily indented, grooved or gouged with fingernail, or carved with a knife. Breaks with light manual pressure.
Any bedrock unit softer than H7, very soft, is to be described using ASTM D-2488 consistency descriptors.		
NOTE: Although "sharp pick" is included in these definitions, descriptions of ability to be scratched, grooved or gouged by a knife is the preferred criteria.		
Modified from United States Bureau of Reclamation, Engineering Geology Field Manual.		

NOTES

- Standard Penetration Tests (SPT) were performed in accordance with ASTM D 1586-84 using a safety hammer operated with coil-head, rope and pulley. Drill rods were 1.61 inch diameter "A"-rods; sampler was driven without cross liners.
- Rock classification according to Caltrans "Soil & Rock Logging Classification Manual (Field Guide)", August 1996.
- Rock Quality Designation (RQD), Weathering, Rock Hardness/Strength, Bedding, and Fracture Density, as shown on this sheet, were used to describe all rock core from borings. Descriptors were determined in the field.
- REC = Percent Core Recovery.
- RQD = Percent Rock Quality Designation.
- Electronic memo for plan view provided by Parsons Brinckerhoff, March 9, 2001.

Source: U.S. Department of Interior, Bureau of Reclamation "Engineering Geology Field Manual".

DESIGN OVERSIGHT	DRAWN BY	M. D. Robertson	T. A. Krause & M. W. Heublen FIELD INVESTIGATOR	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	CU EA
SIGN OFF DATE	CHECKED BY	K. R. Dahl & M. W. Heublen	DATE	January 2001	DATE	CU EA

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

0 20 40 60 80

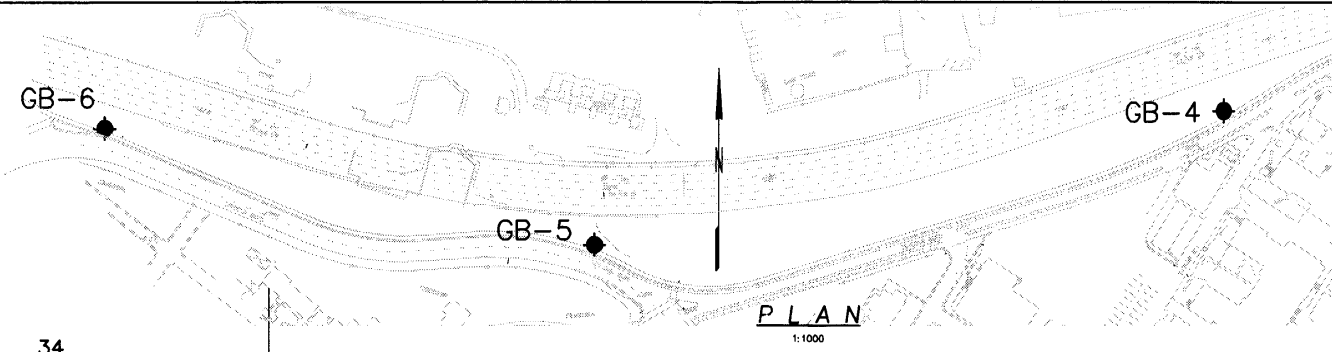
DOYLE DRIVE RECONSTRUCTION PROJECT

LOG OF TEST BORINGS No. 2

DATE: 03/22/01

FILE: 202300133.dwg

TABER CONSULTANTS JOB NO. 202/300/133



NOTES

Field classification of soils was in accordance with ASTM D 2486-93 "Description and Identification of Soils (Visual-Manual Procedure)".

Standard Penetration tests were performed in accordance with ASTM D 1586-84 using a safety hammer operated with coil-head, rope and pulley. Drill rods were 41 mm diameter "A"-rod; sampler was driven with brass liners.

65 mm sampler, ID=65 mm, OD=74 mm. Driven in same manner as SPT ("35 mm") sampler.

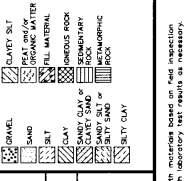
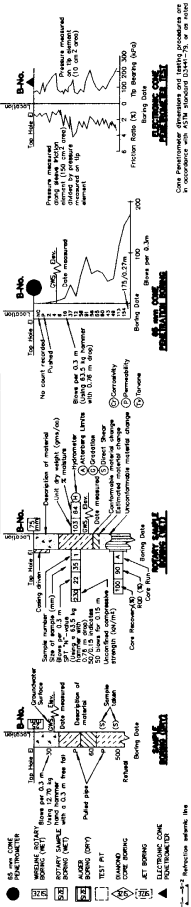
Rock Classification according to U.S. Department of Interior, Bureau of Reclamation "Engineering Geology Field Manual" (see Log of Test Borings No. 2).

Electronic media for plan view provided by Parsons Brinkerhoff, March 9, 2001. Elevations and locations (Northings and Eastings) provided by Chaudhary & Associates, Inc., May 18, 2001.

LEGEND OF BORING OPERATIONS

LEGEND OF EARTH MATERIALS

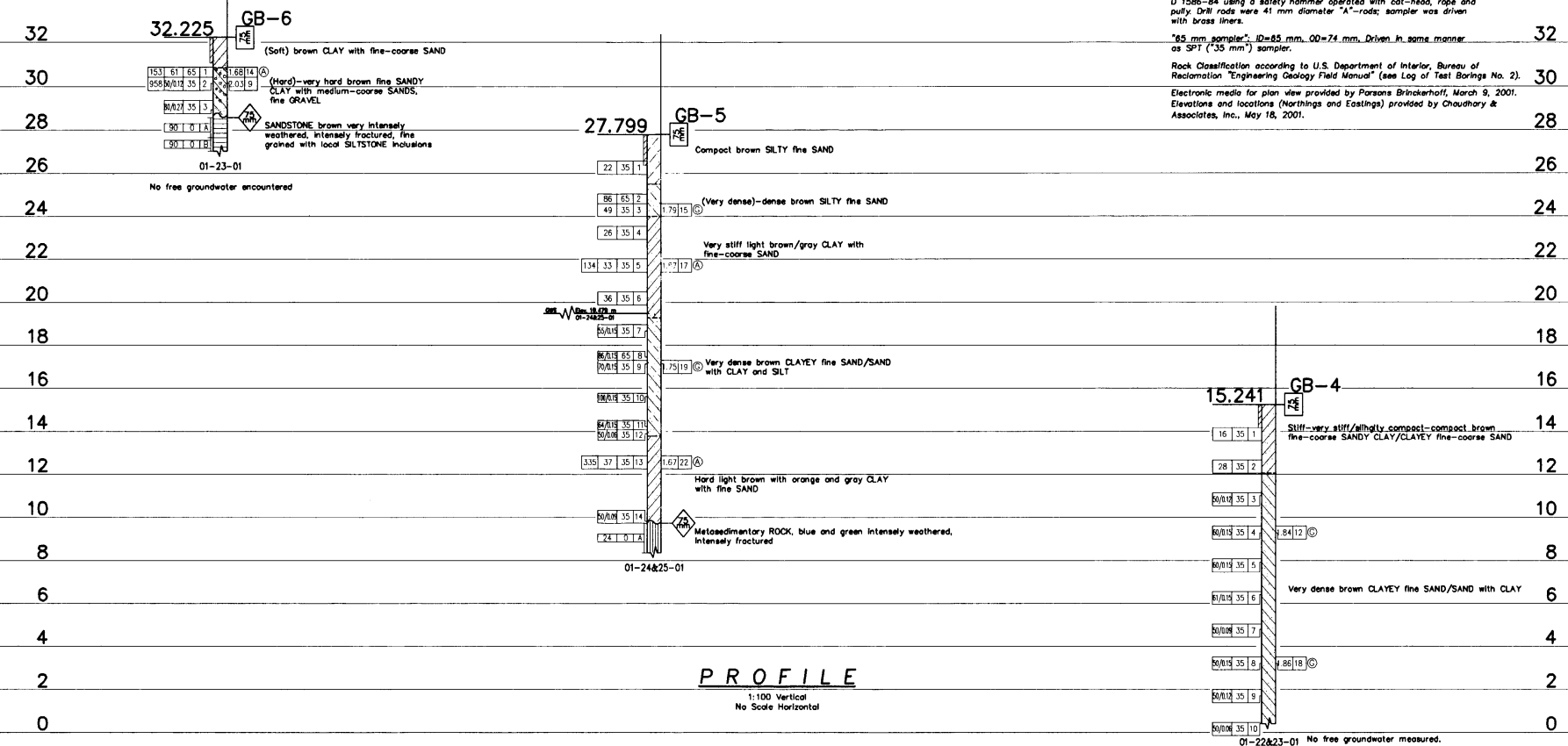
CONSISTENCY CLASSIFICATION FOR SOILS



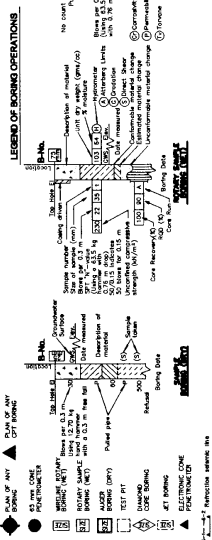
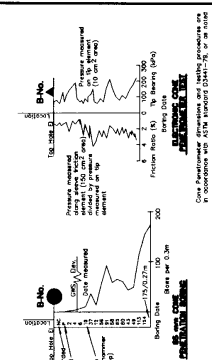
Consistency	Symbol
Very loose	(Symbol)
Slightly loose	(Symbol)
Loose	(Symbol)
Medium dense	(Symbol)
Dense	(Symbol)
Very dense	(Symbol)

Core Penetration Operations on Test Procedures are in accordance with ASTM Standard E2486-93, or as noted.

NOTE: Soil samples are to be tested with laboratory tests such as compaction, moisture, and density.



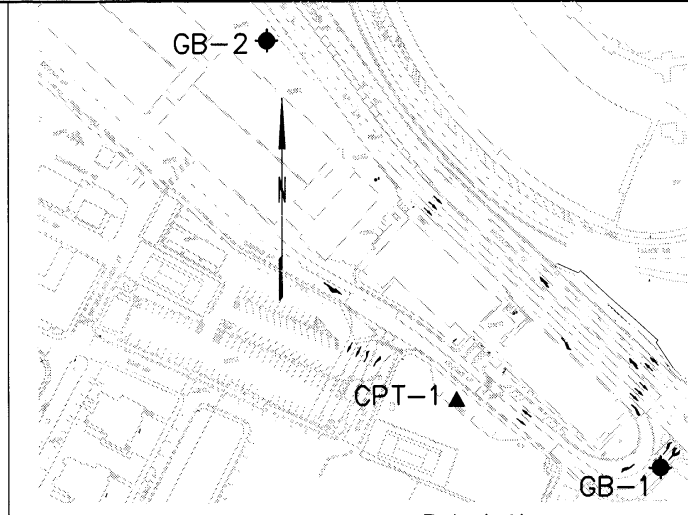
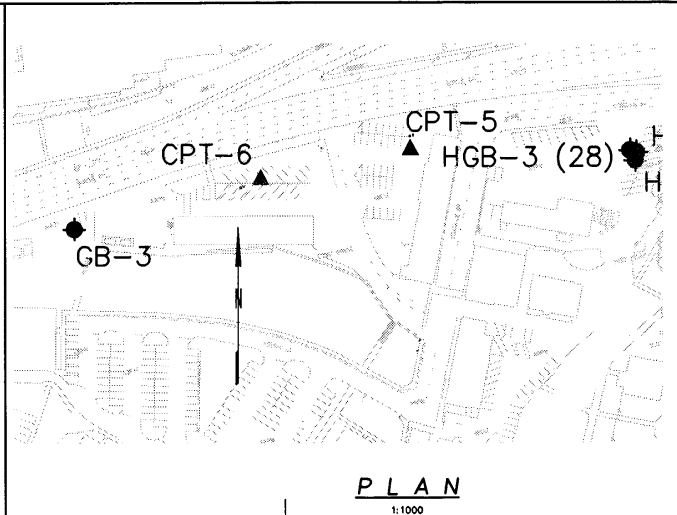
DESIGN OVERSIGHT	DRAWN BY	M. D. Robertson	M. W. Heublein	FIELD INVESTIGATOR	PROJECT ENGINEER	DOYLE DRIVE RECONSTRUCTION PROJECT
SIGN OFF DATE	CHECKED BY	K. R. Dahl & M. W. Heublein	DATE	January 2001		LOG OF TEST BORINGS No. 3



CONSISTENCY CLASSIFICATION FOR SOILS

Liquid Limit W _L (%)	Plasticity Index I _p (%)	Very loose	Very soft	Soft	Stiff	Very stiff	Very hard
		0-4	0-19	10-19	20-25	26-49	50-70

NOTE: Field classification of earth materials based on field inspection is considered of limited value. Laboratory test results are necessary.



NOTES

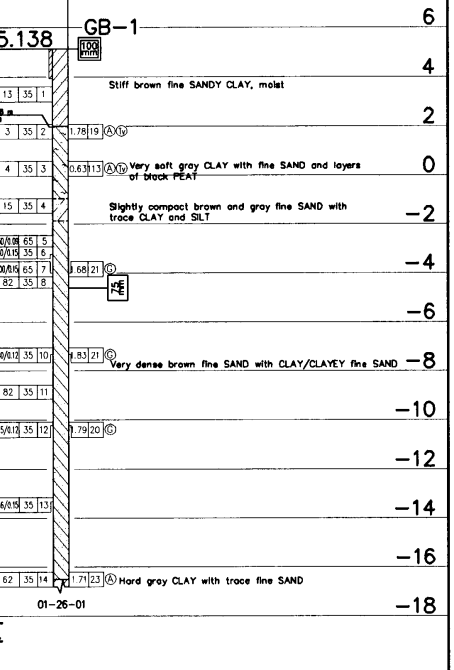
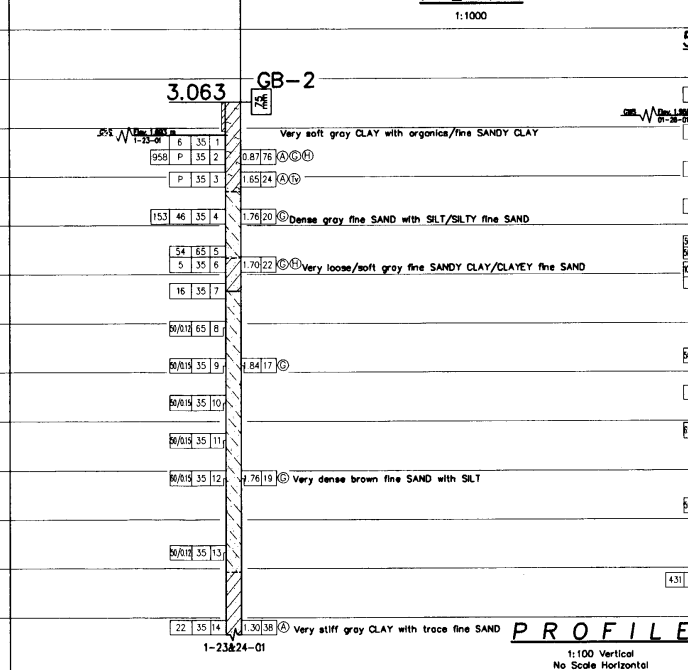
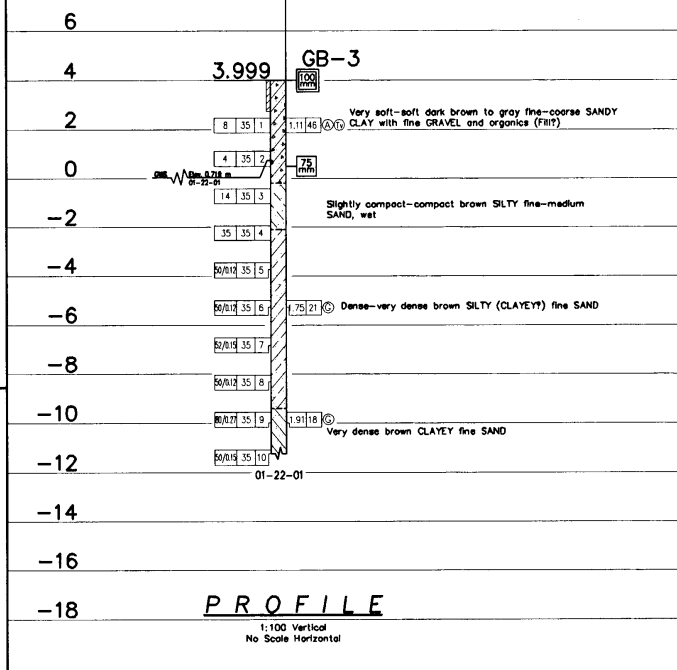
Field classification of soils was in accordance with ASTM D 2488-93 "Description and Identification of Soils (Visual-Manual Procedure)".

Standard Penetration tests were performed in accordance with ASTM D 1586-84 using a safety hammer operated with cat-head, rope and pulley. Drill rods were 41 mm diameter "A"-rods; sampler was driven with brass lines.

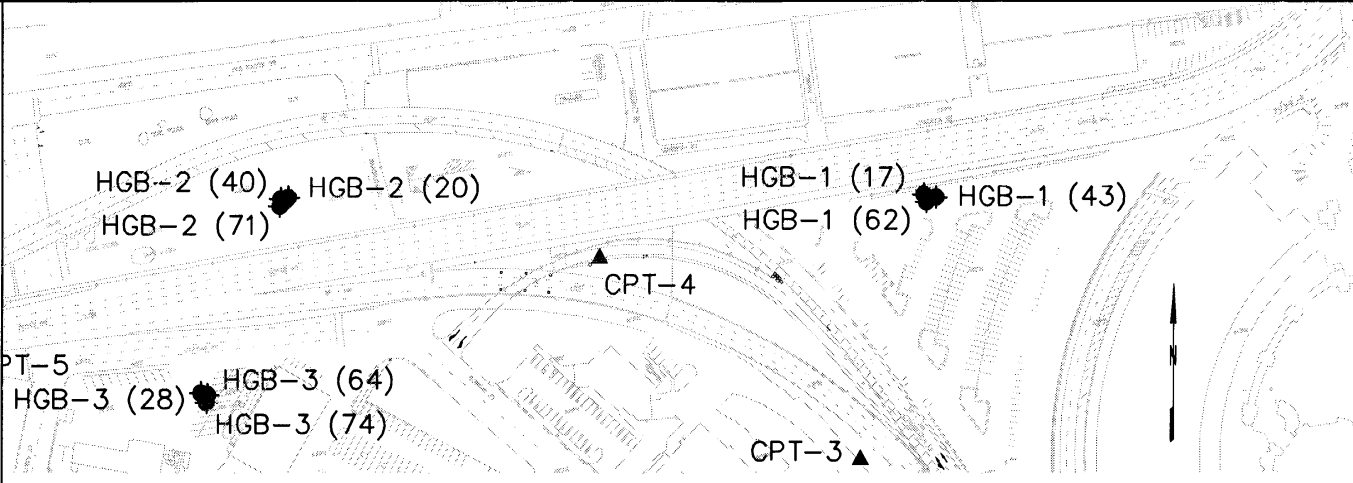
65 mm sampler, ID=65 mm, OD=74 mm. Driven in same manner as SPT ("35 mm") sampler.

Rock Classification according to U.S. Department of Interior, Bureau of Reclamation "Engineering Geology Field Manual" (see Log of Test Borings No. 2).

Electronic media for plan view provided by Parsons Brinckerhoff, March 9, 2001. Elevations and locations (Northings and Eastings) provided by Chaudhary & Associates, Inc., May 18, 2001.



DESIGN OVERSIGHT	DRAWN BY	M. D. Robertson	M. W. Heublein	PREPARED FOR THE	PROJECT ENGINEER	DOYLE DRIVE RECONSTRUCTION PROJECT LOG OF TEST BORINGS No. 4
SIGN OFF DATE	CHECKED BY	K. R. Dohl & M. W. Heublein	FIELD INVESTIGATOR	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	_____	
			DATE	January 2001		REVISION DATES (PRELIMINARY STAGE ONLY)



NOTES

Field classification of soils was in accordance with ASTM D 2488-93 "Description and Identification of Soils (Visual-Manual Procedure)".

Standard Penetration tests were performed in accordance with ASTM D 1586-84 using a safety hammer operated with coil-head, rope and pulley. Drill rods were 41 mm diameter "A"-rods; sampler was driven with brass liners.

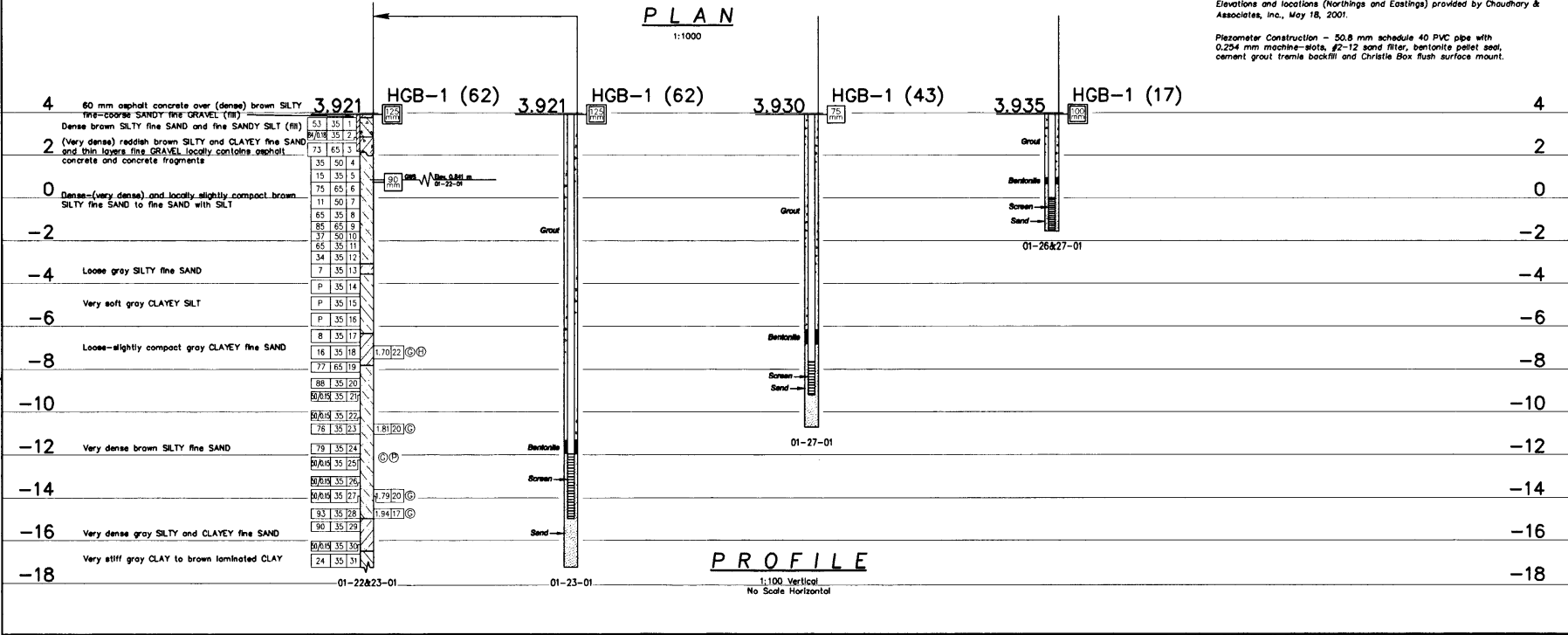
"65 mm sampler": ID=65 mm, OD=74 mm. Driven in some manner as SPT ("35 mm") sampler.

"50 mm sampler": ID=50 mm, OD=65 mm. Driven in some manner as SPT ("35 mm") sampler.

Rock Classification according to U.S. Department of Interior, Bureau of Reclamation "Engineering Geology Field Manual" (see Log of Test Borings No. 2).

Electronic media for plan view provided by Parsons Brinckerhoff, March 9, 2001. Elevations and locations (Northings and Eastings) provided by Chaudhary & Associates, Inc., May 18, 2001.

Piezometer Construction - 50.8 mm schedule 40 PVC pipe with 0.254 mm machine-welded #2-12 sand filter, bentonite pellet seal, cement grout tremie backfill and Christie Box flush surface mount.



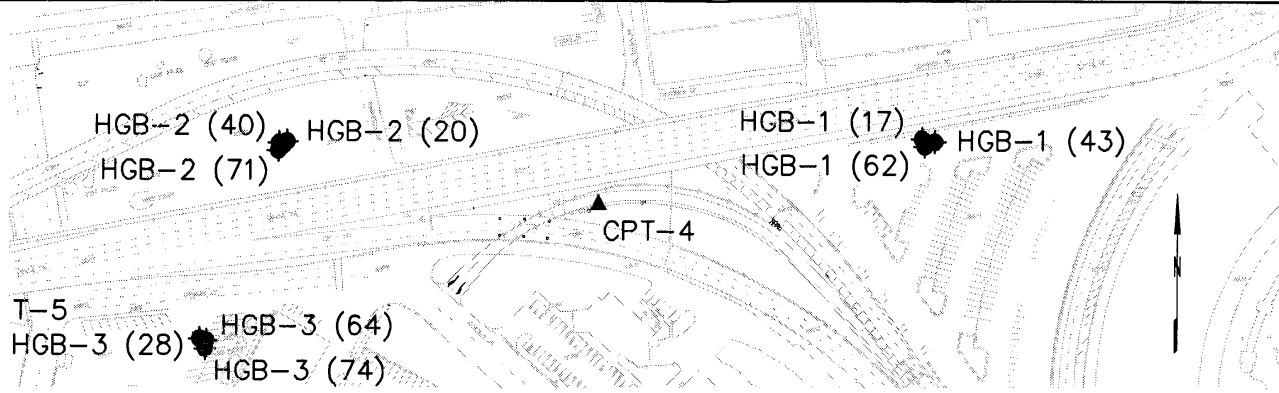
LEGEND OF BORING OPERATIONS

LEGEND OF EARTH MATERIALS

CONSISTENCY CLASSIFICATION FOR SOILS

NOTE: Visual classification of earth materials based on field observations is confirmed or revised with laboratory test results as necessary.

DESIGN OVERSIGHT	DRAWN BY M. D. Robertson	T. A. Kroyse & M. W. Heublein FIELD INVESTIGATOR	METRIC "ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC (m)"	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	DOYLE DRIVE RECONSTRUCTION PROJECT
SIGN OFF DATE	CHECKED BY K. R. Dohl & M. W. Heublein	DATE January 2001				LOG OF TEST BORINGS No. 5



NOTES

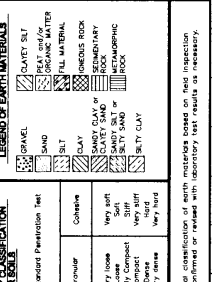
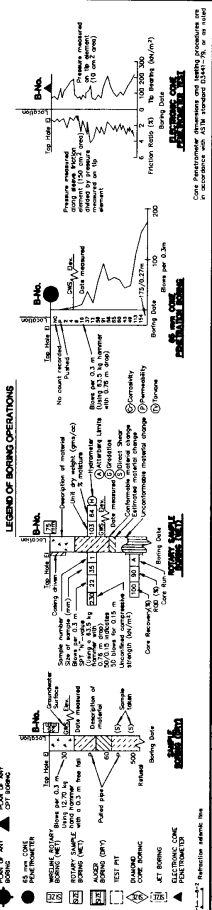
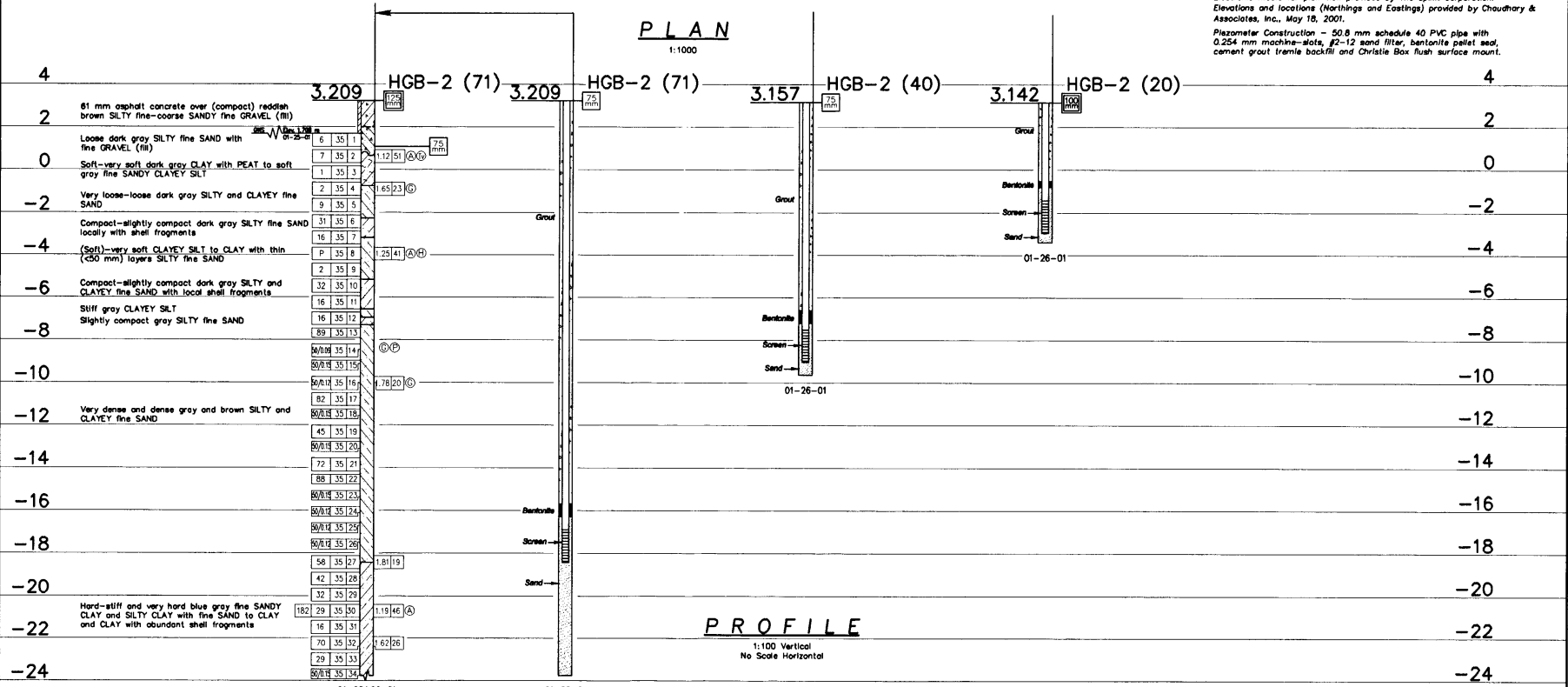
Field classification of soils was in accordance with ASTM D 2488-93 "Description and Identification of Soils (Visual-Manual Procedure)".

Standard Penetration tests were performed in accordance with ASTM D 1586-84 using a safety hammer operated with coil-head, rope and pulley. Drill rods were 41 mm diameter "A"-rods; sampler was driven with brass liners.

"55 mm sampler", ID=65 mm, OD=74 mm. Driven in same manner as SPT ("35 mm") sampler.

Electronic media for plan view provided by The Spink Corporation. Elevations and locations (Northings and Eastings) provided by Chaudhary & Associates, Inc., May 18, 2001.

Piezometer Construction - 50.8 mm schedule 40 PVC pipe with 0.254 mm machine-slot, #2-12 sand filter, bentonite pellet seal, cement grout tremie backfill and Christie Box flush surface mount.



NOTE: Visual classification of earth materials based on field inspection is confirmed or revised with laboratory test results as necessary.

DESIGN OVERSIGHT	DRAWN BY M. D. Robertson	T. A. Krouse FIELD INVESTIGATOR	METRIC "ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC (m)"	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	DOYLE DRIVE RECONSTRUCTION PROJECT
SIGN OFF DATE	CHECKED BY K. R. Dahl & M. W. Heublein	DATE January 2001				LOG OF TEST BORINGS No. 6
Taber Consultants Job No. 202/300/133	file Id: 202300133b2.dwg	date: 05/24/01	ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS	CU EA	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)

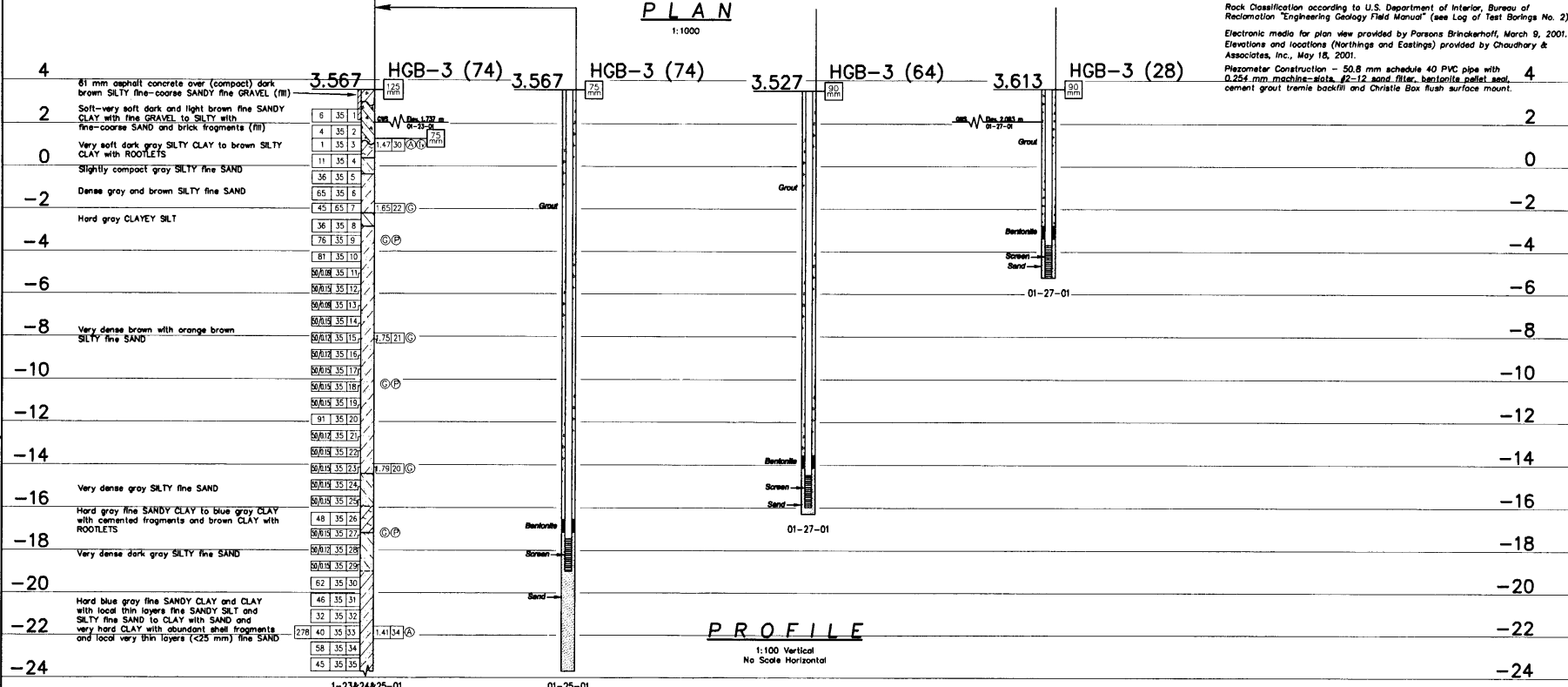
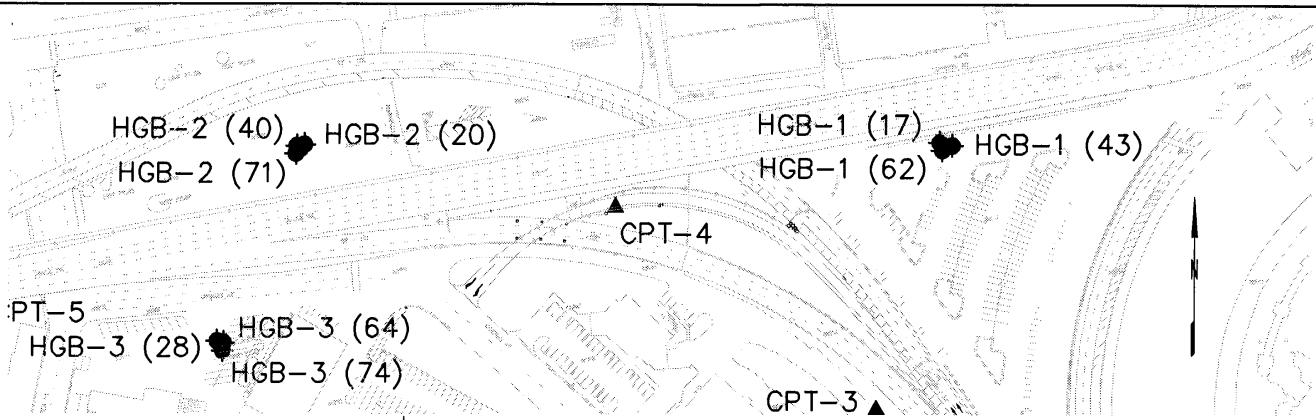


LEGEND OF BORING OPERATIONS

LEGEND OF EARTH MATERIALS

CONSISTENCY CLASSIFICATION FOR BORINGS

NOTE: Visual classification of earth materials based on field observation. If confirmed or revised with laboratory test results as necessary.



NOTES

Field classification of soils was in accordance with ASTM D 2488-93 "Description and Identification of Soils (Visual-Manual Procedure)".

Standard Penetration tests were performed in accordance with ASTM D 1586-84 using a safety hammer operated with cut-head, rope and pulley. Drill rods were 41 mm diameter "A"-rods; sampler was driven with brass liners.

65 mm sampler: ID=65 mm, OD=74 mm. Driven in some manner as SPT ("35 mm") sampler.

50 mm sampler: ID=50 mm, OD=65 mm. Driven in some manner as SPT ("35 mm") sampler.

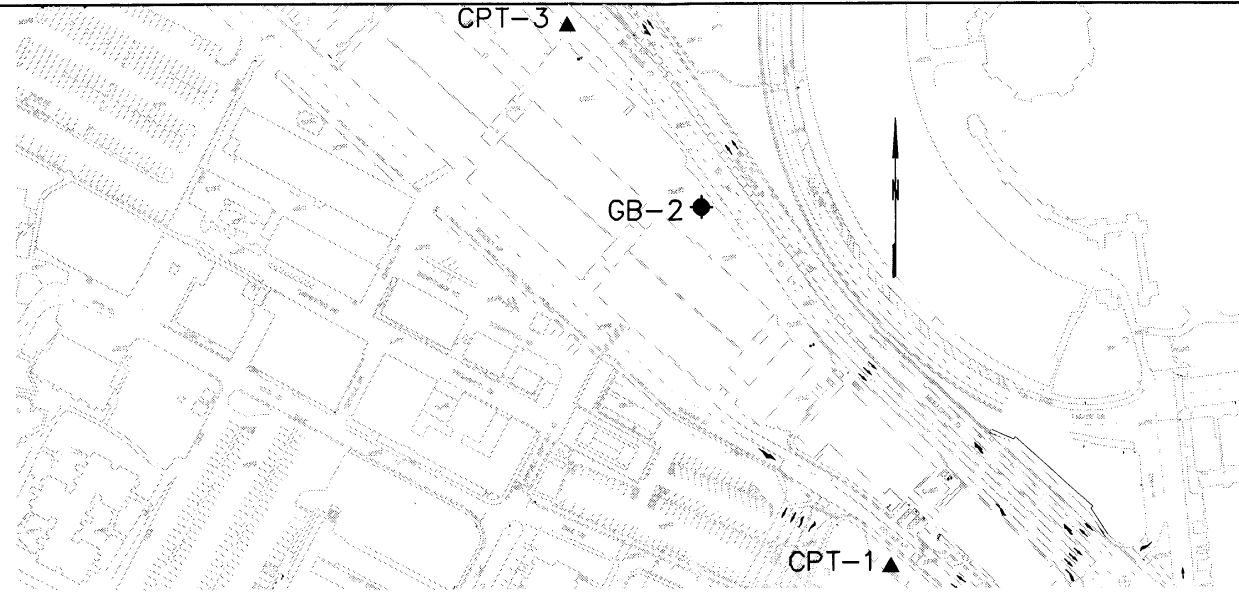
Rock Classification according to U.S. Department of Interior, Bureau of Reclamation "Engineering Geology Field Manual" (see Log of Test Borings No. 2).

Electronic media for plan view provided by Parsons Brinkerhoff, March 9, 2001. Elevations and locations (Northings and Eastings) provided by Chaudhary & Associates, Inc., May 18, 2001.

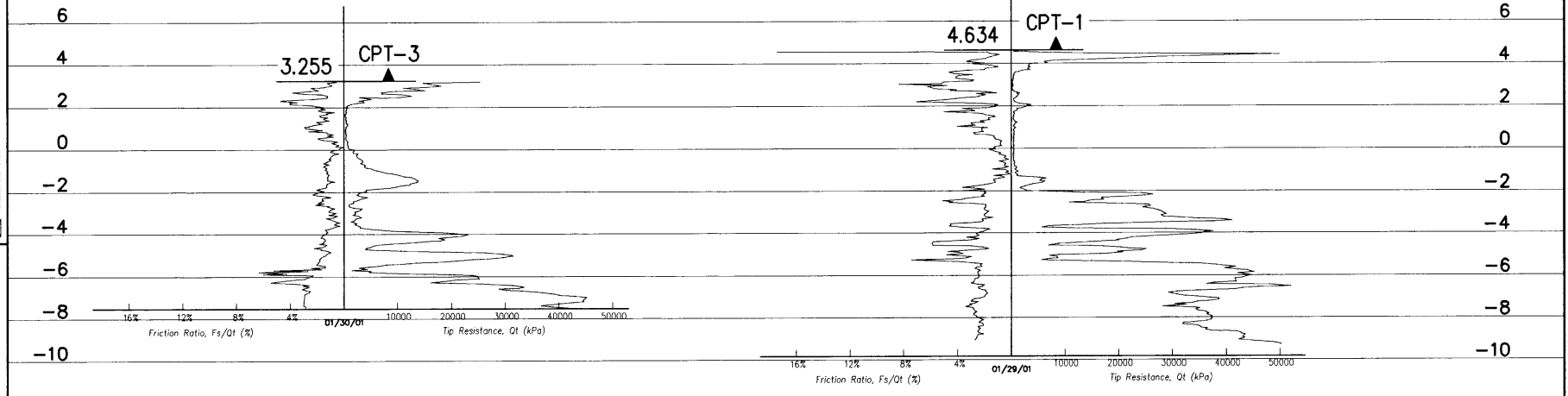
Piezometer Construction - 50.8 mm schedule 40 PVC pipe with 0.254 mm machine-made #2-12 sand filter, bentonite pellet seal, cement grout tremie backfill and Christie Box flush surface mount.



NOTES
 Electronic media for plan view provided by Parsons Brinckerhoff, March 9, 2001.
 Elevations and locations (Northings and Eastings) provided by Chaouhary & Associates, Inc., May 18, 2001.
 CPT data reported for CPT-4 through CPT-8 was digitized from original metric data plot.

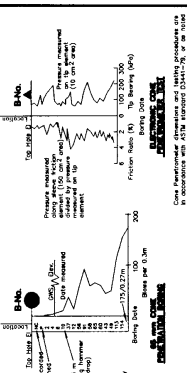


PLAN
1:1000



PROFILE
1:100 Vertical
No Scale Horizontal

LEGEND OF BORING OPERATIONS

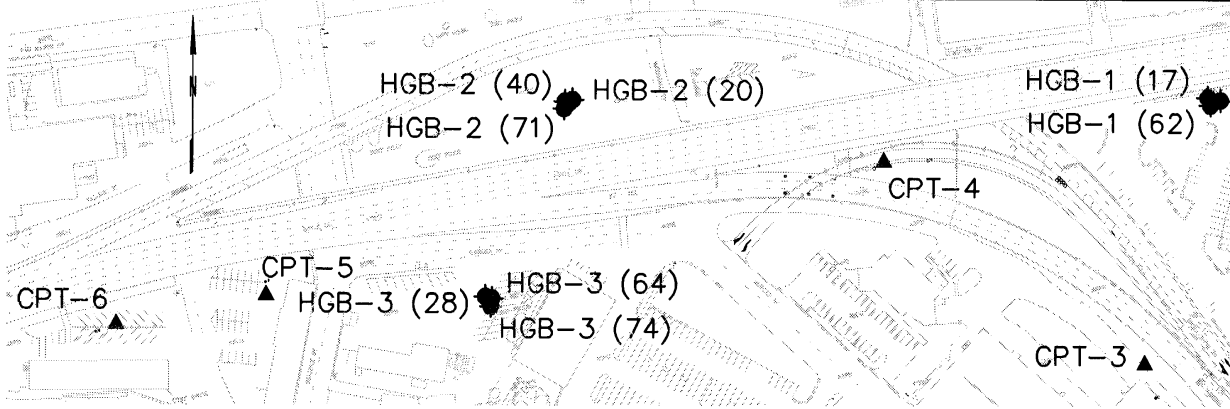


CONSISTENCY CLASSIFICATION FOR SOILS

LEGEND OF EARTH MATERIALS	
	GRAVEL
	SAND
	SILT
	CLAY
	ORGANIC CLAY
	SHALE
	SANDSTONE
	SILTSTONE
	CLAYSTONE
	BEDROCK
	UNCONSOLIDATED MATERIAL

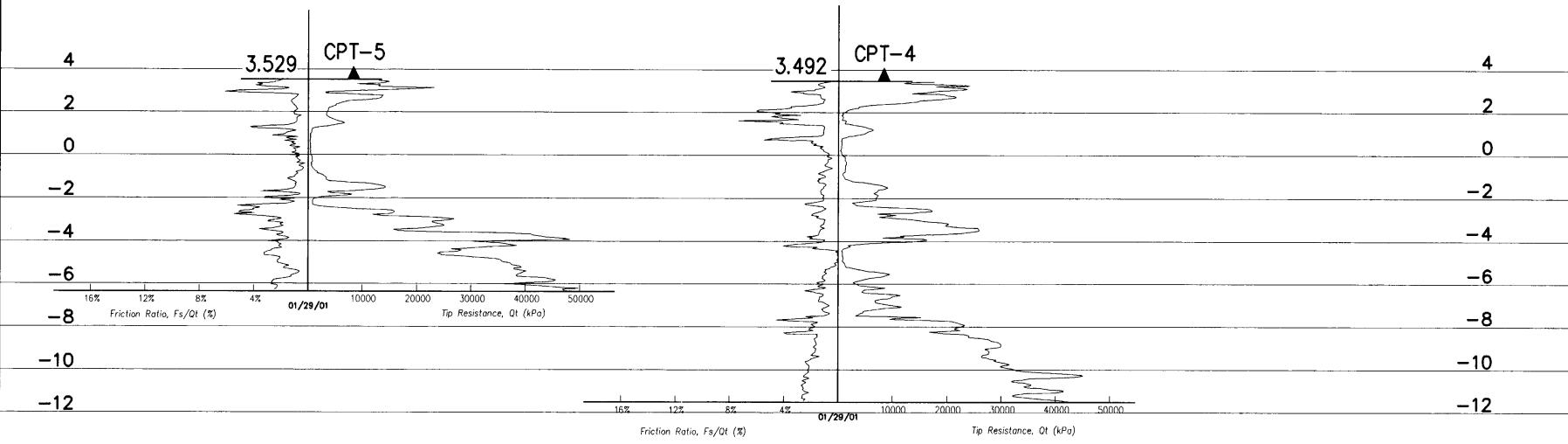
CONSISTENCY CLASSIFICATION FOR SOILS	
Penetration Test	Consistency
0-4	Very soft
4-10	Soft
10-20	Medium stiff
20-25	Stiff
25-30	Very stiff
>30	Very hard

Soils are classified based on field inspection. Visual classification of earth materials based on field inspection is confirmed or revised with laboratory test results, as necessary.
 Cone Resistance, Friction, and SPT Data are in accordance with ASTM standard D5851-76, or as noted.



PLAN
1:1000

NOTES
Electronic media for plan view provided by Parsons Brinckerhoff, March 9, 2001.
Elevations and locations (Northings and Eastings) provided by Chaudhary & Associates, Inc., May 18, 2001.
CPT data reported for CPT-4 through CPT-8 was digitized from original metric data plot.



PROFILE
1:100 Vertical
No Scale Horizontal

LEGEND OF BORING OPERATIONS

B.No. Borehole Number
 S.S. Soil Sample
 P.P. Penetration Test
 C.C. Cone Capacity
 T.T. Tip Test
 F.F. Friction Test
 S.S. Soil Sample
 P.P. Penetration Test
 C.C. Cone Capacity
 T.T. Tip Test
 F.F. Friction Test

LEGEND OF EARTH MATERIALS

GRAVEL
 SAND
 SILT
 CLAY
 SILT CLAY
 CLAYEY SAND
 SANDY CLAY
 SILTY CLAY
 CLAYEY SILT
 SILTY SILT
 CLAYEY SILT
 SILTY CLAY

LEGEND OF EARTH MATERIALS (continued)

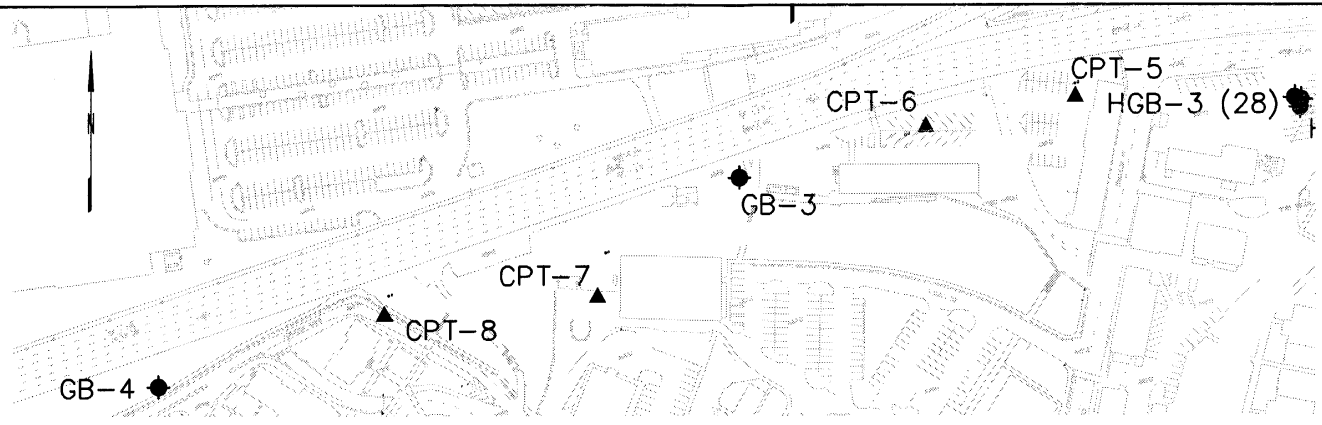
GRAVEL
 SAND
 SILT
 CLAY
 SILT CLAY
 CLAYEY SAND
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 SILTY SILT
 CLAYEY SILT
 SILTY CLAY

CONSISTENCY CLASSIFICATION

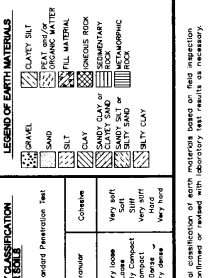
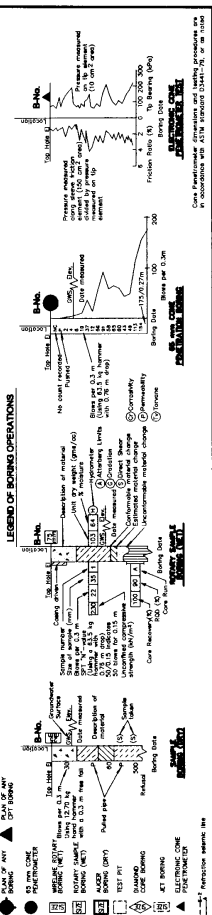
According to the Standard Penetration Test

Blow Count	Consistency
0-4	Very Loose
5-9	Loose
10-14	Medium
15-19	Stiff
20-24	Very Stiff
25-29	Hard
30-34	Very Hard
35-39	Extremely Hard
40-44	Very Hard
45-49	Extremely Hard
50-54	Very Hard
55-59	Extremely Hard
60-64	Very Hard
65-69	Extremely Hard
70-74	Very Hard
75-79	Extremely Hard
80-84	Very Hard
85-89	Extremely Hard
90-94	Very Hard
95-99	Extremely Hard
100-104	Very Hard
105-109	Extremely Hard
110-114	Very Hard
115-119	Extremely Hard
120-124	Very Hard
125-129	Extremely Hard
130-134	Very Hard
135-139	Extremely Hard
140-144	Very Hard
145-149	Extremely Hard
150-154	Very Hard
155-159	Extremely Hard
160-164	Very Hard
165-169	Extremely Hard
170-174	Very Hard
175-179	Extremely Hard
180-184	Very Hard
185-189	Extremely Hard
190-194	Very Hard
195-199	Extremely Hard
200-204	Very Hard
205-209	Extremely Hard
210-214	Very Hard
215-219	Extremely Hard
220-224	Very Hard
225-229	Extremely Hard
230-234	Very Hard
235-239	Extremely Hard
240-244	Very Hard
245-249	Extremely Hard
250-254	Very Hard
255-259	Extremely Hard
260-264	Very Hard
265-269	Extremely Hard
270-274	Very Hard
275-279	Extremely Hard
280-284	Very Hard
285-289	Extremely Hard
290-294	Very Hard
295-299	Extremely Hard
300-304	Very Hard
305-309	Extremely Hard
310-314	Very Hard
315-319	Extremely Hard
320-324	Very Hard
325-329	Extremely Hard
330-334	Very Hard
335-339	Extremely Hard
340-344	Very Hard
345-349	Extremely Hard
350-354	Very Hard
355-359	Extremely Hard
360-364	Very Hard
365-369	Extremely Hard
370-374	Very Hard
375-379	Extremely Hard
380-384	Very Hard
385-389	Extremely Hard
390-394	Very Hard
395-399	Extremely Hard
400-404	Very Hard
405-409	Extremely Hard
410-414	Very Hard
415-419	Extremely Hard
420-424	Very Hard
425-429	Extremely Hard
430-434	Very Hard
435-439	Extremely Hard
440-444	Very Hard
445-449	Extremely Hard
450-454	Very Hard
455-459	Extremely Hard
460-464	Very Hard
465-469	Extremely Hard
470-474	Very Hard
475-479	Extremely Hard
480-484	Very Hard
485-489	Extremely Hard
490-494	Very Hard
495-499	Extremely Hard
500-504	Very Hard
505-509	Extremely Hard
510-514	Very Hard
515-519	Extremely Hard
520-524	Very Hard
525-529	Extremely Hard
530-534	Very Hard
535-539	Extremely Hard
540-544	Very Hard
545-549	Extremely Hard
550-554	Very Hard
555-559	Extremely Hard
560-564	Very Hard
565-569	Extremely Hard
570-574	Very Hard
575-579	Extremely Hard
580-584	Very Hard
585-589	Extremely Hard
590-594	Very Hard
595-599	Extremely Hard
600-604	Very Hard
605-609	Extremely Hard
610-614	Very Hard
615-619	Extremely Hard
620-624	Very Hard
625-629	Extremely Hard
630-634	Very Hard
635-639	Extremely Hard
640-644	Very Hard
645-649	Extremely Hard
650-654	Very Hard
655-659	Extremely Hard
660-664	Very Hard
665-669	Extremely Hard
670-674	Very Hard
675-679	Extremely Hard
680-684	Very Hard
685-689	Extremely Hard
690-694	Very Hard
695-699	Extremely Hard
700-704	Very Hard
705-709	Extremely Hard
710-714	Very Hard
715-719	Extremely Hard
720-724	Very Hard
725-729	Extremely Hard
730-734	Very Hard
735-739	Extremely Hard
740-744	Very Hard
745-749	Extremely Hard
750-754	Very Hard
755-759	Extremely Hard
760-764	Very Hard
765-769	Extremely Hard
770-774	Very Hard
775-779	Extremely Hard
780-784	Very Hard
785-789	Extremely Hard
790-794	Very Hard
795-799	Extremely Hard
800-804	Very Hard
805-809	Extremely Hard
810-814	Very Hard
815-819	Extremely Hard
820-824	Very Hard
825-829	Extremely Hard
830-834	Very Hard
835-839	Extremely Hard
840-844	Very Hard
845-849	Extremely Hard
850-854	Very Hard
855-859	Extremely Hard
860-864	Very Hard
865-869	Extremely Hard
870-874	Very Hard
875-879	Extremely Hard
880-884	Very Hard
885-889	Extremely Hard
890-894	Very Hard
895-899	Extremely Hard
900-904	Very Hard
905-909	Extremely Hard
910-914	Very Hard
915-919	Extremely Hard
920-924	Very Hard
925-929	Extremely Hard
930-934	Very Hard
935-939	Extremely Hard
940-944	Very Hard
945-949	Extremely Hard
950-954	Very Hard
955-959	Extremely Hard
960-964	Very Hard
965-969	Extremely Hard
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980-984	Very Hard
985-989	Extremely Hard
990-994	Very Hard
995-999	Extremely Hard

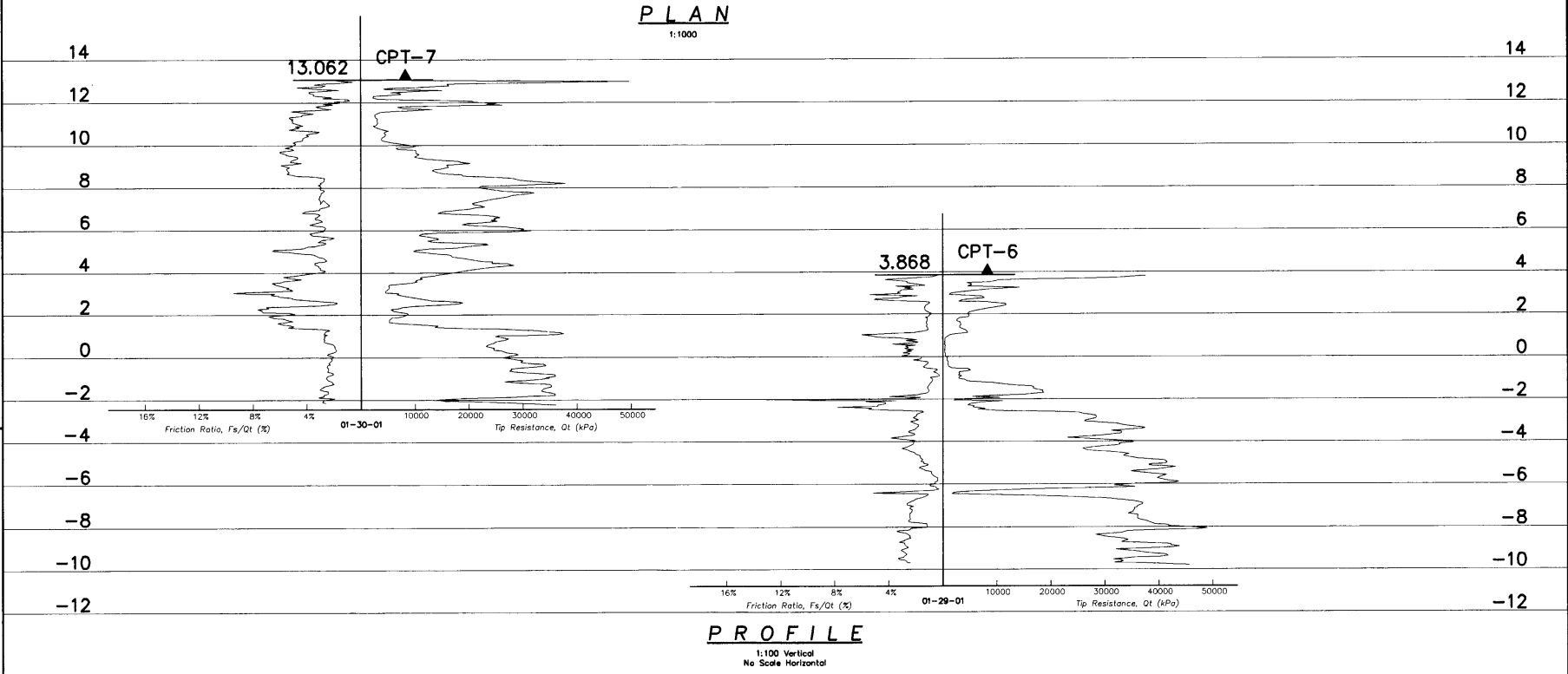
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SIGN OFF DATE	CHECKED BY K. R. Dahl & M. W. Heublein	DATE January 2001				LOG OF TEST BORINGS No. 9	



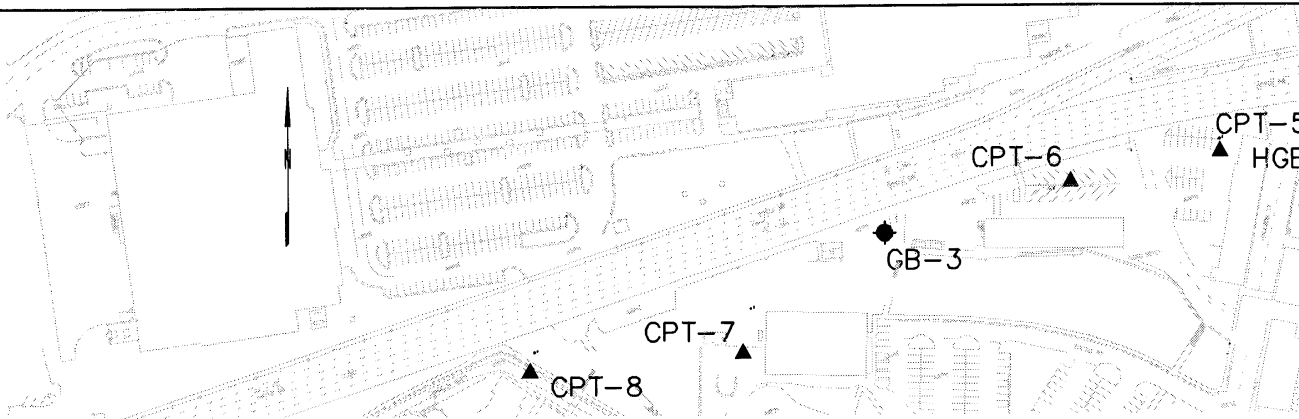
NOTES
 Electronic media for plan view provided by Parsons Brinckerhoff, March 9, 2001.
 Elevations and locations (Northings and Eastings) provided by Chaudhary & Associates, Inc., May 18, 2001.
 CPT data reported for CPT-4 through CPT-8 was digitized from original metric data plot.



CONSISTENCY CLASSIFICATION FOR SOILS	
Standard Penetration Test (SPT) blow count	Consistency
0-4	Very Soft
5-10	Soft
10-19	Slightly Compacted
20-29	Medium
30-39	Stiff
40-49	Very Stiff
>50	Very Hard



DESIGN OVERSIGHT	DRAWN BY M. D. Robertson	T. d'Arcy FIELD INVESTIGATOR	METRIC "ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC (m)"	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	DOYLE DRIVE RECONSTRUCTION PROJECT LOG OF TEST BORINGS No. 10
SIGN OFF DATE	CHECKED BY K. R. Dahl & M. W. Heublein	DATE January 2001	ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS	CU EA	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)



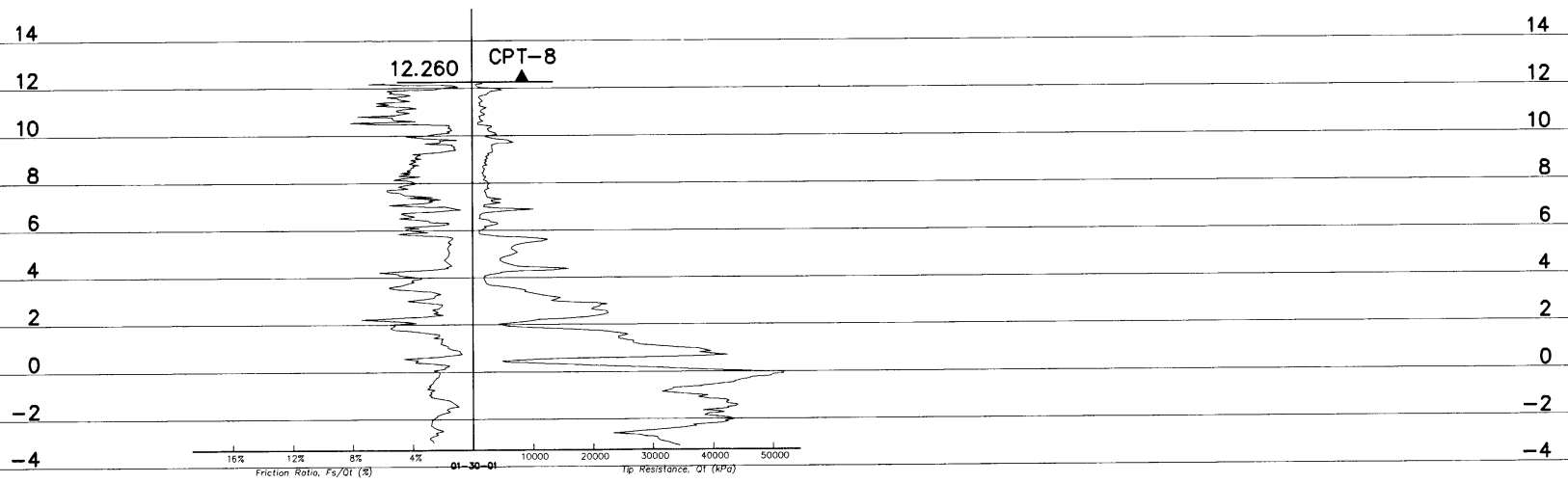
PLAN

1:1000

NOTES

Electronic media for plan view provided by Parsons Brinckerhoff, March 9, 2001.
Elevations and locations (Northings and Eastings) provided by Chaudhary & Associates, Inc., May 16, 2001.

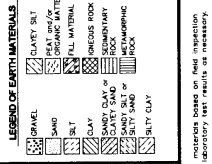
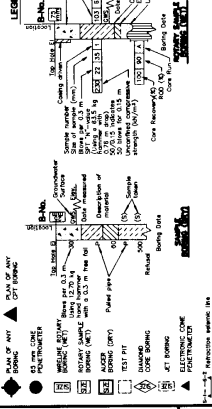
CPT data reported for CPT-4 through CPT-8 was digitized from original metric data plot.



PROFILE

1:100 Vertical
No Scale Horizontal

LEGEND OF BORING OPERATIONS



CONSISTENCY CLASSIFICATION

Plasticity Index	Consistency	Colloidal
0-4	Very loose	Very soft
5-7	Loose	Soft
10-14	Medium loose	Medium stiff
15-20	Medium	Stiff
20-24	Compact	Very stiff
25-29	Dense	Very stiff
30-34	Very dense	Very stiff
35-39	Extremely dense	Very stiff
40-44	Very dense	Very stiff
45-49	Extremely dense	Very stiff
50-54	Very dense	Very stiff
55-59	Extremely dense	Very stiff
60-64	Very dense	Very stiff

NOTE: Visual classification of earth materials based on field inspection is confirmed or revised with laboratory test results as necessary.

DESIGN OVERSIGHT	DRAWN BY M. D. Robertson	T. d'Arcy FIELD INVESTIGATOR	METRIC "ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC (m)"	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	DOYLE DRIVE RECONSTRUCTION PROJECT		
SIGN OFF DATE	CHECKED BY K. R. Dahl & M. W. Heublein	DATE January 2001			CU EA	KP	LOG OF TEST BORINGS No. 11	
ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS			0 20 40 60 80		REVISION DATES (PRELIMINARY STAGE ONLY)			
Taber Consultants Job No. 202/300/133 #/c Id: 202300133v.dwg date: 05/24/01					DONEGARD PRINTS BEARING EARLIER REVISION DATES			

APPENDIX C

ALTERNATE INSTALLATION TECHNOLOGIES WITH MINIMAL IMPACT

Overview

Traditional piling installations rely on percussion, vibration, digging operations which are disruptive to the site. New methods of installation have been developed and are mature in the European and Japanese markets. These markets have developed foundation installation systems which can minimize impacts to the environment by reducing:

1. Noise
2. Vibrations
3. Impacts to adjacent structures
4. Space required to install the foundation system

Installation Methods

1. Press-In Method
2. Hydraulic Drilling Method
3. Hydraulic Oscillator Methods

Press-In Method

Hydraulic jacking system which uses fully installed piles as the reaction force for pile installation. All moving, pitching and pressing-in of piles is done from the top of fully installed piles. No reliance on the self-weight and base of the piling machine for stability and reaction of counter-weighting, as required by normal piling operations.

Pile types:

- tubular steel piles
- U-sheet piling
- Z-sheet piling
- Zero-sheet piling
- H-piles
- concrete piles

Piling may be installed in adverse conditions, including:

- Non-Staging, narrow access
- Limited overhead clearance
- Zero clearance
- Adjacent structures safety
- Difficult subsoil conditions

Developer: Geiken Seisakusho Co., Ltd.

General Information: www.giken-smp.com

American Contact:

Giken America Corporation

5802 Hoffner Ave., #707

Orlando, FL 32822

Phone: 407.380.3232

Fax: 407.380.9411

Email: info@gikenamerica.com

Figures C1, C2, and C3 show applications and example projects of the Press-In Method.

World Leader of Pressed-in Foundation



Marvelous Solutions for Road Widening Construction

Maintain Existing Traffic !! Save Overall Cost !! Minimize Environmental Impact !!

Proposals

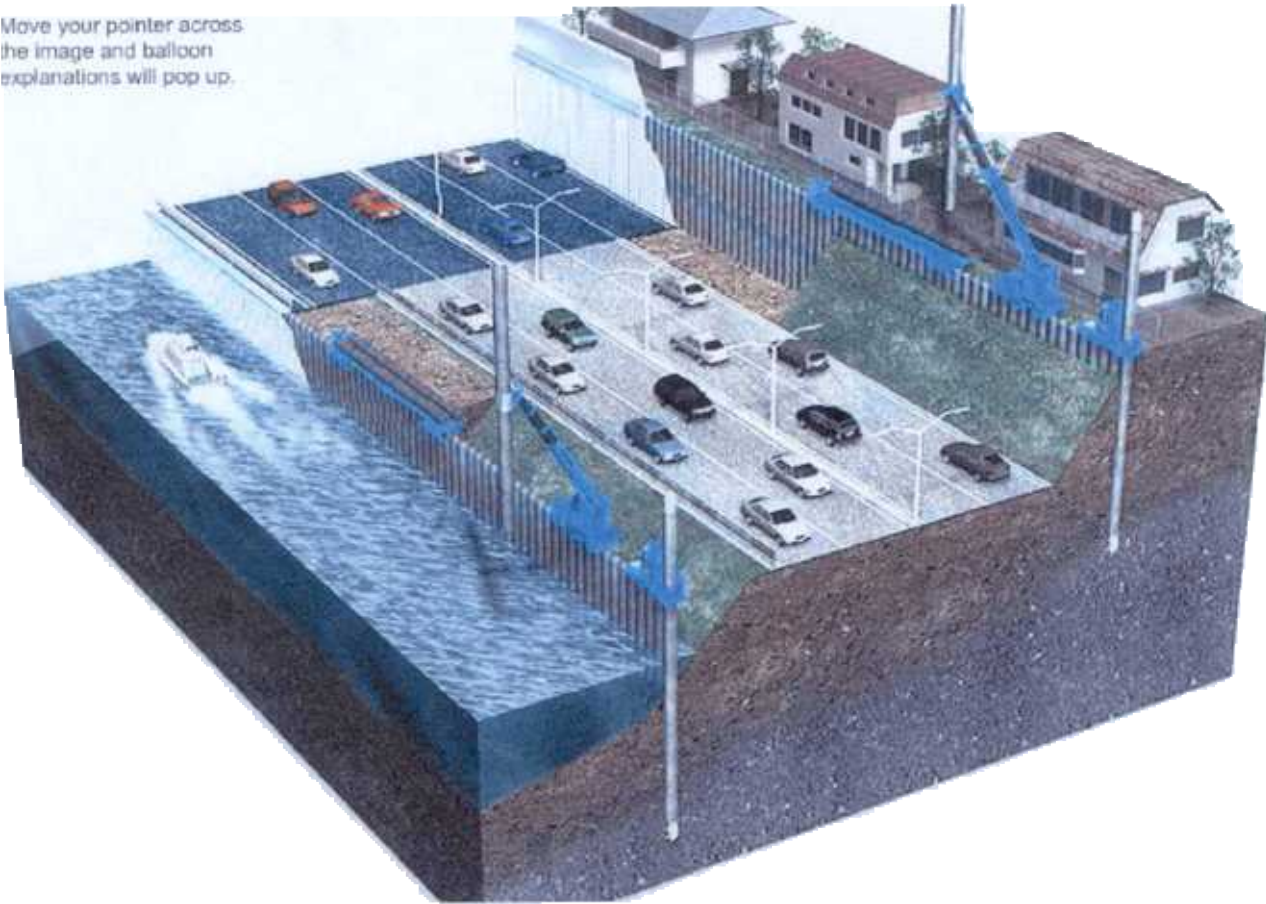
Advantages

Projects

Operations

Attaining the primary aim of your road widening projects, the integrated GIKEN Wall system provides the best solution out of a range of Silent Piling Technologies considering the type and functions of a structure, site restrictions, soil conditions, quality of work and environmental impact. The system was developed by state of the art technology in the field of geotechnical and mechanical engineering. And One-step Approach allows the GIKEN Wall to be constructed in the shortest possible period of time at the lowest cost incorporating the environmentally friendly Press-in Method and non-staging GRB System, which is free from temporary works. It has redefined "Impossible" in urban construction.

Move your pointer across the image and balloon explanations will pop up.

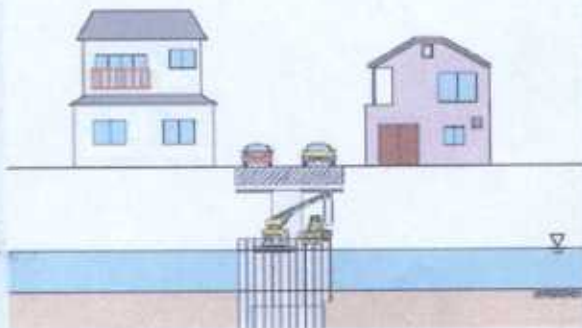
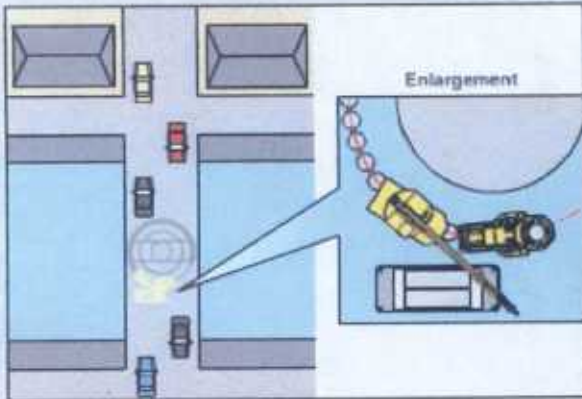


In the above construction situation, is there any possible alternative existing ?

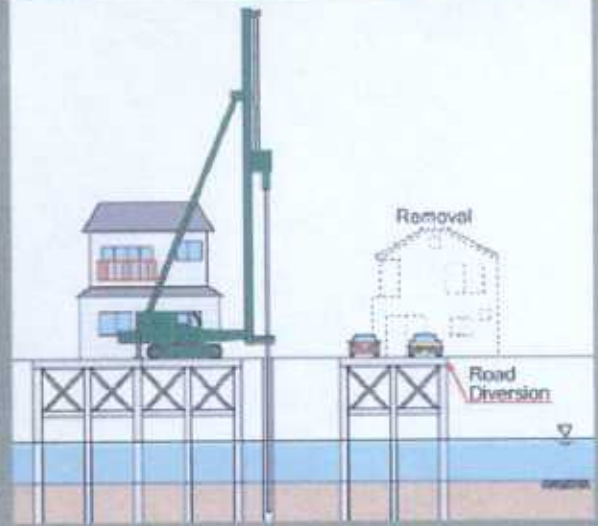
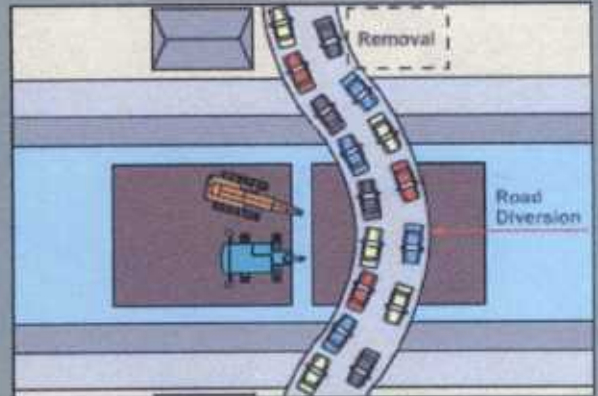
Piling Work without disturbing Overhead facilities

Overhead Clearance Method provides you with the ultimate solution under strict overhead restrictions.

Overhead Clearance Method



Conventional Method





Marvelous Solutions for Road Widening Construction

Maintain Existing Traffic !! Save Overall Cost !! Minimize Environmental Impact !!

- Proposals
- Advantages
- Projects
- Operations

These are two samples of achievement of GIKEN Wall system for road widening construction. Both projects have enjoyed the benefits of the system. For further information of the projects, please contact your nearest Giken office.



Hodogaya Bypass Road Widening for Approach to New Junction in Tokyo



Safe Operation with Compact Equipment

Pressing-in Tubular Sheet Piles with simultaneous augering into hard layers (max. SPT value = 167)



The GIKEN WALL as seen after excavation work.



Noise barrier panels attached to the GIKEN WALL



Road Widening of Long Island Expressway in New York

Construction of Road Revetment



Press-in Operation



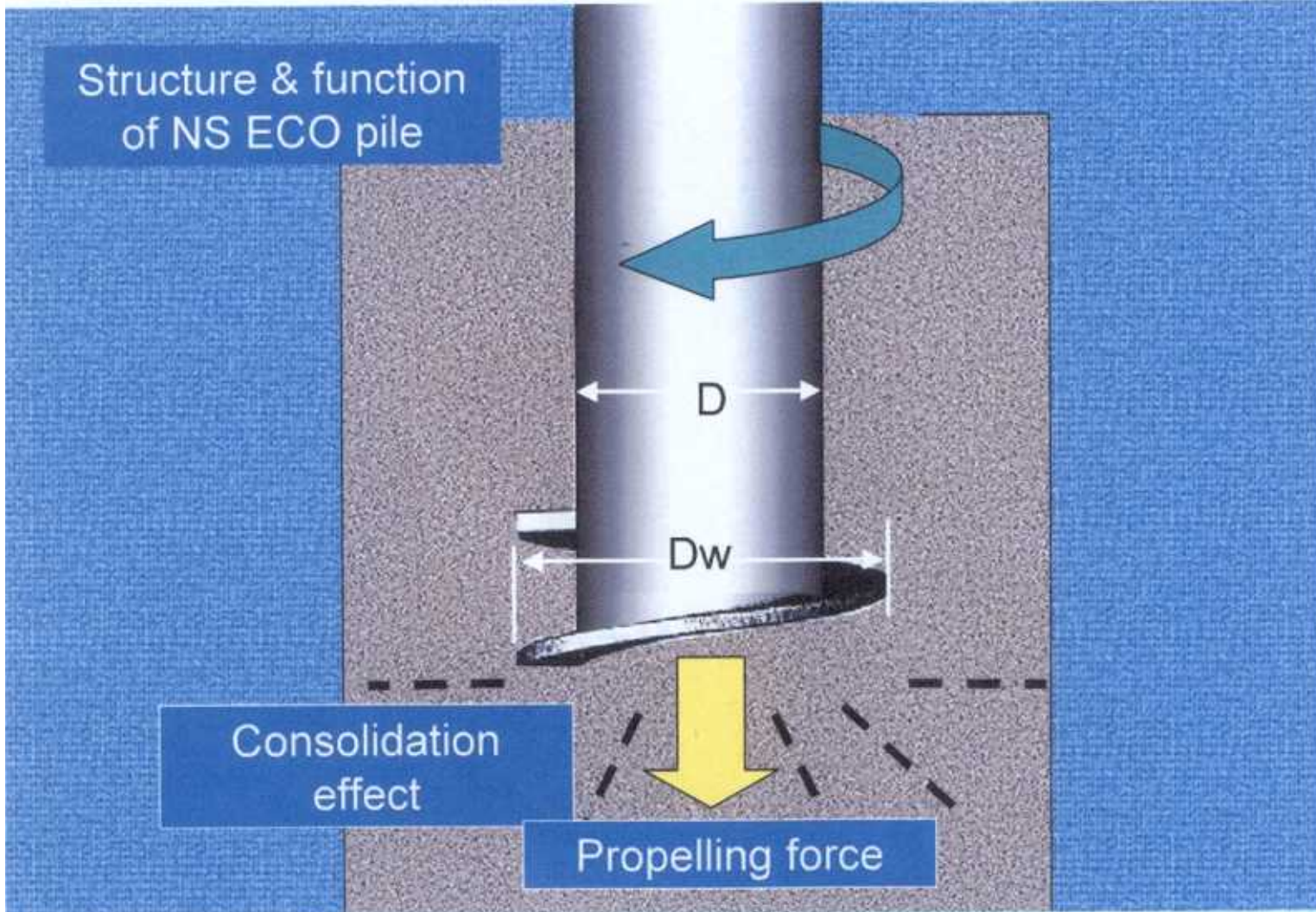
After Excavation

Renovation of Marathon Bridge



Piling Work beside Traffic

Structure & function of NS ECO pile



When the pile is rotated, a certain propelling force is generated by the spiral wing which is effective to drive the pile down into soil. The pile can be driven down into comparatively soft soil without any pressing force applied. A consolidation effect of the soil can be expected around the pile end.

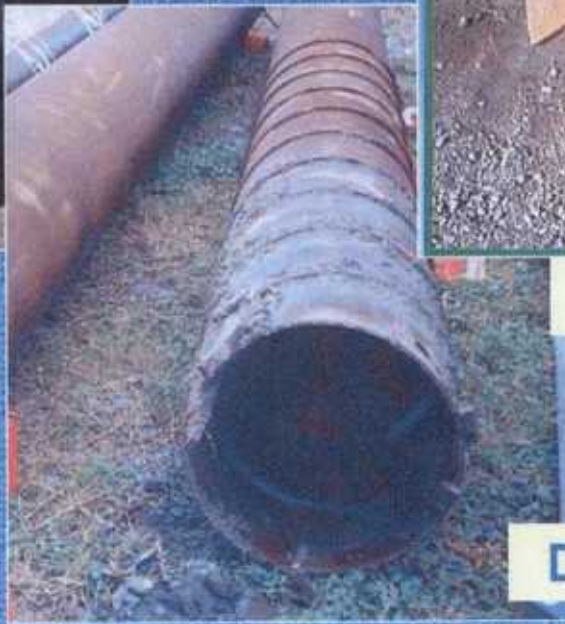
Environmentally friendly techniques in driving steel pipe piles



NS ECO pile



Wing pile



Drill pile

These 3 techniques which are practically employed as [ENVIRONMENTALLY FRIENDLY TECHNIQUE-no bentnite/cement required]

Hydraulic Oscillator Method

Hydraulic oscillating methods use high torque and large oscillation of casings to install piles and reduce noise and vibration.

Pile types:

- Single and double-walled steel-cased piles

Piling may be installed in adverse conditions, including:

- Difficult subsoil conditions with risk of collapse of the excavation
- Noise restrictive areas

Equipment: Casagrande GCL Casing Oscillator, GCP Heavy Duty Oscillator

General Information: www.casagrandegroup.com

American Contact: International Construction Equipment, Inc.
301 Warehouse Dr.
Matthews, NC 28104
Phones: 888-ICEUSA1 and 704.821.8200
Faxes: 704.821.8201 and 704.821.2781
Website: www.iceusa.com
Email: info@iceusa.com

Figure C6 shows the Casagrande Casing Oscillator.



Casagrande casing oscillator

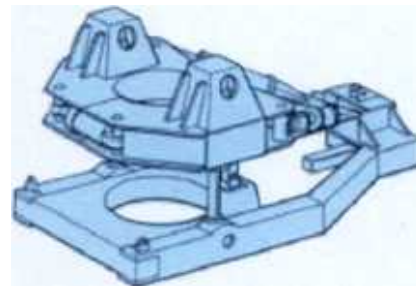
In difficult soils where there is a risk of collapse of the excavation, the use of a steel casing to guarantee the stability of the wall of the borehole is a technique commonly employed by many contractors.

Casagrande produces a complete range of machines, equipment and tools necessary for this drilling technique.

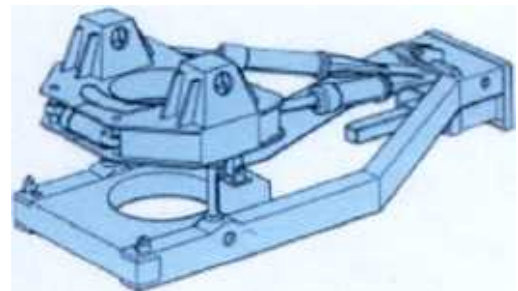
- hydraulic casing oscillators to drive and extract casings
- power packs, when necessary, to drive the casing oscillators
- single and double wall casing elements, fitted with special quick coupling joints

Very high torque and large oscillation angle make the insertion very easy. Different options are available such as:

- telescopic attachment
- vertically control device
- hydraulically adjustable casing positioning cylinder
- lower casing locking device
- reduction sets



The **GCL Casing oscillator** is used in combination with hydraulic rotary rigs.



The **GCP Heavy duty oscillator** is used in combination with a grab

Figures C7 and C8 demonstrate bridge foundations which can be created from tubular sheet piles. The examples shown are from bridge structures in Japan. This type of foundation could utilize the alternate foundation installation methods described in this document.

THE BRIDGE AND FOUNDATION ENGINEERING

発行 / 建設図書



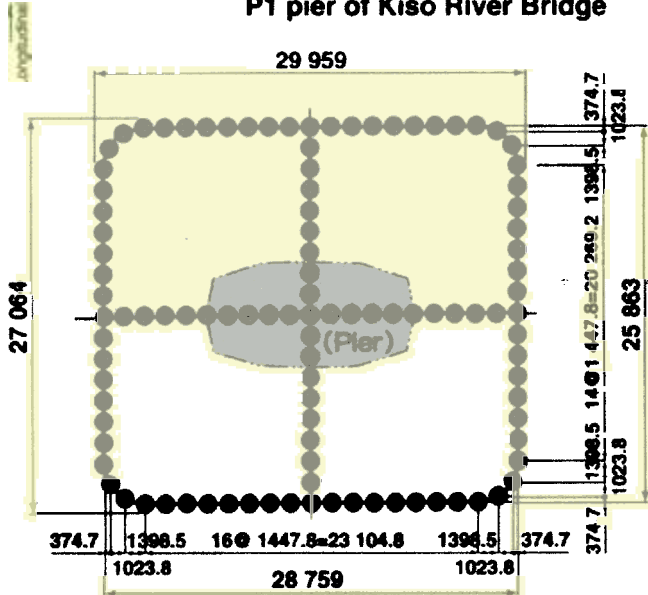
水島製鐵所 雨天岸壁

設計 川崎製鐵株式会社

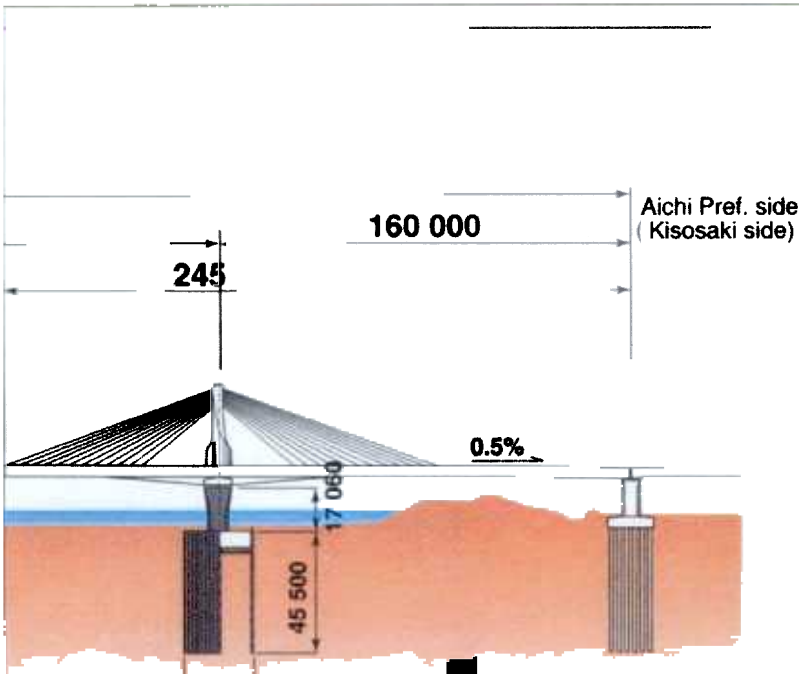
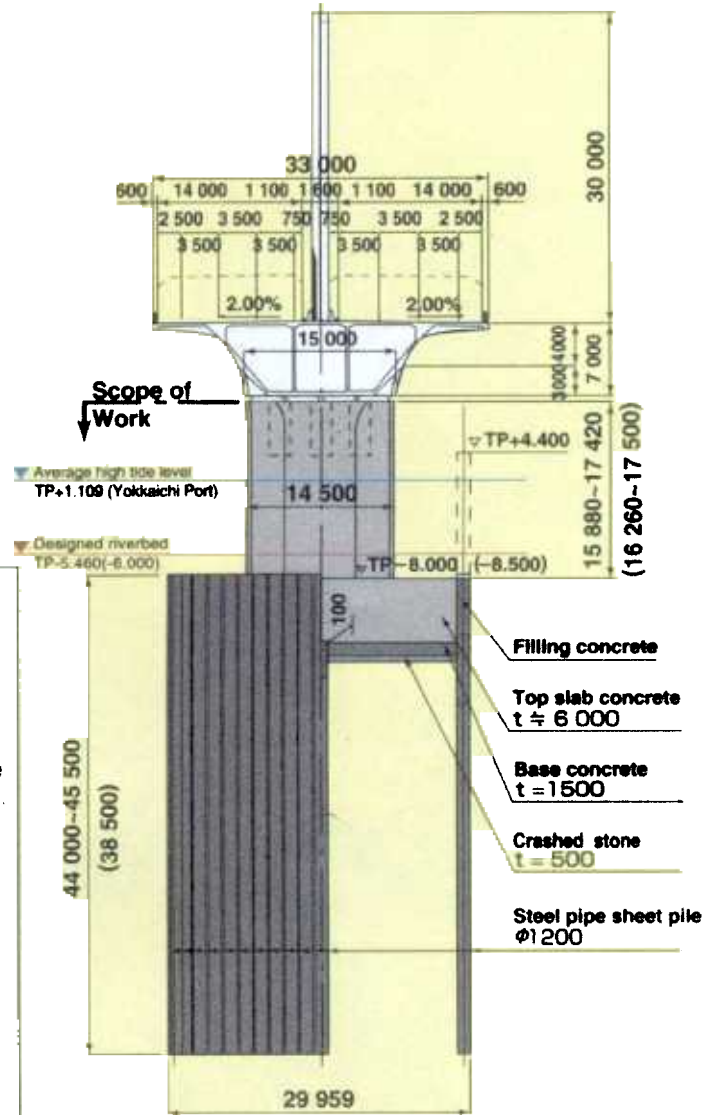
施工 東亜港湾工業株式会社

Layout of Steel Pipe Sheet Piles

P1 pier of Kiso River Bridge



Section View of Pier



* Values in () are for the Ibi River Bridge.
Unit : mm unless otherwise specified.

Hydraulic Drilling Method

Hydraulic drilling system which uses large torque to push steel pipe piles into the ground. Pipe piles generally have spiral wing at end to facilitate torque push into ground. Pile is rotated and propelled downward by spiral wing at tip. Consolidation occurs at pile end.

Proprietary Pile types, Makers, and Sizes:

- NS ECO Pile – Nippon Steel – 200 - 1200 mm diameter
- Kawatetsu Drill Pile – Kawasaki Steel - 300 – 600 mm diameter
- Wing Pile – Nippon Steel Pipe – 318 to 508 mm diameter

Advantages:

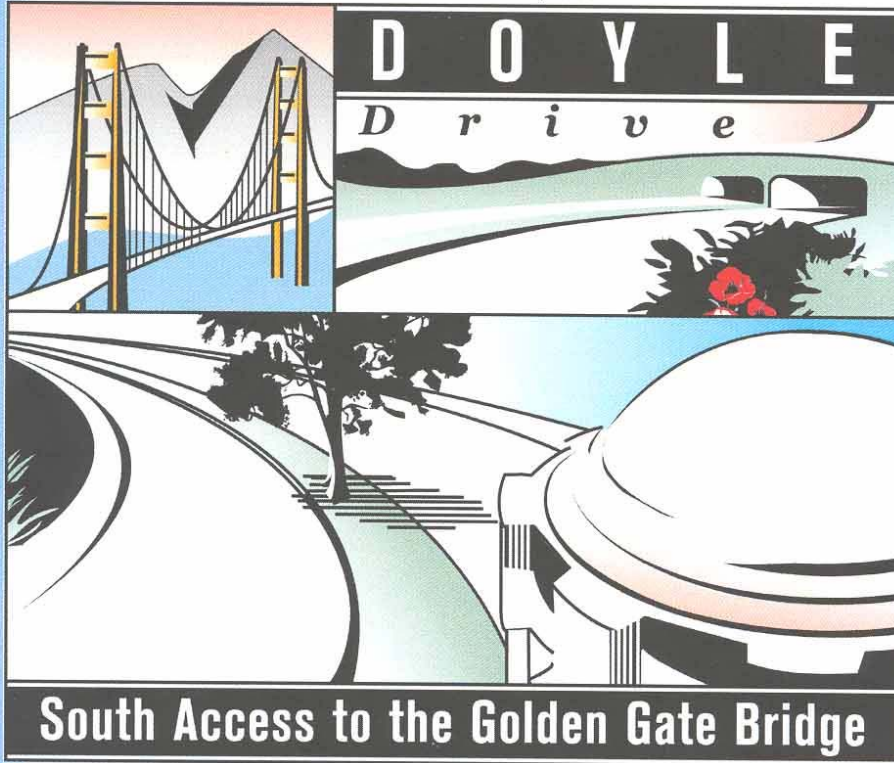
- No excavated soil
- Large end bearing capacity – consolidation effect at end of pile
- Short Construction period
- Extraction Capability (can be un-screwed and re-used in another location)

Contact Information:

Nippon Steel: www0.nsc.co.jp/shinnihon_english/
Kawasaki Steel

Figures C4 and C5 show examples of the ECO pile system.

SFCTA Contract Number 99/00-7



**FINAL PRELIMINARY SITE
INVESTIGATION
October 2004**

Prepared By:

Todd Taylor, BASELINE Environmental Consulting

Reviewed By:

Gary Kennerley, Parsons Brinckerhoff

Approved By:

Leroy L. Saage, Project Manager
San Francisco County Transportation Authority

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- B: Project Alternative Graphics
- C: Presidio Cleanup Levels (from Revised Feasibility Study)
- D: Environmental Database Report in Portable Document Format (included on CD)
- E: Caltrans-DTSC Aerially Deposited Lead Variance and December 2002 Modification

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ACRONYMS AND ABBREVIATIONS USED IN THIS DOCUMENT

ACM	Asbestos-containing building material
AST	Aboveground petroleum storage tank
ATCM	Airborne Toxic Control Measure
AWP	Annual Work Plan - State list of known hazardous waste sites targeted for clean-up
BAAQMD	Bay Area Air Quality Management District
bgs	Below ground surface
BMPs	Best Management Practices
BRAC	Base Realignment and Closure
Caltrans	California Department of Transportation
CAP	Corrective Action Plan
CARB	California Air Resources Board
CCR	Code of California Regulations
CDHS	California Department of Health Services
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
CFR	Code of Federal Regulations
CHP	California Highway Patrol
DTSC	Department of Toxic Substances Control
EPA	US Environmental Protection Agency
DEH	Directorate of Engineering and Housing
DOD	US Department of Defense
DOSH	Department of Occupational Safety and Health (formerly Cal/OSHA)
DOT	US Department of Transportation
FS	Feasibility Study
GGBHTD	Golden Gate Bridge Highway and Transportation District
HASP	Health and Safety Plan
HAZNET	Cal EPA Hazardous Waste Information System
HUD	US Department of Housing and Urban Development
ISA	Initial Site Assessment
LBP	Lead-based paint
LUST	Leaking underground petroleum storage tank
mg/kg	milligram per kilogram (roughly equivalent to part per million)
mg/L	milligram per liter (roughly equivalent to part per million)
NPL	National Priority List (Superfund)
NPS	National Park Service
OSHA	Occupational Safety and Health Administration
PA	Preliminary Assessment
PAHs	Polynuclear Aromatic Hydrocarbons
PCBs	Polycyclic Biphenyls
ppm	part per million
PSI	Preliminary Site Investigation
PTUD	Presidio Trust Utilities Department
RAB	Presidio Restoration Advisory Board
RAP	Remedial Action Plan
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
SFDPH	San Francisco County Department of Public Health.
SFPUC	San Francisco Public Utilities Commission
SFRWQCB	San Francisco Bay Regional Water Quality Control Board.
SLIC	Spills, Leaks, Investigations, and Cleanups
SMP/CP	Site Management Program/Contingency Plan
SWRCB	State Water Resources Control Board
tonne	Metric ton (equivalent to 2,024.6 pounds or 1.0123 ton)

Trust	Presidio Trust
TTLIC	Total Threshold Limit Concentration
USCG	US Coast Guard
UST	Underground Petroleum Storage Tank
VOCs	Volatile Organic Compounds

SECTION 1: METHODOLOGY

This report is a Revised Preliminary Site Investigation (PSI) for the Doyle Drive Environmental and Design Study, performed by BASELINE Environmental Consulting for Parsons Brinckerhoff. A Final PSI was prepared for the project in December 2001; this Revised PSI was prepared to evaluate changes in the project alternatives and study area since the Final PSI was prepared.

The study area for this report consists of the potential construction limits for study alternatives (Figure 2-1), and areas within 300 meters (984 feet) from those construction limits. Releases of hazardous materials within the potential construction limits may directly affect development of the project. Releases within 300 meters (984 feet) may have the potential to migrate via groundwater and affect project construction areas. No contaminant plumes greater than 300 meters (984 feet) in length are known to be present near project construction areas.

The purpose of the Revised PSI is to evaluate the potential presence of hazardous materials¹ at and near the study area, in support of the environmental analysis of the project. Hazardous materials have been used, stored, generated, and released in the past at numerous locations within and near areas proposed for construction activities. Hazardous materials are known to be present in surface and subsurface soils and groundwater at sites proposed for construction as a result of these releases from historical land uses. The presence of hazardous materials could potentially expose construction workers or the general public to various health risks and may require special soil and/or groundwater management procedures during construction of the project.

This report describes the potential for hazardous materials to be present at areas within the study area based on information obtained by a review of previous environmental investigations, historical aerial photographs and topographic maps, regulatory agency databases and case files, and a visual reconnaissance of the alignment. No soil or groundwater samples were collected for this investigation. An Initial Site Assessment (ISA) checklist was prepared, and is included as Appendix A of this document. All work was performed in accordance with guidelines in the Caltrans Project Development Procedures Manual, including Appendix DD, "Preparation Guidelines for Initial Site Assessment (ISA) Checklist for Hazardous Waste."

The 2001 Final PSI reviewed the following environmental investigation and decision-making documents:

- California Department of Transportation (Caltrans), 1993, Project Study Report, Doyle Drive Reconstruction, July 15.
- Apex Environmental Recovery, 1994, Site Investigation, Route 101 Presidio Viaduct/Doyle Drive Route 1 Presidio Viaduct Ramp, Marina District, San Francisco, California, November 29.
- Dames and Moore, 1997, Final Remedial Investigation, Presidio Main Installation, January.
- Dames and Moore, 1997, Final Feasibility Study, Presidio Main Installation, May.
- IT Corporation, 1997, Remediation Work Plan, Directorate of Engineering and Housing Area, Presidio of San Francisco October.
- IT Corporation, 1997, Final Site Investigation Report, Buildings 207/231, Presidio of San Francisco, California, December.

¹ This document uses the California Health and Safety Code definition of hazardous material: "...any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety, or to the environment. Hazardous materials include, but are not limited to, hazardous substances, hazardous waste, radioactive materials, and any material which a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment." (California Health and Safety Code, Section 25501). It should be noted that Caltrans uses a more restrictive definition of hazardous material, which excludes hazardous wastes. Caltrans considers that a hazardous material becomes a hazardous waste once it has been removed from the site.

- IT Corporation, 1999, Final DEH Area Soil Remediation Closure Report, Presidio of San Francisco, California, March.
- IT Corporation, 1999, Soil Remediation Closure Report, Fill Site No. 7, Presidio of San Francisco, March.
- IT Corporation, 1999, Soil Remediation Closure Report, Crissy Field Area, Presidio of San Francisco, California, June.
- Presidio Trust, 1999, Final Corrective Action Plan, Building 637 Area, The Presidio of San Francisco, August.
- US Army, et al., 1997, Evaluation of Remedial Alternatives and Draft Remedial Action Plan (RAP), Directorate of Engineering and Housing (DEH) Study Area, Presidio of San Francisco, January.
- US Army, et al., 1998, Final Remedial Action Plan, Crissy Field Area, Presidio of San Francisco, April.

This Revised PSI relied on the following documents to update the findings of the 2001 Final PSI:

- Eler & Kalinowski, Inc. (EKI), 2003, Presidio Trust, Revised Feasibility Study Report, Main Installation Sites, Presidio of San Francisco, March.
- EKI, 2004, Petroleum Contingency Plan, Presidio of San Francisco, August 16.
- San Francisco Regional Water Quality Control Board (SFRWQCB), 2003, Order No. R2-2003-0080, Revised Site Cleanup Requirements and Rescission of Order No. 91-082 and Order No. 96-070 For the Property Located at the Presidio of San Francisco, City and County of San Francisco.
- Treadwell & Rollo, Inc., 2003, Draft Presidio-Wide Lead-Based Paint In Soil Plan, February.
- Treadwell & Rollo, Inc., 2004, Remedial Action Plan For Fill Site 6A and Baker Beach Disturbed Areas 3 and 4, March.

Additional information regarding the current status of the areas of concern were collected by communication with Trust staff and review of Monthly Restoration Advisory Board (RAB) meeting transcripts from January 2003 through March 2004. The RAB is a citizen's advisory committee which oversees investigations and remedial activities performed at the Presidio.

SECTION 2: PROJECT DESCRIPTION

This section provides an overview of the alternatives that are being considered for further detailed analysis within the South Access to the Golden Gate Bridge - Doyle Drive Project Draft Environmental Impact Statement/Draft Environmental Impact Report (DEIS/DEIR).

2.1 OVERVIEW

Doyle Drive is located in the Presidio of San Francisco (the Presidio), in the northern part of the City of San Francisco at the southern approach to the Golden Gate Bridge (see Figure 2-1). In 1994, when the US Army transferred jurisdiction of the Presidio to the National Park Service (NPS), it became part of the National Park system and Golden Gate National Recreation Area (GGNRA). In 1998, management of the Presidio was divided between two federal agencies: The Presidio Trust (the Trust), the agency responsible for oversight of 80 percent of the Presidio delineated as Area B; and the NPS, which is responsible for management of the coastal portions of the park (the remaining 20 percent) that are delineated as Area A. Doyle Drive lies predominately within the Area B lands managed by the Trust with a small portion at the western end located in Area A on land operated by the Golden Gate Bridge, Highway and Transportation District (GGBHTD). The Presidio has also been designated a National Historic Landmark District (NHLD) since 1962 with the Doyle Drive roadway determined to be a contributing element to that landmark.

Doyle Drive, the southern approach of US 101 to the Golden Gate Bridge, is 2.4 kilometers (1.5 miles) long with six traffic lanes. There are three San Francisco approach ramps which connect to Doyle Drive: one beginning at the intersection of Marina Boulevard and Lyon Street; one at the intersection of Richardson Avenue and Lyon Street; and one where Park Presidio Boulevard (State Route 1) merges into Doyle Drive approximately 1.6 kilometers (one mile) west of the Marina Boulevard approach (see Figure 2-1). Doyle Drive passes through the Presidio on an elevated concrete viaduct (low-viaduct) and transitions to a high steel truss viaduct (high-viaduct) as it approaches the Golden Gate Bridge Toll Plaza.

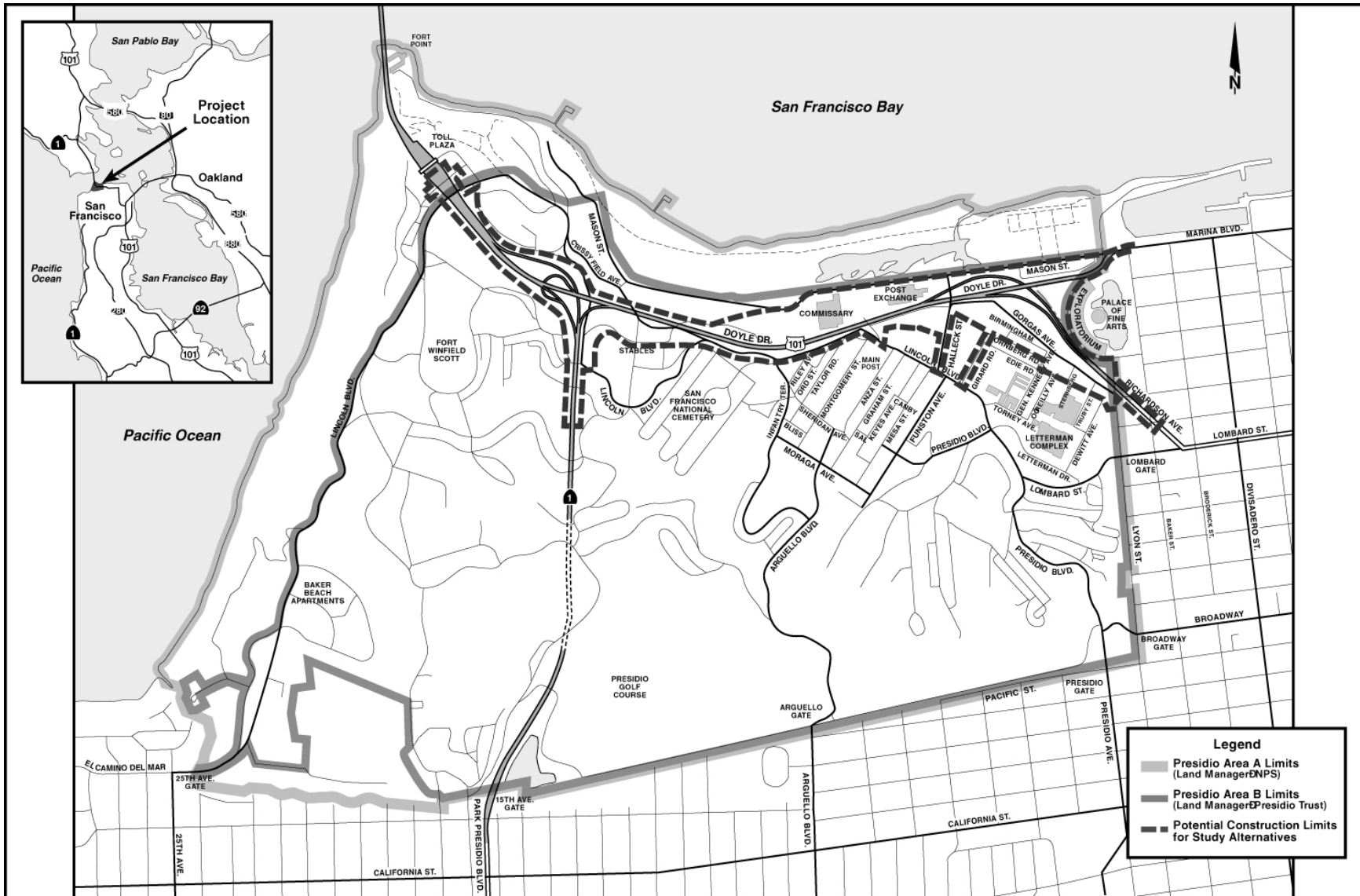
Doyle Drive is nearly 70 years old and it is approaching the end of its useful life, although regular maintenance, seismic retrofit, and partial rehabilitation activities are keeping the structure safe in the short term. However, further structural degradation caused by age and the effects of heavy traffic and exposure to salt air will cause the structures to become seismically and structurally unsafe in the coming years. In addition, the eastern portion of the aging facility is located in a potential liquefaction zone identified on the State of California Seismic Hazard Zones map dated August 2000.

Currently, Doyle Drive has nonstandard design elements, including travel lanes from 2.9 to 3.0 meters (9.5 to 10.0 feet) in width, no fixed median barrier, no shoulders and exit ramps that have tight turning radii. During peak traffic hours, plastic pylons are manually moved to provide a median lane as well as to reverse the direction of traffic flow of several lanes ([Project Study Report: Doyle Drive Reconstruction, 1993](#)).

2.2 PROJECT PURPOSE

The purpose of the South Access to the Golden Gate Bridge - Doyle Drive Project is to replace Doyle Drive in order to improve the seismic, structural, and traffic safety of the roadway within the setting and context of the Presidio of San Francisco and its purpose as a National Park.

**FIGURE 2-1
PROJECT LOCATION**



2.3 ALTERNATIVES DEVELOPMENT

The build alternatives for the Doyle Drive Project were developed with input from public scoping and reflected the parkway concept that evolved from previous studies. Through the screening analysis, six alternatives were selected for consideration in the Administrative DEIS/DEIR: Alternative 1, No-Build; Alternative 2, Replace and Widen; Alternatives 3a and 3b, Long Tunnels; and Alternatives 4a and 4b, Short Tunnels.

Subsequent to the Administrative DEIS/DEIR in 2002, a fifth alternative, the Presidio Parkway, was added to the list of alternatives for more detailed study. In comparison to the tunnel alternatives it was determined that Alternative 5, Presidio Parkway, would provide all the benefits and functions of Alternatives 3a, 3b, 4a, and 4b with less cost, construction duration and environmental impact. Hence, in November 2003 the four tunnel alternatives were recommended to be removed from further consideration and analysis in the DEIS/DEIR.

At a public meeting held in February 2004, the public agreed with the decision to drop Alternatives 3a, 3b, 4a, and 4b and retain Alternative 1, No-Build, Alternative 2, Replace and Widen, and Alternative 5, Presidio Parkway for consideration in the DEIS/DEIR.

2.3.1 Project Alternatives

This section describes the build alternatives in terms of physical and operating characteristics and a No-Build Alternative. As shown in Figure 2-1, the project limits are from Merchant Road, just south of the Golden Gate Bridge Toll Plaza, to the intersection of Richardson Avenue/Francisco Street and Marina Boulevard/Lyon Street. During the screening process, all alternatives were evaluated for their ability to meet the project's Purpose and Need. Detailed drawings showing the plan and profile of each alternative in addition to the various design options can be found in Appendix A.

Alternative 1: No-Build Alternative

The No-Build Alternative represents the future year conditions if no other actions are taken in the study area beyond what is already programmed by the year 2020. The No-Build Alternative provides the baseline for existing environmental conditions and future travel conditions against which all other alternatives are compared.

Doyle Drive would remain in its current configuration, with six traffic lanes ranging in width from 2.9 to 3.0 meters (9.5 to 10 feet) and an overall facility width of 20.4 meters (67 feet) (see Figure 2-2). There are no fixed median barriers or shoulders. The lane configuration is changed by manually moving plastic pylons to increase the number of lanes in the peak direction of traffic. The facility passes through the Presidio on a high steel truss viaduct and a low elevated concrete viaduct with lengths of 463 meters (1,519 feet) and 1,137 meters (3,730 feet), respectively. This alternative does not improve the seismic, structural, or traffic safety of the roadway.

Vehicular access to the Presidio is available from Doyle Drive via the off-ramp to Merchant Road at the Golden Gate Bridge Toll Plaza. Presidio access at the east end of the project will be provided for southbound traffic via a right turn from Richardson Avenue to Gorgas Avenue. Presidio access for northbound traffic will be provided by a slip ramp from Richardson Avenue to Gorgas Avenue, which is currently under construction.

Alternative 2: Replace and Widen Alternative

The Replace and Widen Alternative would replace the 463-meter (1,519-foot) high-viaduct and the 1,137-meter (3,730-foot) low-viaduct with wider structures that meet the most current seismic and structural design standards (see Figure 2-3). The new facility would be replaced on the existing alignment and widened to incorporate improvements for increased traffic safety.

This alternative would include either six 3.6-meter (12-foot) lanes and a 3.6-meter (12-foot) eastbound auxiliary lane with a fixed median barrier or six 3.6-meter (12-foot) lanes with a moveable median barrier. The new facility would have an overall width of 38.0 meters (124 feet). The fixed median barrier option would require localized lane width reduction to 3.3 meters (11 feet) to avoid impacts to the historic batteries and Lincoln Boulevard, reducing the facility width to 32.4 meters (106 feet). Both options would include continuous outside shoulders along the facility. At the Park Presidio interchange, the two ramps connecting eastbound Doyle Drive to Park Presidio Boulevard and the ramp connecting westbound Doyle Drive to southbound Park Presidio Boulevard would be reconfigured to accommodate the wider facility. The Replace and Widen Alternative would operate similar to the existing facility except that there would be a median barrier and shoulders to accommodate disabled vehicles.

The Replace and Widen Alternative includes two options for the construction staging:

No Detour Option – The widened portion of the new facility would be constructed on both sides and above the existing low-viaduct and would maintain traffic on the existing structure. Traffic would be incrementally shifted to the new facility as it is widened over the top of the existing structure. Once all traffic is on the new structure, the existing structure would be demolished and the new portions of the facility would be connected. To allow for the construction staging using the existing facility, the new low-viaduct would be constructed two meters (six feet) higher than the existing low-viaduct structure.

With Detour Option - A 20.4-meter (67-foot) wide temporary detour facility would be constructed to the north of the existing Doyle Drive to maintain traffic through the construction period. Access to Marina Boulevard during construction would be maintained on an elevated temporary structure south of Mason Street. On and off ramps to the mainline detour facility would be located near the Post Exchange (PX) building.

Vehicular access to the Presidio is available from Doyle Drive via the off-ramp to Merchant Road at the Golden Gate Bridge Toll Plaza. Presidio access at the east end of the project will be provided for southbound traffic via a right turn from Richardson Avenue to Gorgas Avenue. There would be no Presidio access for northbound traffic at the east end of Doyle Drive due to geometric constraints and concerns for traffic safety.

FIGURE 2-2
ALTERNATIVE 1: NO-BUILD

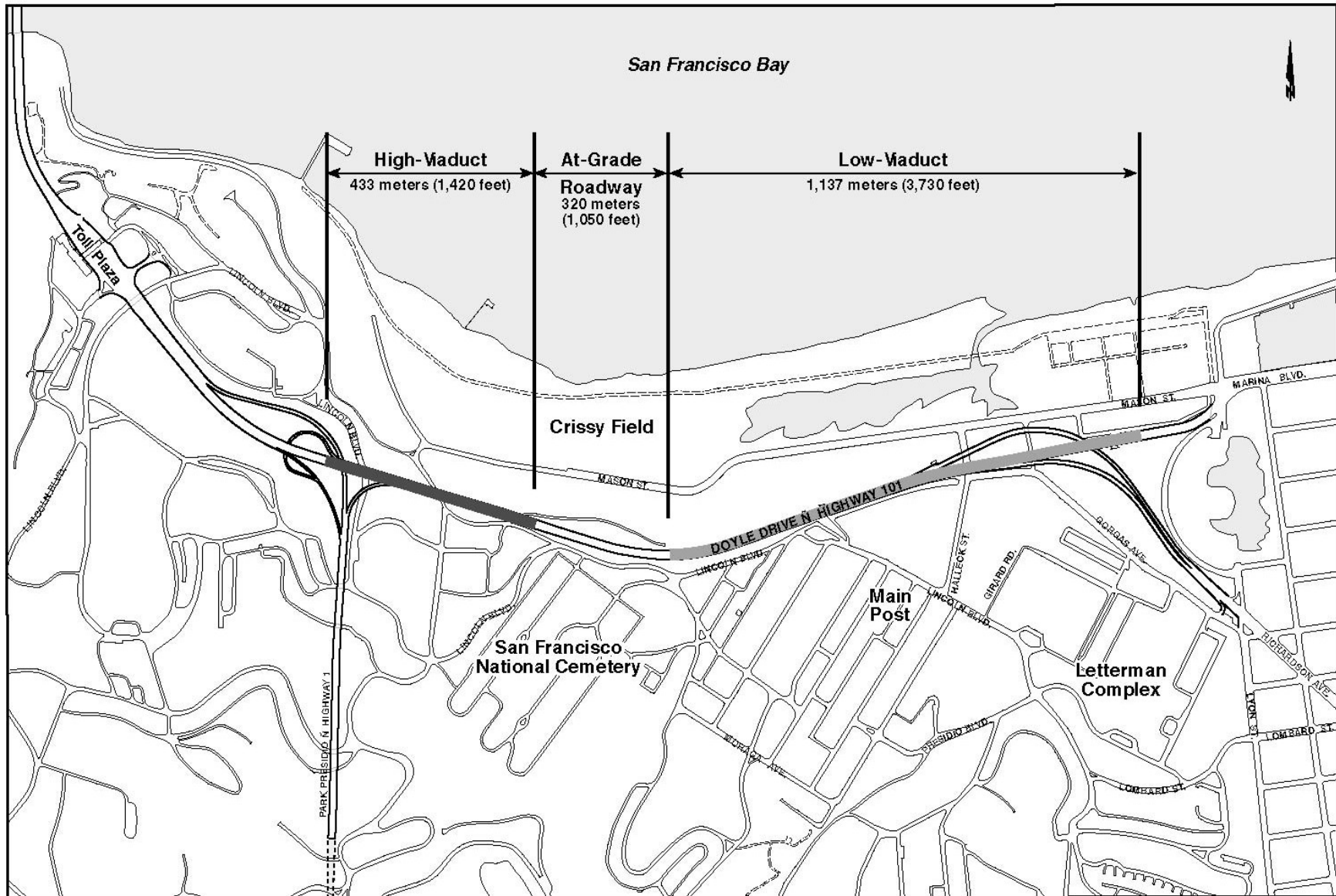
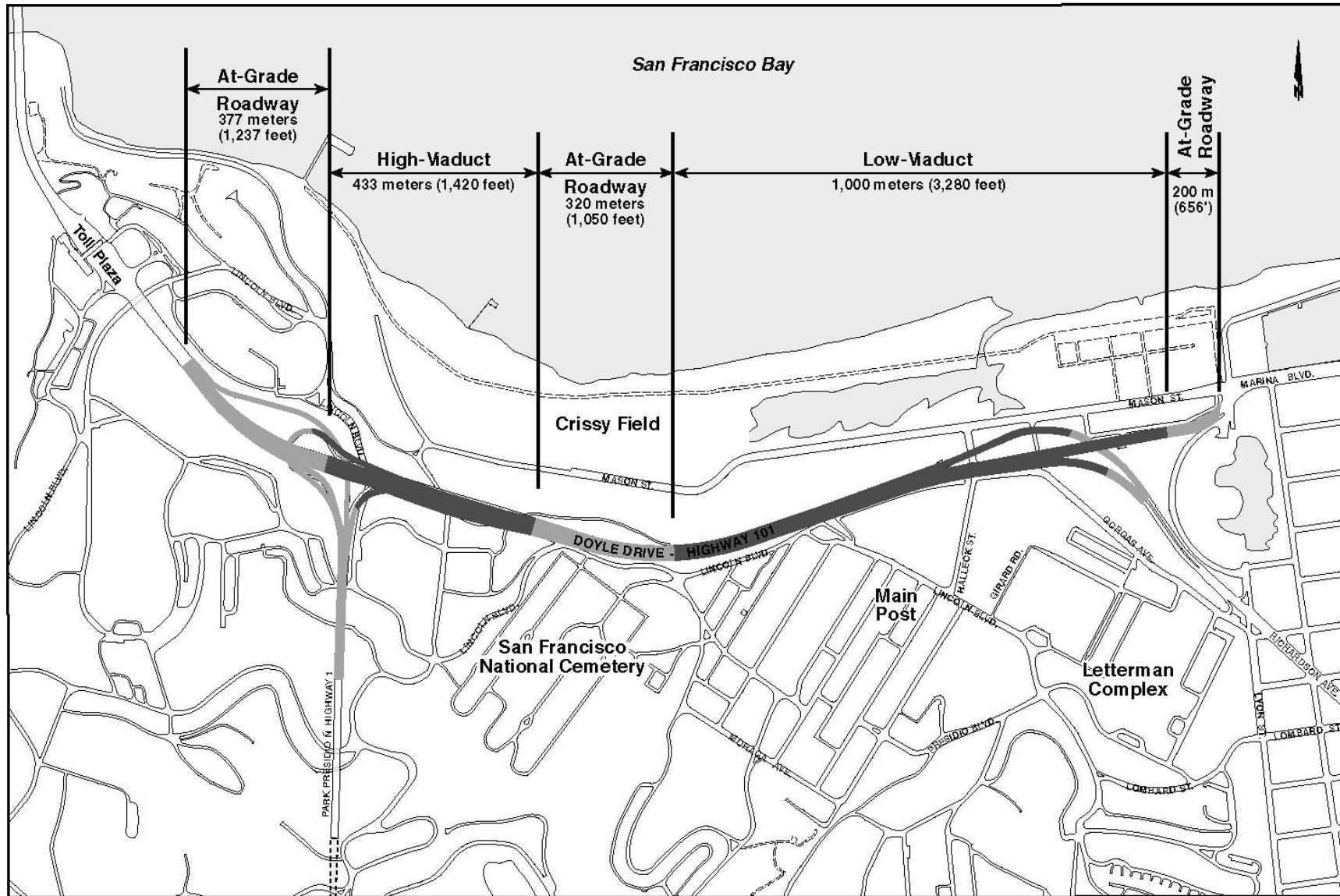


FIGURE 2-3
ALTERNATIVE 2: REPLACE AND WIDEN



Alternative 5: Presidio Parkway Alternative

The Presidio Parkway Alternative would replace the existing facility with a new six-lane facility and an eastbound auxiliary lane between the Park Presidio interchange and the new Presidio access at Girard Road (see Figure 2-4). The new facility would have an overall width of up to 45 meters (148 feet), and would incorporate wide landscaped medians and continuous shoulders. To minimize impacts to the park, the footprint of the new facility would include a large portion of the existing facility's footprint east of the Park Presidio interchange. A 450-meter (1,476-foot) high-viaduct would be constructed between the Park Presidio interchange and the San Francisco National Cemetery. Shallow cut-and-cover tunnels would extend 240 meters (787 feet) past the cemetery to east of Battery Blaney. The facility would then continue towards the Main Post in an open depressed roadway with a wide, heavily landscaped median. From Building 106 (Band Barracks) cut-and-cover tunnels up to 310 meters long (984 feet) would extend to east of Halleck Street. The facility would then rise slightly on a low level causeway 160 meters (525 feet) long over the site of the proposed Tennessee Hollow restoration and a depressed Girard Road. East of Girard Road the facility would return to existing grade north of the Gorgas warehouses and connect to Richardson Avenue.

The Presidio Parkway Alternative would include an underground parking facility at the eastern end of the project corridor between the Mason Street Warehouses, Gorgas Street Warehouses and Palace of Fine Arts. The parking garage would supply approximately 500 spaces to maintain the existing parking supply in the area and improve pedestrian and vehicular access between the Presidio and the Palace of Fine Arts.

At the intersection with Merchant Road, just east of the toll plaza, a design option has been developed for a Merchant Road slip ramp. This option would provide an additional new connection from westbound Doyle Drive to Merchant Road. This ramp would provide direct access to the Golden Gate Visitors' Center and alleviate the congested weaving section where northbound Park Presidio Boulevard merges into Doyle Drive.

The Park Presidio interchange would be reconfigured due to the realignment of Doyle Drive to the south. The exit ramp from eastbound Doyle Drive to southbound Park Presidio Boulevard would be replaced with standard exit ramp geometry and widened to two lanes. The loop of the westbound Doyle Drive exit ramp to southbound Park Presidio Boulevard would be improved to provide standard exit ramp geometry. The northbound Park Presidio Boulevard connection to westbound Doyle Drive would be realigned to provide standard entrance ramp geometry. There are two options for the northbound Park Presidio Boulevard ramp to an eastbound Doyle Drive connection:

Option 1: Loop Ramp - Replace the existing ramp with a loop ramp to the left to reduce construction close to the Calvary Stables and provide standard entrance and exit ramp geometry.

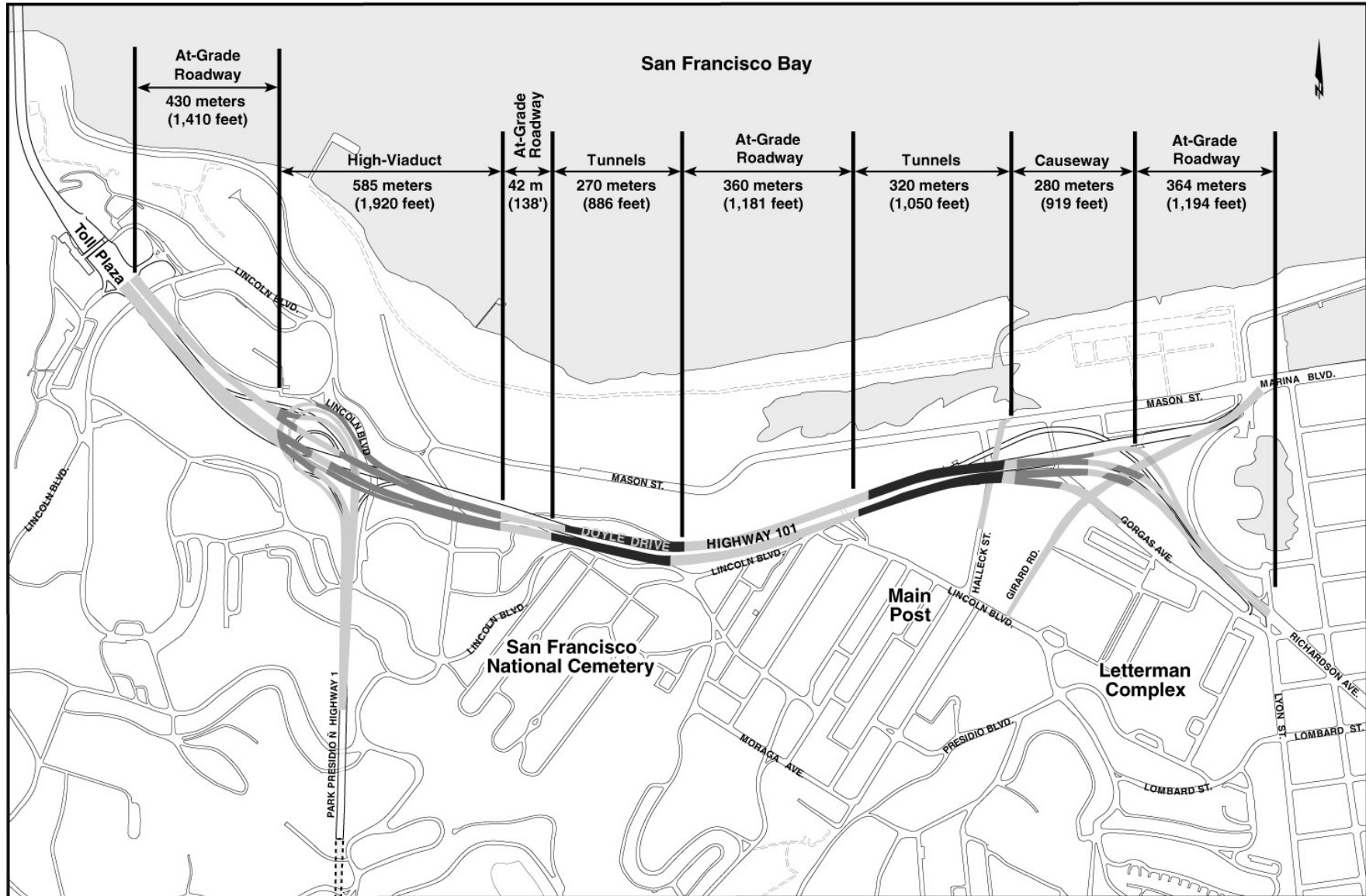
Option 2: Hook Ramp - Rebuild the ramp with a similar configuration as the existing ramp with a curve to the right and improved exit and entrance geometry.

The Presidio Parkway Alternative includes two options for direct access to the Presidio and Marina Boulevard at the eastern end of the project:

Diamond Option – Direct access to the Presidio and Marina Boulevard in both directions is provided by the access ramps from Doyle Drive connecting to a grade-separated interchange at Girard Road. East of the new Letterman garage, Gorgas Avenue is a one-way street and connects to Richardson Avenue with access to Palace Drive via a signalized intersection at Lyon Street.

Circle Drive Option – The Circle Drive Option provides direct access to the Presidio and Marina Boulevard for eastbound traffic by access ramps connecting to a grade-separated interchange of Girard Road. Westbound traffic from Richardson Avenue would access the Presidio and Palace Drive through a jug handle intersection with Gorgas Avenue.

FIGURE 2-4
ALTERNATIVE 5: PRESIDIO PARKWAY



SECTION 3: REGULATORY AGENCY FRAMEWORK

3.1 HAZARDOUS MATERIALS FRAMEWORK

The use, storage, transportation, and disposal of hazardous materials, including management of contaminated soils and groundwater, are regulated by Federal, State, and local laws and regulations. The U.S. Environmental Protection Agency (EPA) is the Federal administering agency for hazardous waste regulations. State and regional agencies administering and enforcing California laws and regulations include the California Environmental Protection Agency (Cal EPA) Department of Toxic Substances Control (DTSC), the San Francisco Bay Regional Water Quality Control Board (SFRWQCB), the California Air Resources Board (CARB), and the Bay Area Air Quality Management District (BAAQMD). Locally, the San Francisco Department of Public Health (SFDPH) is responsible for certain hazardous material regulation enforcement within the City of San Francisco and the San Francisco Fire Department (SFFD) acts as first responder at hazardous material incidents at the study area. The U.S. Department of Transportation (DOT) is the Federal administering agency for hazardous materials transportation safety. A description of regulatory agency jurisdiction is summarized below:

3.1.1 EPA

EPA is responsible for enforcement and implementation of Federal laws and regulations pertaining to hazardous materials. The Federal regulations are primarily codified in Title 40 of the Federal Code of Regulations (40 CFR). The legislation is outlined in the Resource Conservation and Recovery Act of 1976 (RCRA); the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA); and the Superfund Amendments and Reauthorization Act (SARA). These laws and associated regulations include specific requirements for facilities that generate, use, store, treat, and/or dispose of hazardous materials. The EPA provides oversight and supervision for Federal Superfund investigation/remediation projects, evaluates remediation technologies, and develops hazardous materials disposal restrictions and treatment standards.

3.1.2 DTSC

In California, DTSC is authorized by EPA to enforce and implement Federal hazardous materials laws and regulations. California regulations pertaining to hazardous materials equal or exceed Federal regulations. Most State hazardous materials regulations are contained in Title 22 of the California Code of Regulations (CCR). DTSC acts as the lead agency for some soil and groundwater cleanup projects, including remediation of CERCLA (non-petroleum) sites at the Presidio. DTSC also has the authority to establish thresholds for definition of hazardous wastes; these thresholds are equal to, or more restrictive than Federal thresholds. DTSC has developed land disposal restrictions and treatment standards for hazardous waste disposal in California that are equal to or more stringent than those developed by EPA.

3.1.3 SFRWQCB

The project site is located within the jurisdiction of the SFRWQCB. The SFRWQCB is authorized by the Porter-Cologne Waste Quality Act of 1969 to protect the waters of the State. The SFRWQCB provides oversight for sites where the quality of groundwater or surface waters are threatened, including petroleum release sites at the Presidio. Extraction and disposal of contaminated groundwater due to investigation/remediation activities or due to dewatering during construction would require a permit from the SFRWQCB if the water were discharged to surface water, land, or the Presidio's storm drain system, which empties into San Francisco Bay. A discharge of groundwater to the Presidio's sanitary sewer system would require a permit from the Presidio Trust Utilities Department (PTUD). If a discharge to the City's combined sewers were proposed, a Batch Wastewater Discharge Permit would be required from the San Francisco Public Utilities Commission (SFPUC).

3.1.4 CARB

The California Toxic "Hot Spots" Information and Assessment Act of 1987 requires that industry provide information to the public on emissions of toxic air contaminants and their impact on public health. The Act requires CARB and local air quality districts to inventory sources of over 200 toxic air contaminants, to identify high priority emission sources, and to prepare a health risk assessment for each of these priority sources.

3.1.5 BAAQMD

The project site area is under the jurisdiction of BAAQMD, which is the local enforcement agency for CARB regulations. BAAQMD is the local enforcement agency for air quality regulations, including air quality regulations addressing asbestos abatement activities (BAAQMD Regulation 1; Regulation 6; and Regulation 11, Rule 2), construction activities affecting management of excavated soils (BAAQMD Regulation 8, Rule 40). The BAAQMD also administers and enforces CARB regulations addressing naturally occurring asbestos (described in Section 4.11.2, below)

3.1.6 SFDPH

SFDPH is a Certified Unified Program Agency (CUPA) and enforces State and local regulations pertaining to hazardous waste generators and risk management prevention programs in San Francisco. SFDPH issues permits for underground storage tanks (USTs), and oversees UST removals at the Presidio. In addition, the SFDPH Local Oversight Program (LOP) may act as lead agency to ensure proper remediation of leaking underground tank sites and other contaminated sites. At the Presidio, SFDPH normally refers leaking UST cases to SFRWQCB.

3.1.7 DOT

DOT, Office of Hazardous Materials Safety, is charged with promulgating a national safety program to minimize the risks related to commercial transportation of hazardous materials. The Federal hazardous materials transportation law (49 U.S.C. ' 5101 et seq.) is the basic statute regulating hazardous materials transportation in the United States. Federal hazardous materials transportation regulations are contained in 49 CFR Parts 171-180. At the State level, the California Department of Transportation (Caltrans) is the implementing agency for DOT laws and regulations. The California Highway Patrol (CHP) enforces DOT laws and regulations at Doyle Drive. The Golden Gate Bridge Highway and Transportation District (GGBHTD) operates the Golden Gate Bridge and requires trucks transporting hazardous materials to be escorted across the Bridge during non-commute hours.

3.2 WORKER HEALTH AND SAFETY FRAMEWORK

Worker health and safety is protected by Federal and State regulations. The Occupational Health and Safety Administration (OSHA) is the Federal administering agency for worker health and safety regulations. The California Department of Industrial Relations, Division of Occupational Safety and Health (DOSH) enforces State regulations. A description of agency jurisdiction is summarized below.

3.2.1 OSHA

OSHA is responsible for enforcement and implementation of Federal laws and regulations pertaining to worker health and safety. Under its jurisdiction, the Hazardous Waste Operations and Emergency Response (HAZWOPER) regulations, in 29 CFR 1910.120, require training and medical supervision for workers at hazardous waste sites. Additional regulations have been developed for construction workers regarding exposure to lead (29 CFR 1926.62) and asbestos (29 CFR 1926.1101) during construction activities.

3.2.2 DOSH

At the State level, DOSH, formerly known as Cal/OSHA, is charged with enforcement of State regulations and supervision of workplaces in California that are not under direct Federal jurisdiction. State worker health and safety regulations applicable to construction workers include training requirements for hazardous waste operations and emergency response (8 CCR 5192) and lead (8 CCR 1532.1) and asbestos (8 CCR 1529) regulations, which equal or exceed their Federal counterparts.

3.3 OTHER FEDERAL/DEPARTMENT OF DEFENSE LAWS, REGULATIONS, POLICIES, AND PROGRAMS

The investigation and transfer of Federal properties, such as the Presidio, which are affected by hazardous materials is regulated by additional laws, regulations, policies, and programs. Two of the primary laws affecting Federal properties, CERCLA and CERFA, are described below.

3.3.1 CERCLA

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA; 42 U.S.C. ' 9601, et seq.), passed in 1980, created national policies and procedures to identify and remediate sites affected by hazardous substance releases. CERCLA regulations contain criteria for evaluating sites employing a Preliminary Assessment (PA) and Site Inspection (SI) process. The results of the PA/SI evaluation is a priority ranking of sites that is used in determining whether they should be placed on the National Priorities List (NPL). Facilities placed on the NPL are commonly referred to as Superfund sites.

Properties that contain or potentially contain contamination may be conveyed or transferred prior to completion of environmental remediation only if the requirements of Section 120(h)(3) of CERCLA are met. These requirements include the following:

- Agreement by the EPA and the State that the property is suitable for the intended use and that the intended use will protect human health and the environment.
- Public notice and comment.
- Property use restrictions, if necessary, to ensure that human health and the environment are protected and that the necessary remedial actions can take place.
- Assurances from the Federal government that conveyance or transfer of the property will not substantially delay response actions at the property and that the Federal government will continue any necessary response actions after conveyance or transfer.
- Federal budget request for adequate funding to complete the remedial actions on schedule.

These requirements would not apply to a transfer between two federal agencies.

3.3.2 CERFA

CERCLA was amended in 1992 through the passage of the Community Environmental Response Facilitation Act (CERFA; 42 U.S.C.A. ' 9601 note). CERFA was intended to expedite the identification of uncontaminated real property within closing Federal facilities offering the greatest opportunity for reuse and redevelopment. Uncontaminated, or "CERFA-eligible," property is defined as real property where no storage, release, or disposal of hazardous substances or petroleum products has occurred, and these substances have not migrated from adjacent areas. CERFA also clarified when "all remedial action has been taken." CERFA provide that all remedial action has been taken if construction and installation of an approved remedial design has been completed and the remedy has been demonstrated to be operating properly and successfully. After the remedy has been demonstrated to be operating properly, the conveyance or transfer of the property can occur.

The EPA is the regulatory authority for enforcing CERCLA, including the CERFA amendments. However, the EPA has joined with DTSC in implementing CERFA for DOD facilities in California. DTSC serves as the “lead agency” for closures of military bases, including the project site, not listed on the NPL. DTSC generally follows EPA guidance for investigation, remediation, and closure of CERCLA sites.

3.4 PRESIDIO REGULATORY STATUS

In December 1988, the Presidio Army Base was proposed for closure by the Base Realignment and Closure (BRAC) task force. From that time until 1999, the US Army was responsible for investigation and remediation of environmental issues at the Presidio. Several environmental investigations of the Presidio were conducted during the base closure process, in accordance with CERCLA and CERFA requirements. In 1989, an enhanced PA was conducted at the site by Argonne National Laboratory. The PA included a review of available land use records, regulatory agency data, interviews, and field observations. The PA did not identify any imminent environmental hazards at the Presidio requiring immediate remediation, but numerous areas of concerns were identified that warranted further study. These areas were investigated in a Remedial Investigation (RI) managed by Dames & Moore which was finalized in January 1997. Based on the findings of the RI, a Feasibility Study (FS), evaluating potential actions for remediating identified contamination, was finalized in May 1997. Although finalized, neither the 1997 RI nor the 1997 FS were approved by DTSC.

In May 1999, an agreement was reached between the Army and the Presidio Trust to transfer responsibility for remaining environmental cleanup to the Trust. In August 1999, a Consent Agreement was entered into between DTSC, the National Park Service (NPS), and the Trust. Although the portion of the Presidio north of Doyle Drive (Area A on Figure 2-1) is administered by NPS, and the NPS is a participating agency for remediation in those areas, the Trust is now the lead agency for all remediation activities at the Presidio.

Since the original FS was completed in 1997, additional environmental data have been collected, and the responsibility for remedial activities was transferred to the Presidio Trust, which wished to reevaluate the remedial options presented in the FS to more appropriately consider proposed land uses and future impacts. In March 2003, the Trust issued a Revised FS for the Presidio Main Installation Sites, which incorporated data collected after the RI was completed, and evaluated remedial options based on current proposed land uses at the Presidio (EKI, 2003).

The effort for the Revised FS included the development of site-specific soil and groundwater cleanup levels for the Presidio. Cleanup levels were developed for human health risks, based on proposed future land uses (residential, recreational, or commercial/industrial), as well as for ecological risks, including buffer zones (manicured open space areas) and special status ecological protection areas. Special status ecological areas at the Presidio include Native Plant Community Zones, Historic Forest Zones, and other Special Management Zones identified in the 2001 Presidio Vegetation Management Plan. Other special status ecological cleanup goals were applied to Battery Howe Wagner, as this site may have habitats suitable for special status species. The cleanup levels and maps delineating future land uses and ecological areas of concern are included as Appendix C.

Currently, the Trust is developing and implementing Remedial Action Plans (RAP) to carry out proposed remedial activities for 39 sites identified in the Revised FS. The first RAP was prepared for Landfill 4 and Fill Site 5 (located south of the Doyle Drive study area, in the southwestern portion of the Presidio). Soil removal actions at those sites was completed in 2003. Other RAPs are currently in preparation, including sites in the Doyle Drive Study area such as Fill Site 6A and the Baker Beach Disturbed Areas.

Sites with contamination limited to petroleum-related compounds are being remediated outside of the CERCLA process, under the oversight of SFRWQCB. On 20 August 2003, Order No. R2-2003-0080, Revised Site Cleanup Requirements, was adopted by SFRWQCB. This replaced two SFRWQCB orders previously in place for the Presidio: Order No. 91-082 and Order No. 96-070.

A base-wide groundwater monitoring program was initiated by the Trust in May 2000. Approximately 50 wells at the Presidio are sampled for contaminants of concern, to evaluate the trends of contaminants over time and the effectiveness of remedial actions. Currently, data are collected on a quarterly basis, and monitoring reports are issued semi-annually (each report includes two quarters of data).

DTSC has determined that soils contaminated by lead-based paint from structures at the Presidio constitute hazardous substance release sites. A draft Presidio-wide Lead-based Paint in Soil Plan was prepared in February 2003 to analyze alternatives to investigate and clean up lead-affected soils. These soils are generally present within three meters (ten feet) of the structures and do not extend deeper than 0.6 meter (two feet) below ground surface (bgs).

A draft base-wide Petroleum Contingency Plan was prepared by Erlen & Kalinowski in August 2004. The plan is designed to address the investigation and cleanup of previously unknown contamination encountered during redevelopment activities at the Presidio. It is not intended to address known contaminated sites described by the Revised FS or the SFRWQCB Revised Order. The plan includes a description of applicable cleanup standards, a protocol for initial site evaluation and agency notification, and provides step-by-step decision trees for evaluation and remediation of contaminated materials encountered during construction activities.

SECTION 4: AREAS OF CONCERN IDENTIFIED IN PREVIOUS INVESTIGATIONS

Current areas of concern within the study area identified during previous environmental investigations are listed on Table 4-1 and shown on Figures 4-1 and 4-2. Figure 4-1 shows those sites that were evaluated under the CERCLA process, and Figure 4-2 shows those petroleum contamination sites that are currently under oversight by SFRWQCB. The descriptions and status of the sites were determined using data from available environmental investigations and decision documents for the study area, as described above in Section 1, Methodology.

4.1 GOLDEN GATE/FORT POINT AREA

Several potential hazardous materials sites were identified in the RI and original FS within the Golden Gate Bridge Highway and Transportation District (GGBHTD) Study Area at the Golden Gate/Fort Point area of the Presidio. These sites included a transformer storage area, a UST site, a paint operations area, and equipment storage areas. These sites are under the jurisdiction of GGBHTD and are associated with the operations and maintenance of the Golden Gate Bridge and Toll Plaza. Based on information provided in the RI, none of these sites would likely have the potential to affect development of the project alternatives.

4.2 COASTAL BLUFFS

Several areas of disturbed soil on the coastal bluffs were identified during the study process. These sites were used as informal landfills by the Army. Three of those areas, Baker Beach Areas Disturbed Areas 1A, 1, and 2, are located in or adjacent to the study area. Disturbed Area 1A is a small area historically used for disposal of roofing material containing polynuclear aromatic hydrocarbons (PAHs) and asbestos. Additional sampling is proposed to determine the extent of contamination in this area.

Disturbed Area 1 appears to contain demolition debris. Metals and polychlorinated biphenyls (PCBs) have been identified in the debris. Disturbed Area 2 contains imported fill soils and construction debris. Metals and PAHs have been identified in the fill. The preferred alternative for both Disturbed Area 1 and Disturbed Area 2 is clean closure (removal of all fill materials). A RAP for these areas is currently in preparation.

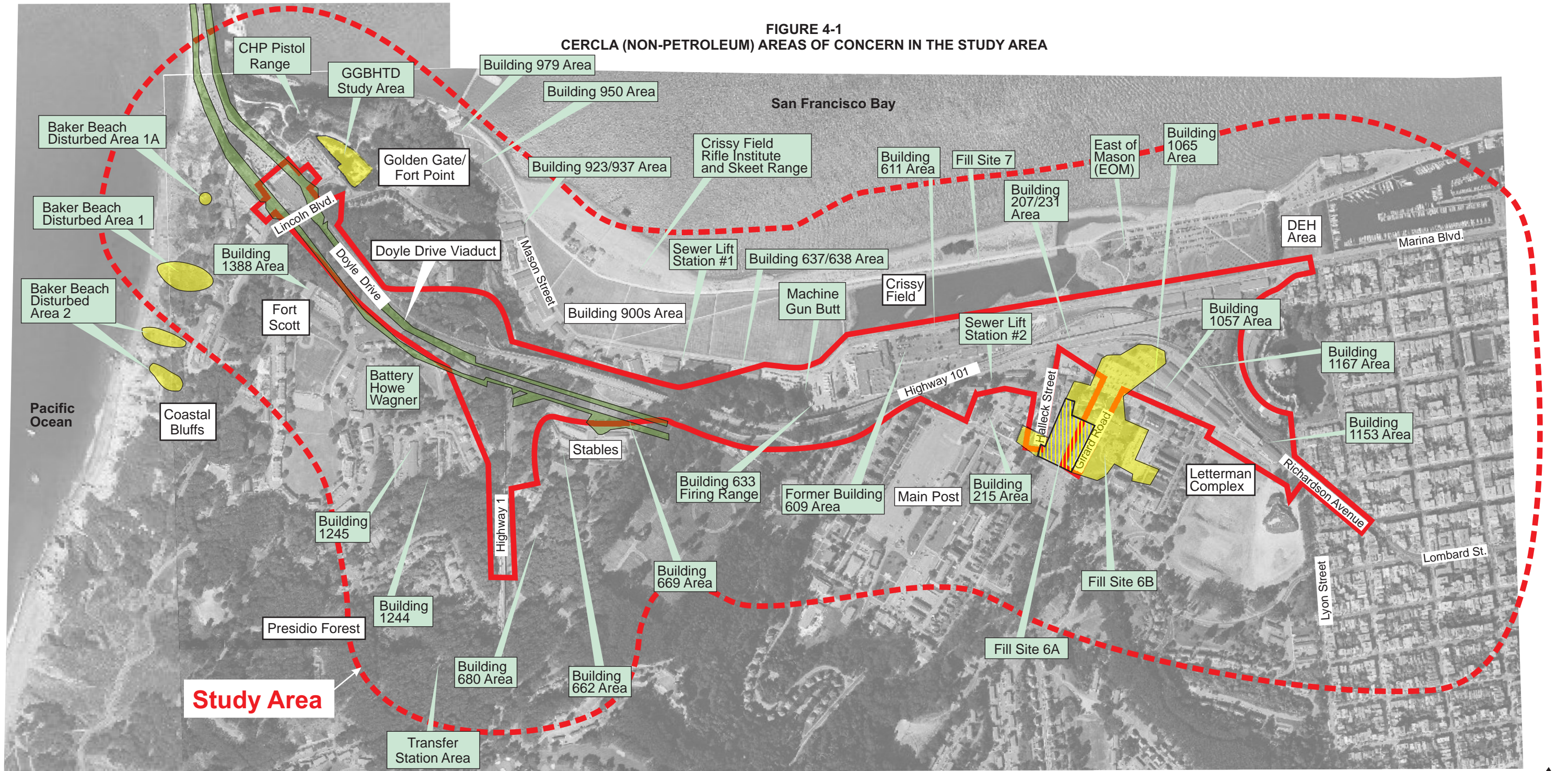
No shallow groundwater has been encountered in the Baker Beach area, with the exception of a few small seeps, and therefore, contamination from these disturbed areas would not be expected to migrate and affect development of the project alternatives.

4.3 FORT SCOTT AREA

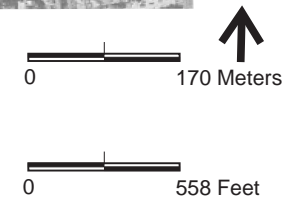
4.3.1 BUILDING 1388 AREA

Building 1388 includes a parking area which formerly contained two aboveground storage tanks (ASTs). Vehicle maintenance was performed in this area. During the CERCLA investigation, the Army collected samples of shallow soil where surface spills were suspected. No contaminants were identified above action levels, and no further action is proposed in this area.

**FIGURE 4-1
CERCLA (NON-PETROLEUM) AREAS OF CONCERN IN THE STUDY AREA**

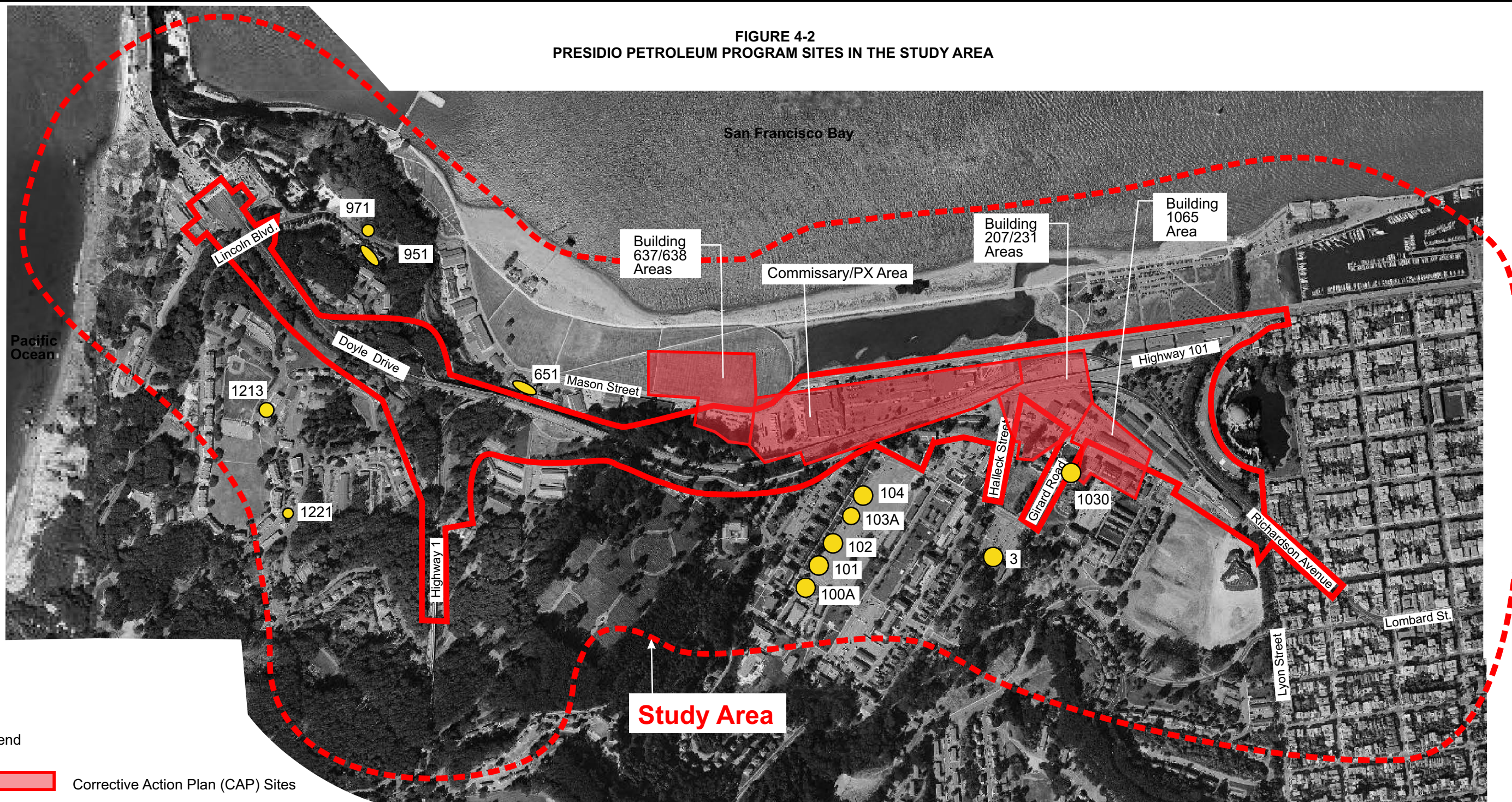


- Legend**
- Potential Construction Limits for Study Alternatives
 - - - - - 300 Meter (984 Feet) Radius from Potential Construction Limits
 - Doyle Drive Viaduct Site Boundaries



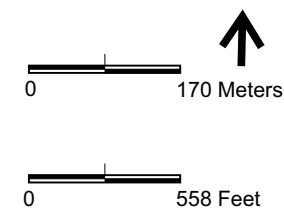
Note: Yellow areas represent larger area of contamination or larger study area.

FIGURE 4-2
PRESIDIO PETROLEUM PROGRAM SITES IN THE STUDY AREA



Legend

- Corrective Action Plan (CAP) Sites
- Mini-CAP Sites
- Potential Construction Limits for Study Alternatives
- 300 Meter (984 Feet) Radius from Potential Construction Limits



Source: SFRWQCB, 2003.

**TABLE 4-1
SUMMARY OF AREAS OF CONCERN IDENTIFIED IN PREVIOUS ENVIRONMENTAL INVESTIGATIONS**

Area Name	Class of Contaminants of Potential Concern Identified or Suspected	Media Affected		Area Status	Potential to Affect Project Alternatives?
		Soil	Ground-water		
Golden Gate/Fort Point Area					
GGBHTD Study Area	Petroleum hydrocarbons, BTEX	■		Areas of soil contamination are being addressed by GGBHTD.	No
Coastal Bluffs Area					
Baker Beach Disturbed Area 1A	Metals, PAHs, asbestos	■		Further investigation, likely leading to clean closure, is proposed.	No
Baker Beach Disturbed Area 1	Metals, PCBs	■	□	Clean closure and groundwater (seep) monitoring is proposed	No
Baker Beach Disturbed Area 2	Metals, PAHs	■		Clean closure is proposed.	No
Fort Scott Area					
Building 1388 Area	Petroleum hydrocarbons	■		Extent of petroleum-affected soils limited to isolated surface stains. No further action is proposed.	No
Building 1244 Area	Lead	■		A small volume of nickel-affected soils is proposed to be removed.	No
Building 1245 Area	Solvents			A November 2001 investigation did not identify any contaminants of concern. No further action is proposed.	No
Battery Howe-Wagner	Metals	■	□	Maintenance of existing permeable soil cover, implementation of land use	No

Area Name	Class of Contaminants of Potential Concern Identified or Suspected	Media Affected		Area Status	Potential to Affect Project Alternatives?
		Soil	Ground-water		
				controls, and groundwater monitoring is proposed.	
Presidio Forest					
Transfer Station	Metals, pesticides, PAHs	■		Removal of affected soils and debris is proposed.	No
Presidio Stables Area					
Building 662 Area	Petroleum hydrocarbons, metals	■		A small volume of metals-affected soils and a UST are proposed to be removed.	No
Building 669 Area	Lead, PAHs	■		Further investigation, likely leading to removal of lead- and PAH-affected soils, is proposed.	Yes
Building 680 Area	PCBs	■		Soils removed by Army in 1997. The preferred alternative for this site includes additional excavation of PCB contaminated soil.	No
Crissy Field/Building 900s Area					
Sewer Lift Station #1	Metals	■	□	Removal of metals-affected soil and groundwater monitoring is proposed.	Yes
Building 633 Firing Range	Lead	■		Removal of sand and impacted soil is proposed.	Yes
Building 611 Area	None (PCBs suspected)			No further action is proposed.	No
Commissary/PX Area	Petroleum hydrocarbons	■	■	An interim corrective action has been	Yes

Area Name	Class of Contaminants of Potential Concern Identified or Suspected	Media Affected		Area Status	Potential to Affect Project Alternatives?
		Soil	Ground-water		
				completed. A corrective action plan is currently in preparation to address contamination	
Building 637/638 Area	Petroleum hydrocarbons	■	■	Remedial action was completed at the site in 1999. Case closure is pending.	No
Main Post Area (South of Doyle Drive)					
Building 207/231 Area	Petroleum hydrocarbons, BTEX, solvents.	■	■	Additional investigation, leading to preparation of a Corrective Action Plan, is proposed.	Yes
Building 215 Area	Petroleum hydrocarbons	■	■	Removal of affected soils completed in 2003. Additional groundwater monitoring is proposed.	Yes
Sewer Lift Station #2	None (metals suspected)			No further action is proposed.	No
Directorate of Engineering and Housing					
DEH Area	Metals, Petroleum Hydrocarbons, Pesticides	■	■	Proposed remedial actions have been completed. A request for site certification has been submitted to DTSC. No further action is proposed.	No
Letterman Complex Area					
Fill Site 6A	Mercury and PCBs	■		Clean closure is proposed.	No
Fill Site 6B	Metals	■		Current sampling data indicates that fill materials in this area are "inert" and do not require remediation. The preferred remedial alternative includes use of	No

Area Name	Class of Contaminants of Potential Concern Identified or Suspected	Media Affected		Area Status	Potential to Affect Project Alternatives?
		Soil	Ground-water		
				land use controls to prevent future residential use of this site.	
Building 1057 Area	Metals	■		Affected sediments proposed for removal during routine maintenance	No
Building 1065 Area	Petroleum Hydrocarbons, VOCs	■	■	An Interim Corrective Action was completed in early 2004 to remove petroleum-affected soils. A Corrective Action Plan to address remaining contamination is in preparation.	Yes
Building 1151-1153 Area	PCBs	■		Affected soils removed by Army in 1997. Land use controls prohibiting future residential use are expected to be implemented.	No
Building 1167 Area	Metals	■		Removal of arsenic- and lead-affected soils is removed.	Yes
Doyle Drive					
Doyle Drive Viaduct	Lead, zinc, cadmium	■		Shallow soils exceeding hazardous waste thresholds were removed by Caltrans in 1995 and 1996. No further remedial activities planned.	Yes

Notes: ■ = Presence of contaminants of potential concern has been confirmed through sampling.

□ = Presence of contaminants of potential concern is suspected, but sufficient sampling has not yet been performed to confirm.

BTEX = Benzene, toluene, ethylbenzene, and xylenes

PAHs = Polycyclic Aromatic Hydrocarbons

PCBs = Polychlorinated Biphenyls

TPH = Total Petroleum Hydrocarbons

VOCs = Volatile Organic Compounds

See Figures 4-1 and 4-2 for site locations.

4.3.2 BUILDING 1244 AREA

Building 1244 has been used for a plant nursery, printing, film processing, and vehicle repair in the past. The revised FS identified total lead above Trust thresholds in this area was total lead. Following the completion of the Revised FS, further review of the site data has resulted in a determination that the primary compound of concern at the site is nickel, not lead as previously indicated. Remedial action at this site is expected to be the excavation and off-site disposal of approximately 10 cubic yards of nickel contaminated soil. As only soil contamination is suspected, this site would not be expected to affect development of project alternatives.

4.3.3 BUILDING 1245

Building 1245 is a small building historically used to store flammable materials, including solvents. Sampling during the CERCLA investigation focused on soil near drainage pipes near the building, and did not find any evidence of contamination. The trust performed additional sampling in November 2001 and did not identify any contaminants of concern in soil or groundwater. No further action is proposed in this area.

4.3.4 BATTERY HOWE/WAGNER

The battery was constructed in a fill area on top of native bedrock containing serpentinite. It is believed that the fill contains soil and/or rock excavated during the construction of the battery plus construction debris from other sites. These fill materials, with an estimated volume of 6,040 cubic meters (7,900 cubic yards), have been found to contain concentrations of several metals above health risk and regulatory thresholds. Groundwater in this area was found to contain metals and carbon tetrachloride above human health and ecological risk thresholds. Additional sampling at this site was performed in preparation of the revised FS. A soil vapor survey, performed in 2001, did not identify any sources of volatile organic compounds at the site. The recommended alternative for remediation of the site is to maintain the existing permeable soil cover, implement land use controls to protect the cover, and to continue to monitor groundwater quality.

4.4 PRESIDIO FOREST

One site in the Presidio Forest, the Transfer Station Area, is located within the Doyle Drive Study Area (Figure 4-1). Waste transfer operations were performed at this site from 1983 to 1994. Garbage from trucks was emptied into roll-off bins along a 150-foot long retaining wall for transport to an off-site, permitted waste management facility. Some garbage appeared to have been dumped along the slope northeast of the Transfer Station. Soils containing metals, pesticides, and PAHs have been identified in this area, but no groundwater impact is suspected. The Trust proposes to perform additional investigation in this area, and remove affected soils, estimated to be approximately 497 cubic meters (650 cubic yards) in volume. The Transfer Station Area is only known to be affected by soil contamination and would not be expected to affect development of project alternatives.

4.5 CALVARY STABLES AREA

4.5.1 BUILDING 662 AREA

Building 662 was historically used for vehicle maintenance and included several ASTs and USTs. Elevated concentrations of cadmium and lead were identified in soils near the tank areas. Groundwater downgradient of this area has not been affected by petroleum hydrocarbons or metals. The Trust proposes to remove a small volume of metals-affected soils (15 cubic meters (20 cubic yards)) and close the UST in this area. Contaminants identified at this site would not be expected to affect development of project alternatives.

4.5.2 BUILDING 669 AREA

Building 669 is a former incinerator, used to cremate animal carcasses. Ash from the incinerator was historically disposed on adjacent hillsides. During the CERCLA investigation, the Army attempted to sample the ash layer, but borings on the hillside did not identify significant quantities of ash. During the Highway 101 Viaduct investigation (see below), Caltrans found elevated concentrations of lead in soils near the hillside, and removed shallow soils near this site. The Trust proposes to perform additional investigation in this area to determine the extent of the lead and analyze the soil for PAHs, which were not investigated during the Highway 101 Viaduct investigation. For planning purposes, the Trust assumes that approximately 1,147 cubic meters (1,500 cubic yards) of soils will require excavation and off-site disposal. As this site is located adjacent to proposed project construction areas, and the extent of contamination has not been determined, this site may have the potential to affect project development.

4.5.3 BUILDING 680 AREA

Building 680 is a former electrical equipment and transformer storage area. PCBs were identified in shallow soils in this area, and a soil removal action was performed by the Army in 1997. The preferred alternative for this site will require excavation of additional PCB-contaminated soils in the future. Contaminants remaining in soils at this site would not be expected to affect development of project alternatives.

4.6 CRISSY FIELD AND BUILDING 900S AREA

Crissy Field historically contained an airstrip, constructed in 1919, and a tidal marsh. The Building 900s Area included aviation maintenance activities for Crissy Field, and vehicle maintenance after 1936. Contaminants in these areas included petroleum hydrocarbons, metals, solvents, and polynuclear aromatic hydrocarbons (PAHs). In 1998, DTSC approved the Crissy Field RAP. The Crissy Field RAP addressed multiple Crissy Field area contamination sites, including the Building 900s Area. The RAP selected source soil removal and subsequent confirmation groundwater monitoring to ensure that all contaminated soil and fill were excavated and removed. In accordance with the RAP, approximately 16,793 tonnes (17,000 tons) of metals- and petroleum-affected soils were removed from Fill Site 7, and approximately 642 tonnes (650 tons) of pesticide-affected shallow soils from this area were removed from the East of Mason (EOM) area.

In the Building 900s Area, affected soils were removed from the Building 923/937 area and a groundwater treatment system was installed at the site by the Army during an Interim Remedial Action. Additional soil was removed at the Building 923/937, Building 950, and Building 979 areas in accordance with the Crissy Field RAP. The RAP requires that groundwater monitoring be conducted for a minimum of five years following excavation. Once five years of groundwater monitoring have been completed, the Trust is expected to request closure from DTSC.

Remaining sites at Crissy Field, not addressed during the Crissy Field RAP, include Sewer Lift Station No. 1, Former Building 611 Area, and Building 633 Firing Range, discussed below.

4.6.1 SEWER LIFT STATION #1

Sewer Lift Station #1 is a lift station for waste water generated at the Presidio. During the CERCLA investigation process, there was concern that overflows from the lift station could have potentially released metals to soils in the area. Lead, nickel, and zinc were identified at elevated concentrations in soils. Arsenic, barium, chromium, lead, and nickel were present above thresholds in unfiltered groundwater samples. Further investigation is proposed, including groundwater sampling to confirm the findings of the unfiltered groundwater samples. The preferred alternative for remediation is removal of approximately 38 cubic meters (50 cubic yards) of metals-affected soils. As this site is located adjacent to Doyle Drive, contaminants identified at this site could potentially affect development of project alternatives.

4.6.2 BUILDING 611 AREA

This building was a former transformer storage area. The building was demolished and the area excavated as part of the Crissy Field restoration project. No potential contaminants of concern were identified during screening investigations. No further action is proposed for this area, and residual contaminants remaining at this site would not be expected to affect development of project alternatives.

4.6.3 BUILDING 633 FIRING RANGE

This former firing range area includes sand, where spent ammunition accumulated, enclosed by a concrete structure. The Trust proposes to remove the concrete structure and sand as part of the restoration process. Lead-contaminated soils are present both in the target area as well as in the firing line area. As this site is located near Doyle Drive, contaminants identified at this site could potentially affect development of project alternatives.

4.6.4 COMMISSARY/PX AREA

The Commissary/PX area historically contained a number of structures that constituted the Presidio Consolidated Motor Pool. In November 1999, the Trust became aware of groundwater seeps, which contained detectable levels of petroleum hydrocarbons as gasoline, in the southwest corner of the new Crissy Field tidal marsh. Throughout 2000, the Trust conducted a series of investigations to identify and delineate the source of gasoline in the groundwater seeps at Crissy Field. Interim source removal activities, including the excavation of 3,704 tonnes (3,750) tons of petroleum-affected soils, were conducted by the Trust in 2001 to address the groundwater seep contamination. During 2002 and 2003, two additional investigations were conducted to delineate petroleum contamination in this area. A Corrective Action Plan is currently in preparation. Residual soil and groundwater contamination in this area could potentially affect project development.

4.6.5 BUILDING 637/638 AREA

This site was previously a refueling station for the adjacent motor pool. In 1928, three 37,854-liter (10,000-gallon) ASTs in this area were linked to fueling islands via underground pipelines. By the mid-1960s, three 75,708-liter (20,000-gallon) gasoline ASTs, and three 18,927-liter (5,000-gallon) diesel fuel ASTs were present. Between 1993 and 1996, the Army and the U.S. Army Corps of Engineers performed several removal actions at the site, which included removal of approximately 2,466 cubic meters (3,225 cubic yards) of hydrocarbon-contaminated soil. A groundwater treatment and extraction system was operated for nine months in 1994 and 1995.

In August 1999, the Trust completed a CAP for the Building 637/638 Area. As part of the CAP implementation, the Trust excavated and disposed of approximately 1,630 tonnes (1,650 tons) of petroleum-impacted soil and asphalt from six locations. An oxygen-releasing compound (ORC) was placed in backfill and injected in soils to enhance naturally-occurring bioremediation. Groundwater monitoring is continuing at this site to monitor contaminant trends and evaluate the effectiveness of the removal action. The Trust has applied to SFRWQCB for closure of this site.

4.7 MAIN POST

4.7.1 BUILDING 207/231 AREA

Buildings 207 and 231 were former gasoline service stations on Halleck Street; Building 207 is immediately north of Doyle Drive; Building 231 is immediately south of Doyle Drive. USTs were removed from the Building 207 site in 1996; several tanks (including some solvent tanks) were removed from Building 231 from 1988 through 1996. During tank removals, approximately 535 cubic meters (700 cubic yards) of

contaminated soil and 15,142 liters (4,000 gallons) of free-phase petroleum product were removed from the excavation. A soil vapor extraction system was implemented and operated for six months during 1993.

A CAP was completed by the Army, but was never approved by DTSC. Currently, the Trust is preparing to conduct an investigation to collect additional information regarding the extent of contamination in this area. Once this investigation is complete, the Trust will prepare a revised CAP.

Petroleum-related soil and groundwater contamination in this area may affect development of the project alternatives. Corrective action taken by the Trust may significantly reduce potential impacts to the project, although potential future impact to the project alternatives will not be known until the corrective action has been identified and completed and the effectiveness of the corrective action evaluated.

4.7.2 BUILDING 215 AREA

The Building 215 area is the location of the current Burger King in the Main Post area, and the historical location of a gasoline station and vehicle maintenance facility. Two USTs were removed from this area by the Army in the late 1980s. In April 2001 workers discovered petroleum affected soils during construction activities in this area. In February 2003, approximately 38 to 76 cubic meters (50 to 100 cubic yards) of petroleum-affected soils were removed from this site. Benzene and chromium have been detected in wells in this area, although the data suggest that the groundwater impact is not extensive. The site is proposed for additional monitoring under the Petroleum Program to evaluate the effectiveness of the soil removal action. This site is within the study area and could therefore potentially impact development of the project alternatives, should groundwater dewatering be required in this area.

4.7.3 SEWER LIFT STATION #2

The Sewer Lift Station #2 is a lift station for waste water generated at the Presidio, located approximately 15 meters (50 feet) south of Doyle Drive. During the CERCLA investigation process, there was concern that overflows from the lift station could have potentially released metals to soils in the area. An unfiltered groundwater sample contained concentrations of nickel above cleanup thresholds. In follow-up sampling, no elevated concentrations of metals were identified, and although nickel will continue to be monitored at this site, no other remedial action is proposed. This site would not be expected to affect development of project alternatives.

4.8 DEH AREA

This area historically contained 21 buildings used for administrative services, vehicle maintenance and equipment storage. Landscaping equipment and supplies, including pesticides, were stored in several of the buildings. All buildings in this area were demolished by NPS in 1996, and approximately 3,950 tonnes (4,000 tons) of affected soils were removed and disposed of by the Army in 1998, in accordance with the DEH RAP. In January 2000, the DTSC confirmed that the soil removal component of the RAP was complete and indicated that final certification would be issued when groundwater cleanup standards were achieved. In August 2002, the Trust reported that groundwater remediation goals at the DEH area had been met and summarized their findings in a draft Closure Report for the DEH Study Area. At the request of DTSC, additional groundwater sampling was conducted during the first quarters of 2003 and 2004. On July 22, 2004, the results of these samplings were submitted to DTSC as an addendum to the original closure report and accompanied a request for a full certification of the site remediation. As remedial activities have been completed in this area, it would not be expected to affect development of project alternatives.

4.9 LETTERMAN COMPLEX

4.9.1 FILL SITES 6A AND 6B

Fill Sites 6A and 6B contain construction debris and soil from the demolition of former buildings at the Letterman Complex. Sampling of these sites performed by the Army had identified hexavalent chromium, selenium, and benzene in groundwater in this area. All of these contaminants were believed to have originated off-site, and were not believed to be associated with the fill materials.

Fill Sites 6A and 6B cover a large area, with three distinct subareas based on planned and existing land uses. The Tennessee Hollow riparian corridor is proposed to pass through the southern and western portion of the site, west of Girard Road. This portion of the site is located within the Freshwater Ecological Protection Zone and is designated as residential and ecological special status land uses. The adjacent area surrounding the proposed riparian corridor, still west of Girard Road and part of the Freshwater Ecological Protection Zone, is designated for residential and buffer zone ecological land uses. Finally, the portion of Fill Site 6 east of Girard Road is designated for residential land uses.

Prior to sampling performed by the Trust for the Revised FS, Fill Site 6 was considered a single site, with a homogeneous waste stream. The Trust's additional sampling more fully characterized the fill materials and evaluated potential groundwater impacts. Cadmium, zinc, mercury, and PCB 1260 were measured in soil at concentrations greater than applicable residential, ecological buffer zone, and/or ecological special status species cleanup levels. Further evaluation of the cadmium and zinc data suggested that these compounds were present in soils at naturally-occurring concentrations. Elevated mercury and PCB 1260 concentrations were limited to the southwestern portion of Fill Site 6, between Halleck Street and Girard Road (Figure 4-1).

As a result of the sampling for the Revised FS, the Trust has divided Fill Site 6 into two areas: Fill Site 6A is that portion of Fill Site 6 containing mercury and PCB 1260 above screening thresholds, and Fill Site 6B is the remaining portion of Fill Site 6, which does not contain contaminants above screening levels (Figure 4-1). A RAP for Fill Site 6A was completed in March 2004; the RAP proposes to remove all fill materials in this area for off-site disposal. The preferred alternative for Fill Site 6B is the use of land use controls to prohibit future residential use of the site.

Groundwater sampling completed by the Trust confirmed that the source of benzene and other petroleum-related contaminants at Fill Sites 6A and 6B was the adjacent Building 1065 site (discussed in Section 4.9.3, below). Other contaminants identified in groundwater at Fill Sites 6A and 6B were believed to be naturally occurring concentrations or sampling artifacts, with the exception of selenium, for which background concentrations have not yet been determined, and zinc, which may also be a sampling artifact. Additional groundwater sampling will be conducted at this site to monitor selenium and zinc in groundwater.

Removal of fill materials in Fill Site 6A during proposed remedial activities will eliminate any potential impact to project alternatives. As no contaminants of concern are present in Fill Site 6B above Trust reuse criteria, this site would also not be expected to affect project alternatives.

4.9.2 BUILDING 1057

Building 1057 is a small concrete vault located near maintenance and medical research buildings at the Letterman Complex. Sediment sampled from the vault contained elevated concentrations of several metals, but soils outside the vault did not appear to be affected. The Trust proposes to remove the sediment as part of normal maintenance procedures at the building. No further action is proposed at this site.

4.9.3 BUILDING 1065 AREA

This site is a former UST site, where petroleum hydrocarbons and associated VOCs have been identified in soils and groundwater. The Army previously prepared a Corrective Action Plan for the site, but the plan was never approved by SFRWQCB.

In 2001 and 2002, the Trust conducted additional investigations at this site, including a geophysical survey, investigation of identified geophysical anomalies, soil sampling in areas where chemicals exceeded screening levels and at potential source areas that had not been previously sampled, and groundwater sampling from shallow, intermediate and deep groundwater zones. Sampling at Building 1063 identified petroleum in shallow soils beneath the building. The Trust has submitted a plan to the SFRWQCB to remove this soil.

Petroleum-affected soils and groundwater are present in this area, located within proposed construction areas. An Interim cleanup action was taken by the Trust in late 2003 and early 2004 to remove petroleum-contaminated soils in advance of construction of a recycled water treatment system in the site area. The Trust is in the process of documenting the Interim cleanup action and preparing a revised CAP for this area. Corrective action taken by the Trust may significantly reduce potential impacts to the project, although potential future impact to the project alternatives will not be known until the corrective action has been identified and completed and the effectiveness of the corrective action evaluated.

4.9.4 BUILDING 1151-1153 AREA

Building 1153 is a concrete pad historically used for transformer storage. PCBs were historically released from the area of this concrete pad and an adjoining electrical vault and storage shed to the Building 1151-1153 area. In 1997, the Army removed approximately 90 tonnes (91.5 tons) of PCB-affected soils in this area as part of a remedial action. A statistical analysis of residual contaminants remaining at this site, performed for the revised FS, did not identify any significant risks to future recreational users of the site. No groundwater impact is suspected. It is expected that land use controls, prohibiting the future residential use of this area, will be implemented at this site. This site would not be expected to affect development of project alternatives.

4.9.5 BUILDING 1167

This building was historically used for furniture manufacturing, including painting and staining. Elevated concentrations of arsenic and lead have been identified in a limited area of soils near the southeastern corner of the building. The proposed remedy in the FS is to remove the metals-affected soils, estimated at approximately 115 cubic meters (150 cubic yards). Removal actions at this site should significantly reduce potential impacts to the project, although potential future impact to the project alternatives will not be known until the removal action has been completed.

4.10 DOYLE DRIVE VIADUCT

In anticipation of rehabilitation work at the Doyle Drive Viaduct, Caltrans retained a consultant to perform an investigation of metals in soils near the viaduct. Fifty-two borings were completed in seven areas near the viaduct, and samples were collected from depths ranging from the ground surface to approximately 5 meters (15 feet) bgs. All samples were analyzed for zinc, chromium, and lead, and selected samples were also analyzed for petroleum hydrocarbons and semi-volatile organic compounds. The analytical results determined that total lead was the primary contaminant of concern in the soils sampled.

The soils in each area were classified by depth as hazardous (containing total lead above 1,000 mg/kg), contaminated (containing total lead between 50 and 1,000 mg/kg), or uncontaminated (containing lead below

50 mg/kg). Soils classified as hazardous exceed the California Total Threshold Limit Concentration (TTL) of 1,000 mg/kg, a hazardous waste threshold. Depending on the solubility of the lead in the soils, the soils classified as contaminated would have the potential to exceed State and/or Federal hazardous waste thresholds. Therefore, these soils could constitute a hazardous waste, once excavated, and require special soil management and disposal procedures during project construction.

Six of the seven areas studied contained "hazardous" surface soils to depths ranging from 0.15 to 0.3 meter (0.5 to one foot) bgs, underlain by contaminated soils to a depth of up to 0.6 meter (two feet) bgs. The remaining area contained "contaminated" surface soils to a depth of 1.5 meter (five feet) bgs.

A source of the elevated metals concentration was not determined in the investigation, but potential sources include historic sandblasting of the viaduct during maintenance activities, which could have released lead-based paint dust, and aeri-ally-deposited metals from vehicle exhaust along Doyle Drive (discussed under Section 7, below). Some of the lead-affected surface soils in this area were removed by Caltrans and GGBHTD under oversight by DTSC.

As much of the current Doyle Drive alignment is similar to the viaduct area studied by Caltrans, elevated concentrations of lead could also be present in shallow soils along the entire alignment. Based on the findings of the Caltrans investigation, concentrations would be expected to decrease by depth, as well as by distance from the current Doyle Drive alignment. If aeri-ally-deposited lead were the source of the elevated lead concentrations, then wind patterns could potentially create "hot spots" of lead further away from the alignment (see further discussion under Aeri-ally-Deposited Lead Issues, below). Lead in shallow soils identified during the Caltrans investigation would have the potential to affect development of project alternatives.

4.11 BASE-WIDE HAZARDOUS MATERIALS ISSUES

4.11.1 UNDERGROUND STORAGE TANKS (MINI-CAP SITES)

The Mini-CAP program was developed by the U.S. Army Corps of Engineers, and has been continued by the Trust, as a way to address "routine" underground storage tank and pipeline sites at the Presidio. Mini-CAPs are standardized form-style reports which simplify regulatory review and approval process for site closure. Mini-CAPs may be applied to those petroleum release sites where no contaminants other than fuel products are present, and groundwater has not been affected by the release. As of August 2003, when SFRWQCB Order R2-2003-0080 was released, there were 27 documented Mini-CAP sites, including 12 within the Doyle Drive study area (Figure 4-2). The Trust expects to complete all Mini-CAP cleanups by the end of 2005.

Since the Mini-CAP sites, by definition, have only affected soil quality, and the cleanups are expected to be completed prior to project development, these sites would not be expected to affect the project alternatives.

4.11.2 NATURALLY-OCCURRING ASBESTOS

Serpentinite bedrock has been identified in portions of the study area. The Preliminary Draft Geotechnical Report for the project states that serpentinite is present at depths ranging from 0.3 to 7 meters (1 to 23 feet) bgs throughout the western portion of the Doyle Drive alignment (Parsons Brinckerhoff, 2004). Serpentinite contains a naturally-occurring form of asbestos. As the serpentinite is a natural feature of the study area geology, and poses no significant health risks when undisturbed, no remedial actions have been proposed. However, if this bedrock were to be disturbed during construction activities, asbestos fibers could be released to the air, which could potentially affect construction workers and nearby Presidio users.

The California Air Resources Board has established an Asbestos Airborne Toxic Control Measure (ATCM) for Construction, Grading, Quarrying, and Surface Mining Operations, which went into effect on November 19, 2002. The ATCM requires road construction and maintenance activities, construction and grading operations, and quarrying and surface mining operations in areas where naturally-occurring asbestos is likely

to be found to employ the best available dust mitigation measures. For sites greater than one acre, such as the Doyle Drive construction site, the Bay Area Air Quality Management District (BAAQMD), which implements the ATCM in the project area, will require that an Asbestos Dust Mitigation Plan be prepared and submitted for approval. The dust mitigation plan must specify how construction operations will minimize emissions and must address specific emission sources. The BAAQMD must also be notified at least 14 days prior to any construction.

4.11.3 HEXAVALENT CHROMIUM

Hexavalent chromium has been detected in groundwater above drinking water standards at several areas in the Presidio. No significant man-made releases of chromium have been identified during environmental investigations. It is possible that the chromium in groundwater could originate in the serpentinite bedrock, which contains naturally-occurring metals, including chromium. The extent of chromium contamination and potential sources is currently being evaluated by the Trust as part of their base-wide groundwater monitoring program. The presence of hexavalent chromium in groundwater could affect the project alternatives if groundwater proposed for dewatering contained hexavalent chromium.

4.11.4 FIRING RANGES

Several former small arms firing ranges are located in the project vicinity. Soils near these ranges may have been affected by lead and other metals from spent ammunition. Some of the contamination at Presidio firing ranges has been addressed; for example, a removal action was undertaken to remove metals-affected soils at the Building 924 firing range, and the Crissy Field RAP evaluated a firing range in the DEH area and proposed no further action. The Trust plans to conduct an RI/FS for five additional small armed firing ranges, including two in the Doyle Drive Study Area: a machine gun firing range near Building 637 (Machine Gun Butt) and a California Highway Patrol pistol range at Battery East. Contamination in these areas would be expected to be limited to soil only, and not affect groundwater quality.

SECTION 5: REPORTED HAZARDOUS MATERIALS USE, STORAGE, DISPOSAL, AND RELEASES AT AND NEAR THE STUDY AREA

Available regulatory agency databases were reviewed to determine regulatory agency actions regarding hazardous materials within the study area. A listing of the databases searched and the dates the databases were released to the public, is included in Table 5-1. Regulatory records identified nine sites at the Presidio and an additional 25 additional sites within the study area that use, store, or dispose of hazardous materials, or have had a reported release of hazardous materials (Table 5-2).

5.1 REPORTED USE, STORAGE, GENERATION, AND DISPOSAL OF HAZARDOUS MATERIALS

Eight locations within the Presidio were listed as hazardous waste generators: four sites appeared on the Cal EPA Hazardous Waste Information System (HAZNET), indicating that they were listed as generator on at least one hazardous waste manifest collected by Cal EPA, and five RCRA-registered hazardous materials generators (The Presidio, Presidio Trust, US Coast Guard, and two Pacific Bell locations) are located at the Presidio (Table 5-2). The Presidio was cited for hazardous waste violations in April 1984 and May 1994; no hazardous waste regulation violations were noted in the database records for the other sites. The Presidio Transfer Station is registered as a large volume solid waste transfer/processing facility.

Regulatory records indicate that the Presidio historically had 37 registered underground petroleum storage tanks and that two USTs were present at the San Francisco National Cemetery and the US Coast Guard Station (Table 5-2). Only three USTs are currently known to be present at the Presidio, and those USTs are proposed to be removed as soon as is practical. The Trust has reported discovering previously undocumented USTs at several development sites.

Outside of the Presidio, ten sites within the study area are listed on the HAZNET database, and one site is a RCRA-registered hazardous material generator. Two sites are listed in the BAAQMD Air Toxics Emissions inventory. One site is listed as a former dry-cleaners (Table 5-2)

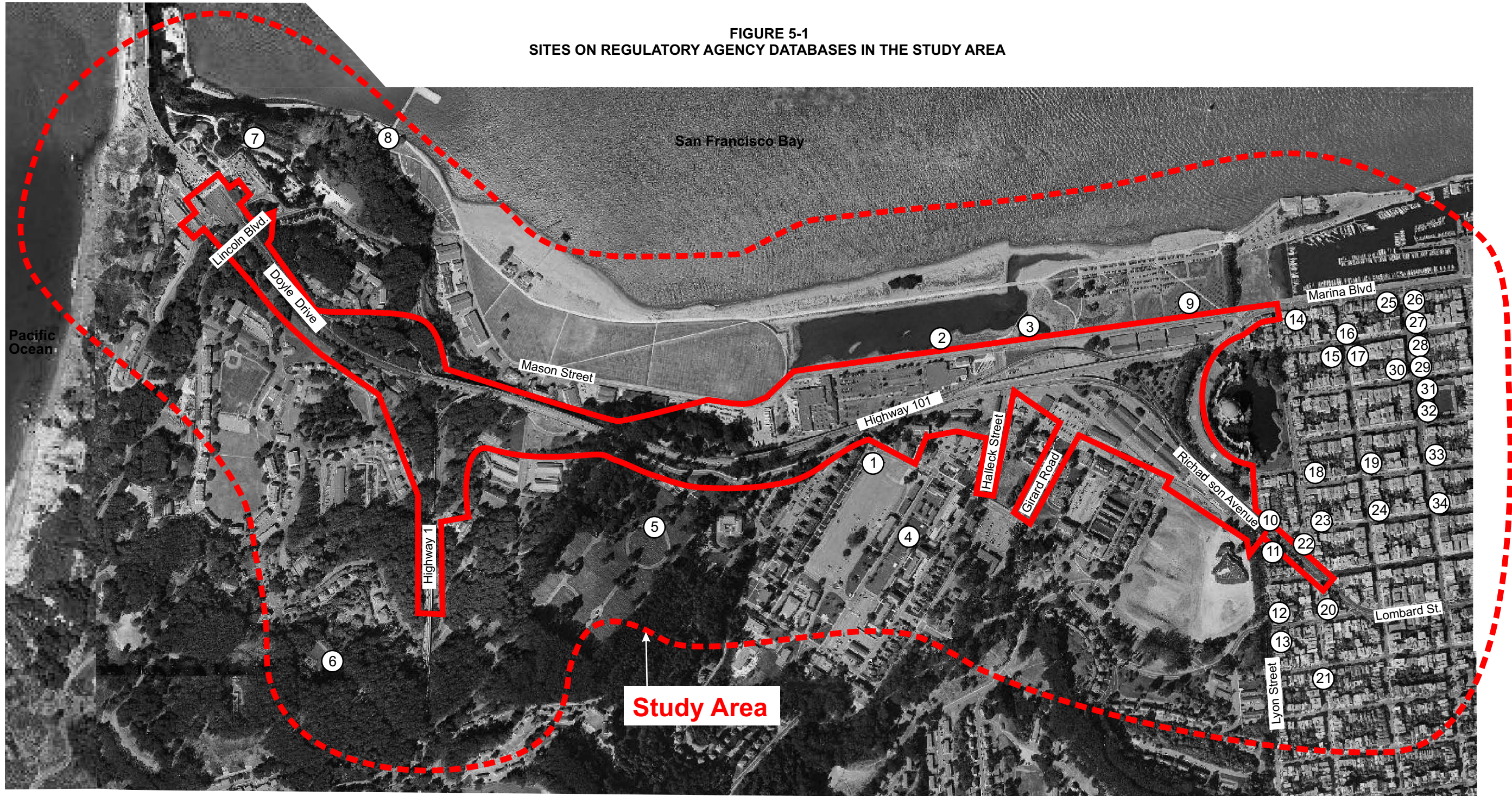
5.2 REPORTED RELEASES OF HAZARDOUS MATERIALS

The Presidio is listed on the US EPA CERCLIS and the California DTSC Cal-Sites and Annual Work Plan (AWP) databases. These databases contain known and suspected hazardous materials sites. The Presidio is also listed in 22 separate leaking underground storage tank (LUST) sites, and one Spills, Leaks, Investigations, and Cleanups (SLIC) site. SLIC sites are groundwater contamination sites overseen by SFRWQCB that are not related to USTs. Information related to releases at the Presidio are discussed, above, in Section 4, Areas of Concern Identified in Previous Investigations.

Outside of the Presidio, 24 sites within the study area are listed on LUST or Cortese databases for reported releases from underground petroleum storage tanks. Only two of those sites have not already achieved case closure from oversight agencies, indicating that remediation for 22 of the 24 sites is complete or was not required. The remaining cases, an ARCO station at 2 Richardson Avenue (Site 22 on Table 5-2 and Figure 5-1) and an Exxon station at 2601 Lombard Street (Site 23 on Table 5-2 and Figure 5-1) have reported releases of gasoline affecting soil and groundwater.

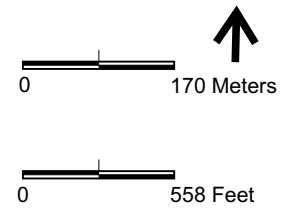
At the ARCO station, the release was reported in May 1989. A pump-and-treat groundwater treatment system was installed at this location to treat petroleum-affected groundwater. At the Exxon station, the release was reported in March 1992. Eighteen groundwater monitoring wells have been installed at that site as part of a pollution characterization effort, and free-product removal and a soil vapor extraction system have been employed at the site.

FIGURE 5-1
SITES ON REGULATORY AGENCY DATABASES IN THE STUDY AREA



Legend

- ① Site on Regulatory Agency Database
- Potential Construction Limits for Study Alternatives
- - - 300 Meter (984 Feet) Radius from Potential Construction Limits



Source: EDR, 2004.

**TABLE 5-1
REGULATORY AGENCY LISTS AND DATABASES REVIEWED**

Acronym	Database (Agency)	Agency Release Date
AST	Aboveground Petroleum Storage Tank Facilities (State Water Resources Control Board)	1 December 2003
AWP	Cal-Sites list of known hazardous waste sites targeted for cleanup (Cal EPA)	1 June 2004
BEP	Bond Expenditure Plan (California Department of Health Services)	1 January 1989
Brownfields	Listing of Brownfields Sites (US EPA)	14 April 2004
BRS	Biennial Reporting System for hazardous waste generators (US EPA)	1 December 2001
Cal-Sites	Cal-Sites list of known and potential hazardous waste sites (Cal EPA)	1 June 2004
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System (US EPA)	26 February 2004
CHMIRS	California Hazardous Material Incident Report System (Office of Emergency Services)	31 December 2003
Cleaners	Dry Cleaning Facilities (DTSC)	21 April 2004
CORRACTS	RCRA Corrective Action Report (US EPA)	15 March 2004
Cortese	Cortese index of identified hazardous waste and substance sites	1 April 2001
DEED	List of Deed Restrictions (DTSC)	6 April 2004
DOD	Department of Defense Facilities (USGS)	1 October 2003
EMI	Emissions Inventory Data (California Air Resources Board)	31 December 2002
ERNS	Emergency Response Notification System (US EPA)	31 December 2003
FID	Facility Inventory Database (State Water Resources Control Board)	31 October 1994
FINDS	Facility Index System (US EPA)	8 April 2004
FTTS	FIFRA/TSCA Tracing System (US EPA)	13 April 2004

FUDS	Formerly Used Defense Sites (US Army Corps of Engineers)	1 October 2003
HAZNET	Hazardous Waste Information System (Cal EPA)	31 December 2002
HMIRS	Hazardous Materials Information Reporting System (Department of Transportation)	17 February 2004
LUST	Leaking Underground Storage Tank Information System (SFDPH, SFRWQCB, and State Water Resources Control Board)	7 June 2004
MINES	Mine Safety and Health Administration Master Index	5 March 2004
MLTS	Material Licensing Tracking System (Nuclear Regulatory Commission)	19 April 2004
NOTIFY 65	Proposition 65 Notification Records (State Water Resources Control Board)	21 October 1993
NFA	No Further Action Determination Properties (DTSC)	1 June 2004
NFE	Properties Needing Further Evaluation (DTSC)	1 June 2004
NPL	National Priority List (Superfund) (US EPA)	27 April 2004
NPL LIENS	Federal Superfund Liens (US EPA)	15 October 1991
PADS	PCB Activity Database System (US EPA)	30 March 2004
RAATS	RCRA Administrative Action Tracking System (US EPA)	17 April 1995
RCRIS	Resource Conservation and Recovery Information System (US EPA)	13 April 2004
REF	Properties Referred to Another Regulatory Agency (DTSC)	1 June 2004
ROD	NPL (Superfund) Records of Decision (US EPA)	8 April 2004
SCH	School Property Evaluation Program Sites (DTSC)	1 June 2004
SLIC	Spills, Leaks, Investigations, and Cleanups (SFRWQCB)	31 March 2004
SSTS	Section 7 FIFRA Tracking System (US EPA)	31 December 2001
SWF/LF (SWIS)	Solid Waste Information System (Integrated Waste Management Board)	15 March 2004
Toxic Pits	Toxic Pits Cleanup Act Sites (State Water Resources Control Board)	1 July 1995
TRIS	Toxic Chemical Release Inventory System (US EPA)	31 December 2001

TSCA	Toxic Substances Control Act (US EPA)	31 December 2002
UMTRA	Uranium Mill Tailings Sites (Department of Energy)	22 April 2004
UST	Underground Storage Tanks (SFDPH and State Water Resources Control Board)	13 April 2004
VCP	Voluntary Cleanup Program (DTSC)	1 June 2004
WDS	Waste Discharge System (State Water Resources Control Board)	5 April 2004
WMUDS	Waste Management Unit Database System (State Water Resources Control Board)	1 April 2000

Source: EDR, 2004.

Note: See Appendix D for complete regulatory agency database descriptions and search results.

**TABLE 5-2
SITES ON REGULATORY AGENCY DATABASES WITHIN THE STUDY AREA**

Site ID	Site Name/Address	List(s)	Status
1	Presidio of San Francisco	CERCLIS LUST Cal-Sites AWP UST LQG HAZNET	Discovery, Preliminary Assessment, and Expanded Site Inspection under CERCLA completed by 1992; Federal Facilities Oversight completed in 2000; Federal Facilities RI/FS completed in 2001. See text for discussion of CERCLA status. Twenty-two releases identified in regulatory record search, coded by building numbers: 3, 11, 12, 42, 64, 68, 69.1, 105.2, 103.2, 231, 328.2, 334, 338.1, 338.2, 339, 342, 343, 748/750, 749/751, 1233, 1351, 1450/1. See text for discussion of leaking underground storage tanks. Listed as annual workplan site in 1991. See text for discussion of DTSC oversight. Thirty seven USTs, historically registered for diesel, gasoline, and waste oil. No active UST registrations in regulatory records. See text for discussion of USTs. Two hazardous waste violations reported in April 1984 and May 1994; monetary penalty proposed in May 1994. Site is listed as generator on 281 hazardous waste manifests.
2	Pacific Bel ICrissy Field Presidio	SQG	No hazardous materials violations reported.
3	US DOI NPS The Presidio	HAZNET	Listed as generator of household waste.
4	Presidio Trust10 Funston/34 Graham St	LQG; HAZNET; SLIC	No hazardous waste violations reported. Listed as generator of asbestos-containing waste. No details available regarding SLIC status.
5	San Francisco National Cemetery Building 150, Presidio of San Francisco	UST	One 285- and one 1,000-gallon UST registered for gasoline.
6	Presidio Transfer Station Park Boulevard	SWF/LF	Listed as large volume solid waste transfer/processing facility.
7	Pacific Bell Marine Drive, Fort Point	SQG	No hazardous waste violations reported.
8	USCG Station Fort Point Marine Drive Presidio	UST, SQG	One 2,000- and one 1,000-gallon UST formerly registered for diesel and waste oil. SQG record from 1988; no violations found.
9	Christy Construction Corner of Marshall/ Mason St	HAZNET	Listed as generator of contaminated soil from site clean-ups.

Site ID	Site Name/Address	List(s)	Status
10	Dickie Trust 2665 Chestnut St	LUST	Gasoline release affecting soil only reported 1/93; case closed by SFRWQCB 4/93.
11	Barone Property 3054 Lyon St	LUST	Heater fuel release reported 8/96; case closed by SFDPH 11/96.
12	Residential Apartment 2830 Lyon St	LUST	Heater fuel release reported 8/98; case closed by SFDPH 9/98.
13	Beacham Property 2812 Lyon St #14	Cortese	No further information provided.
14	Claremont Realty 755 Marina Blvd	LUST	Heater fuel release affecting soil and groundwater reported 8/97; case closed by SFDPH 11/97.
15	Apartments 3734-3736 Broderick St.	LUST	Heater fuel release reported 9/03; case closed by SFDPH 1/04.
16	Residence 1980 Jefferson St	LUST; HAZNET	Heater fuel release reported 5/98; case closed by SFDPH in 9/98. Listed as generator of unspecified oil-containing waste.
17	Residence 3733 Broderick St	LUST	Heater fuel release affecting groundwater reported 9/97; case closed by SFDPH 2/99.
18	Residence 2375-2377 Bay St	LUST	Heater oil release reported 3/96; case closed by SFDPH 5/96.
19	Residential Building 3333 Broderick St	LUST; HAZNET	Heater fuel release reported 9/97; case closed by SFDPH 11/97. Listed as generator of waste oil and mixed oil.
20	Residence 2699 Filbert St	LUST; HAZNET	Heater fuel release reported 5/96; case closed by SFDPH 5/96. Site listed as generator of oil-containing waste and empty containers.
21	Lindemann Property 2815 Filbert St	LUST	Diesel release affecting soil only reported 8/95; case closed by SFDPH 10/95.
22	ARCO Station #13042 Richardson Avenue	LUST	Gasoline release affecting groundwater reported 5/89; pump and treat remediation in progress under SFDPH oversight. High priority SFDPH site.
23	Exxon 2601 Lombard	LUST; EMI HAZNET	Gasoline release affecting groundwater reported 3/92; case active under SFDPH oversight. Free product removal and soil vapor extraction system installed. High priority SFDPH site. Listed as BAAQMD Emissions Inventory site. Listed as generator of organic liquid mixture, empty containers, and other hazardous wastes.
24	Cresci Property 3239 Broderick St	LUST; HAZNET	Heater fuel release affecting groundwater reported 12/96; case closed by SFDPH 4/97. Listed as generator of waste

Site ID	Site Name/Address	List(s)	Status
			oil and mixed oil.
25	Tina Mondin 675 Marina Blvd	LUST; HAZNET	Heater fuel release reported 10/00; case closed by SFDPH 10/00. Listed as generator of waste oil and mixed oil.
26	Unknown 611 Marina Blvd	LUST	Heater fuel release reported 4/99; case closed by SFDPH 6/99.
27	Pinney Estate 3819 Divisadero St	LUST; HAZNET	Heater fuel release reported 3/98; case closed by SFDPH 9/98. Listed as generator of oil-containing waste.
28	Residence 3731 Divisadero St.	LUST	Heater fuel release affecting soil only reported 7/97; case closed 8/97
29	Labruzzo Property 3701 Divisadero St	LUST	Heater fuel release affecting soil only reported 9/96; case closed by SFDPH 5/97.
30	Baastad Property 2147 Beach St	LUST	Heater fuel release affecting soil only reported 1/93; case closed by SFDPH 4/93.
31	HOA 2101 Beach St	LUST; HAZNET	Heater fuel release affecting groundwater reported 10/96; case closed by SFDPH 1/97. Listed as generator of waste oil and/or mixed oil.
32	Frederick Property 2232 Northpoint St	LUST	Fuel oil/gasoline release reported 8/93; case closed by SFDPH 10/95.
33	Venice Properties 2301 Francisco St	LUST; HAZNET	Heater fuel release affecting soil only reported 2/98; case closed by SFDPH 4/98. Listed as generator of unspecified oil-containing waste.
34	Fine Arts Cleaners 2379 Chestnut St	SQG; HAZNET; EMI; Cleaners	No hazardous waste violations reported. Listed as generator of halogenated organic liquid waste. Listed on BAAQMD Emissions Inventory.

Source: EDR, 2004.

- Notes:
- AWP = State list of known hazardous waste sites targeted for clean-up.
 - Cal-Sites = State list of sites with potential or confirmed hazardous materials releases.
 - CERCLIS = U.S. EPA list of potential hazardous waste sites.
 - Cleaners = Proprietary database of current and former dry-cleaning facilities.
 - Cortese = State list of hazardous materials release sites.
 - EMI = Bay Area Air Quality Management District list of air toxic emissions sources.
 - HAZNET = State list of generators appearing on hazardous waste manifests.
 - LQG = U.S. EPA RCRA-registered large quantity hazardous waste generator.
 - LUST = State, SFRWQCB, or SFDPH list of registered leaking underground storage tank sites.
 - SFDPH = San Francisco County Department of Public Health.
 - SFRWQCB = San Francisco Bay Regional Water Quality Control Board.
 - SLIC = SFRWQCB list of non-UST related groundwater contamination sites.
 - SQG = U.S. EPA RCRA-registered small quantity hazardous waste generator.
 - SWF/LF = State list of active, closed, and inactive landfills and disposal sites.
 - UST = Water Resource Control Board registered underground storage tank list.
- See Figure 5-1 for site locations.
See Appendix D for complete environmental database report.

5.3 SUMMARY OF REGULATORY DATABASE INFORMATION

The potential impact of sites within the Presidio is evaluated in Section 4, Areas of Concern Identified in Previous Investigations, above. Two open LUST sites affecting groundwater, that have not already completed remediation, were identified within the study area. Both sites are located near the southeastern approach to Doyle Drive, in areas where no significant excavation is proposed. The sites were discovered more than ten years ago, and significant investigation and remedial effort have been employed to address the identified contamination. Based on the locations of the LUST cases, it does not appear likely that either of the active LUST cases identified in the regulatory record review would affect any of the proposed project alternatives.

SECTION 6: HAZARDOUS MATERIALS IN BUILDING MATERIALS

The proposed project alternatives will likely require the demolition of several buildings in the project area. Based on the age of the buildings, it is likely that lead-based paint and asbestos-containing materials will be present.

6.1 LEAD-BASED PAINT

Lead oxide and lead chromate were commonly used in paints until 1978, when regulations limited the allowable lead content in paint. Therefore, interior and/or exterior painted surfaces at buildings constructed prior to 1978 have the potential to contain lead-based paint. Lead-based paint surveys have been conducted by the Army at family housing buildings at the Presidio, but none are known to have been completed for buildings likely to be affected by project construction.

Lead is a suspect carcinogen, a known teratogen (i.e., causes birth defects), and a reproductive toxin. Federal and State regulations govern the demolition of structures where lead or material containing lead are present. Regulations pertaining to demolition of structures with lead-based paint are promulgated by the EPA, DTSC, and Housing and Urban Development (HUD). For example, the EPA and DTSC require that lead-based paint equal to or greater than the HUD definition of lead-based paints (greater or equal to 1 milligram per square centimeter (mg/cm^2) or 0.5% lead by weight) be removed prior to demolition if the paint is loose and/or peeling. If the paint is securely adhering to the substrate, the entire material may be disposed of as a demolition debris, which is a non-hazardous waste. Loose and peeling paint must be disposed of as a California and/or Federal hazardous waste if the concentration of lead exceeds applicable waste thresholds. Hazardous wastes must be appropriately managed, labeled, transported and disposed of in accordance with local, State, and Federal requirements by trained workers.

The majority of regulations for the protection of workers involved in lead abatement activities are promulgated by OSHA, DOSH, and California Department of Health Services (29 CFR 1926.62; 8 CCR 532.1; CDHS Training, Certification and Workpractices Rule). Air monitoring, appropriate respiratory protection and other personal protective equipment for workers, methods of compliance (e.g., engineering and work practices), and other requirements would apply, depending on the extent of a worker's potential exposure to lead. Appropriate modifications to demolition activities would be required if airborne lead levels exceed the current Federal OSHA action level of 30 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) (calculated as an eight-hour, time-weighted average).

Federal and State regulations govern the demolition or renovation of structures where lead or materials containing lead are present. All loose or peeling lead-based paint would require removal prior to demolition. Federal, State, and local regulations require the removal and proper disposal of asbestos or suspect asbestos-containing materials prior to demolition. All lead-based paint removal activities must be conducted by trained workers under direction of an appropriate health and safety plan to minimize potential exposure. Following removal and demolition of these structures, there would be no potential exposure by workers or the surrounding public to hazardous building materials.

6.2 ASBESTOS-CONTAINING MATERIALS

Asbestos was commonly used in construction materials until the 1980s, when its use was phased out. Therefore, building materials manufactured prior to the 1980s have the potential to contain asbestos fibers, which could be released during demolition activities. A base-wide asbestos survey was performed for the Army by Versar Consultants in 1989. Identified materials containing friable asbestos (asbestos that can be released by hand pressure) were abated by the Army, but most materials containing non-friable asbestos were left in-place. Caltrans estimated that 80 percent of the buildings adjacent to Doyle Drive contained asbestos (Caltrans, 1993).

Asbestos is a known human carcinogen. Federal, State, and local requirements also govern the removal of asbestos or suspected asbestos-containing materials, including the demolition of structures where asbestos is present. These requirements are promulgated by EPA, OSHA, DOSH, DTSC, and BAAQMD. All friable asbestos-containing materials (ACM), or non-friable ACM subject to damage, must be abated prior to demolition in accordance with BAAQMD requirements. Friable ACM must be disposed of as an asbestos waste at an approved disposal facility. Non-friable ACM may be disposed of as non-hazardous waste at landfills that are permitted to accept such wastes. ACM wastes must be packaged, labeled, manifested, transported, and disposed of in accordance with local, State, and Federal regulations.

Workers conducting asbestos abatement must be trained in accordance with the DOSH and Federal OSHA Construction Standards and have appropriate Asbestos Hazardous Emergency Response Act (AHERA) training, as applicable, based on the abatement job. Appropriate containment, work practices, engineering controls, air monitoring, respiratory protection and other personal protective equipment for workers, hazard communication and other requirements may apply under these regulations (29 CFR 1926.1101; 40 CFR 61 and 152; 8 CCR 1529; BAAQMD Regulation 11, Rule 2).

Federal and State regulations govern the demolition or renovation of structures where lead or materials containing lead are present. All loose or peeling lead-based paint would require removal prior to demolition. Federal, State, and local regulations require the removal and proper disposal of asbestos or suspect asbestos-containing materials prior to demolition. All asbestos removal activities must be conducted by trained workers under direction of an appropriate health and safety plan to minimize potential exposure. Following removal and demolition of these structures, there would be no potential exposure by workers or the surrounding public to hazardous building materials.

SECTION 7: AERIALLY-DEPOSITED LEAD ISSUES

Studies have identified total lead in shallow soils near roadways attributed to the use of lead in gasoline, which was phased out beginning in the mid-1970s (Teichman, et al, 1993). Lead concentrations in shallow soils near roadways are affected by two factors: traffic volumes and wind patterns (Teichman, et al, 1993). Near Interstate 880 in Oakland, which averaged 97,400 vehicles per day in 1970, total lead was identified in shallow soils at an average of 567.7 mg/kg, with a maximum concentration of 2,026.6 mg/kg (Teichman, et al, 1993). This traffic volume is comparable to Doyle Drive, which averages about 91,000 vehicles per day (SCTA, 1996)

Beneath and adjacent to the viaduct portions of Doyle Drive, lead in shallow soils is also present as a result of historic sandblasting of lead-based paint on the viaduct structures during maintenance procedures. Soil samples near the Doyle Drive Viaduct (discussed above under Section 4.10, above) identified lead concentrations exceeding hazardous waste thresholds in six of seven areas. Soils exceeding hazardous waste thresholds would be classified as a hazardous waste, once excavated, and would require special handling and disposal procedures.

The volume of lead-contaminated soils has not been determined, and will depend on the build alternative chosen as well as the reuse thresholds established for the project. In 1996, a preliminary estimate was made that 31,750 tonnes (35,000 tons) of lead-contaminated soils may require off-site disposal during project development (Nolte and Associates, 1996). This estimate was based on extrapolation of previous sampling data within the Caltrans right-of-way, and assumed that all soils exceeding 1,000 mg/kg of total lead and/or 5.0 mg/L of soluble lead would be classified as a California hazardous waste and require off-site disposal in a Class I hazardous waste facility.

On September 22, 2000, DTSC issued a variance to Caltrans, allowing the reuse of some lead-affected soils on freeway construction projects. A modification to the variance was issued on December 13, 2002. The variance is in effect until September 22, 2005, and may be renewed after that time. Under the terms of the variance, Caltrans could reuse soils containing total lead at concentrations up to 1,411 parts per million (ppm, equivalent to mg/kg), if the soils also contain less than 0.5 ppm of soluble lead and are placed beneath at least one foot of non-hazardous soils. Soils with higher concentrations of total and soluble lead (up to 3,397 ppm total lead and up to 50 ppm of soluble lead) could be reused if placed beneath an impervious surface maintained by Caltrans. All lead-affected soils must be placed at least 1.5 meter (five feet) above the maximum groundwater elevation. Several additional restrictions are placed on the reuse of lead-affected soils. When invoking the variance, Caltrans will also be responsible for various notification and reporting requirements. The complete variance and 2002 modification are included as Appendix E of this report.

The project area is considered an environmentally sensitive area designated for residential and recreational uses. In meetings between Caltrans, NPS, and the Trust during 2003, it was established that Caltrans would not reuse lead contaminated soil within the project area, and the reuse criteria established by the Trust would be used during project development. Those criteria are discussed above, under Section 3.4, and are included as Appendix C of this report. However, Caltrans reserves the right to invoke the DTSC variance and transfer lead-contaminated soils from the project site to a Caltrans site outside the GGNRA in accordance with the requirements of the DTSC variance.

SECTION 8: CONCLUSIONS

- Several areas of concern identified in previous investigations may have the potential to affect project construction. These include hexavalent chromium and serpentinite identified in several areas at the Presidio, as well as soils and groundwater affected by releases of metals, petroleum hydrocarbons, and volatile organic compounds. A summary of identified areas of concern potentially affecting project development is included as Table 4-1. Site locations are shown on Figures 4-1 and 4-2.

Sites with soil and/or groundwater contamination that may potentially be encountered during project development include: the Building 669 Area, Sewer Lift Station #1, Building 633 Firing Range, Building Commissary/PX Area, Building 207/231 Area, Building 215 Area, Fill Site 6B, Building 1065 Area, Building 1167 Area, and the Doyle Drive Viaduct site.

Groundwater contamination has been confirmed in the Commissary/PX Area, Building 207/231 Area, Building 215 area, and Building 1065 area. Of these areas, only the Building 207/231 Area is located in a portion of the Presidio where groundwater dewatering may be required during project construction. Project construction will use techniques to minimize the amount of groundwater dewatering; therefore, the limited dewatering performed during construction would not create long-term changes in groundwater flow direction or velocity and would not be expected to significantly affect other areas of groundwater contamination at the Presidio.

- The scopes of previous environmental investigations conducted at the Presidio were based on available historical land use information, such as aerial photographs, and evidence of historical hazardous material use apparent during site inspections. As the Presidio has been used as a military base since 1776 and hazardous material records were not required to be maintained during much of the history of the study area, there is a possibility that hazardous materials may have been used, stored, or disposed of in areas outside of the areas of concern identified during previous environmental investigations. Therefore, there may be a potential for subsurface contamination from hazardous materials to be present in the study area that may not currently be apparent, but could be encountered during construction activities. If present, this contamination could potentially present a health risk to construction workers and future site users.
- Thirty-four sites within the study area that use, store, dispose of, or have released hazardous materials were identified in regulatory agency databases. Except for those areas of concern at the Presidio discussed above, none of these sites would be likely to affect project development.
- Based on the age of study area structures, lead-based paint and/or asbestos-containing building materials may be present in buildings demolished during project development. Shallow soils near buildings with lead-based paint may contain lead above reuse thresholds. Demolition of the buildings could release lead particles and asbestos fibers into the air and pose a health risk to demolition workers and the general public.
- There is a potential for aerially-deposited lead from vehicle exhausts to be present in shallow soils near Doyle Drive. If present, soils near Doyle Drive could be classified as a hazardous waste, once excavated, and special soil management and disposal and/or construction worker health and safety measures may be required during project construction.

SECTION 9: RECOMMENDATIONS

- Prior to project construction, a soil investigation should be performed to determine if metals from vehicle exhausts and viaduct coatings have affected shallow soils near Doyle Drive. Samples should be collected from surface soils (from ground surface to 1.5 meter (5.0 feet) bgs) in areas that will be disturbed during project construction. Soil samples should be analyzed for total lead, total cadmium, and total zinc. Analytical results should be compared to cleanup levels established by the Trust in the Revised FS (Appendix C). Depending on the analytical results, special soil management and disposal procedures may be required, and/or additional construction worker health and safety procedures implemented, during project construction.
- Prior to project construction, geotechnical borings from the site should be reviewed to identify areas of serpentinite bedrock that will be disturbed during project construction. An Asbestos Dust Mitigation Plan should be prepared and submitted to BAAQMD, in accordance with the Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations. The Asbestos Dust Mitigation Plan shall include Best Management Practices (BMPs) to minimize dust during grading and other earthmoving operations. BAAQMD should also be notified at least 14 days prior to construction activities at the site.
- Prior to project construction, a Site Management Program/Contingency Plan (SMP/CP) shall be prepared to address known and potential hazardous material issues during construction. The SMP/CP should include available data from environmental investigations and geotechnical borings from the project area, including areas of serpentinite bedrock that would be disturbed during construction.

The SMP/CP shall include measures to address management of contaminated soil and groundwater from known hazardous materials sites. For soils, the SMP/CP shall include stockpile handling/management procedures, stockpile sampling methodology (including analytical methods, sampling frequency, and statistical analysis), and off-haul and reuse criteria. Reuse criteria will be those criteria developed by the Trust for the Revised FS (Appendix C). For groundwater, the SMP/CP shall describe groundwater storage and discharge requirements, which may include pre-treatment of dewatered groundwater and other permit requirements.

The SMP/CP should include a site-specific Health and Safety Plan (HASP) prepared by a qualified environmental professional. The HASP shall include measures to protect construction workers and the general public by including engineering controls, monitoring, and security measures to prevent unauthorized entry to the construction and to reduce hazards outside the construction area. If prescribed exposure levels were exceeded, personal protective equipment shall be required for workers in accordance with DOSH regulations.

The SMP/CP shall also address the possibility of encountering unknown contamination or buried hazards and include procedures to protect workers and the public. This portion of the SMP/CP shall be similar in scope to the Petroleum Contingency Plan prepared by the Trust, and shall include procedures for addressing both petroleum and non-petroleum contaminants.

The SMP/CP shall also include emergency procedures for accidental releases of hazardous materials used or stored during construction.

- Prior to demolition of buildings for project construction, a lead-based paint survey and asbestos-containing materials survey shall be conducted. Identified lead and asbestos shall be abated in accordance with applicable regulations. Soils near structures potentially affected by lead-based paint shall be investigated and remediated, if warranted, in accordance with the Presidio Lead-based Paint in Soil Plan.
- If groundwater dewatering is required during project construction, a permit from SFRWQCB, PTUD, and/or SFPUC would be required. Permit conditions of approval could potentially include discharge volume limits, discharge mass limits for specific contaminants, and/or pre-treatment of groundwater prior to discharge. Should dewatering be required near Halleck Street prior to the completion of remediation

in the Building 207/231 area, it is likely that a water treatment system will be required to remove organic compounds related to historic releases in that area.

- All construction activities shall be coordinated with the Trust to ensure that project development does not affect on-going investigation and/or remediation of hazardous materials sites. For those sites where Caltrans is not the responsible party (i.e., CERCLA or petroleum contamination sites at the Presidio where the Army has been identified as the responsible party), and avoidance of the site is not possible, Caltrans' policy is to "make every effort to have the owner and/or responsible party investigate and cleanup the contamination prior to acquisition" (Caltrans Project Development Procedures Manual, Chapter 8, Article 1).

SECTION 10: LIMITATIONS

The services BASELINE has performed in connection with this study have been performed in accordance with generally accepted principles and practices applicable to the profession at this time. The data presented were obtained from previous environmental investigation reports, historical land use information, interviews, an environmental database report, and a site reconnaissance. We make no other warranty or representation, expressed or implied, for the work in this report. The conclusions presented in this report are professional opinions based on the indicated data described in this report. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study.

Changes in the conditions of the subject property can occur with time, because of natural processes or the works of man, on the subject sites or on adjacent properties. Our failure to discover hazardous substances through a reasonable and mutually agreed upon limited scope-of-work does not guarantee that hazardous substances do not occur in an area. Similarly, an area which in part is unaffected by hazardous substances at the time of our investigation, may later, due to natural phenomena or human intervention, become contaminated. Changes in applicable standards can also occur as the result of legislation or from the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

SECTION 11: REFERENCES

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Erler & Kalinowski, Inc. (EKI), 2003, Presidio Trust, Revised Feasibility Study Report, Main Installation Sites, Presidio of San Francisco, March.

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Nolte and Associates, 1996, Summary of Hazardous Materials Cleanup, Environmental Impact Mitigation Review, contained in San Francisco Guideway Associates, Technical Appendix, Doyle Drive Intermodal Study, prepared for San Francisco Transportation Authority, November.

Parsons Brinckerhoff, 2004, Draft Revised Preliminary Geotechnical Report, Doyle Drive, prepared for the San Francisco Transportation Authority, July.

Presidio Trust, 1999, Final Corrective Action Plan, Building 637 Area, The Presidio of San Francisco, August.

Presidio Trust, 2004, Contingency Action and Contaminated Soil Management Plan, Presidio of San Francisco, June 17.

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San Francisco Regional Water Quality Control Board (SFRWQCB), 2003, Order No. R2-2003-0080, Revised Site Cleanup Requirements and Rescission of Order No. 91-082 and Order No. 96-070 For the Property Located at the Presidio of San Francisco, City and County of San Francisco.

Teichman, Janis, et al., 1993, A Survey of Lead Contamination in Soil Along Interstate 880, Alameda County, California, American Industrial Hygiene Journal, September.

Treadwell & Rollo, Inc., 2003, Draft Presidio-Wide Lead-Based Paint In Soil Plan, February.

Treadwell & Rollo, Inc., 2004, Remedial Action Plan For Fill Site 6A and Baker Beach Disturbed Areas 3 and 4, March.

U.S. Army, et al., 1997, Evaluation of Remedial Alternatives and Draft Remedial Action Plan (RAP), Directorate of Engineering and Housing (DEH) Study Area, Presidio of San Francisco, January.

U.S. Army, et al., 1998, Final Remedial Action Plan, Crissy Field Area, Presidio of San Francisco, April.

APPENDIX A CALTRANS ISA CHECKLIST



Initial Site Assessment (ISA) Checklist

Project Information

District 4 County San Francisco Route Doyle Drive (Hwy 101) Post Mile 8.3/9.4 EA N/A

Description The project includes several alternatives for widening or replacing Doyle Drive, a one and one-half mile roadway. Alternatives include widening the roadway in-place, building a replacement roadway in the existing right-of-way, and building a replacement roadway parallel to and north of the existing roadway. Several options for tunnels and access roads are also being considered. Refer to the Final Alternatives Report (Parsons Brinckerhoff, 2001) for complete description of alternatives.

Is the project on the HW Study Minimal-Risk Projects List (HW 1)? No

Project Manager Leroy L. Saage, San Francisco County Transportation Authority phone # (415) 552-4812

Gary Kennerley, Parsons Brinckerhoff

phone # (415) 243-9501

Project Engineer _____

Project Screening

Attach the project location map to this checklist to show location of all known and/or potential HW sites identified. See Figures 4-12 and 4-2 of attached Preliminary Site Investigation (PSI).

1. Project Features: New R/W? X Excavation? X Railroad Involvement?

Structure demolition/modification? X Subsurface utility relocation? X

2. Project Setting Located at the Presidio, in northwestern San Francisco, California.

Rural or Urban Urban

Current land uses Six-lane highway.

Adjacent land uses Recreational, office, commercial

(industrial, light industry, commercial, agricultural, residential, etc.)

3. Check federal, State, and local environmental and health regulatory agency records as necessary, to see if any known hazardous waste site is in or near the project area. If a known site is identified, show its location on the attached map and attach additional sheets, as needed, to provide pertinent information for the proposed project. See Tables 5-1 and 5-2, Figure 5-1, and discussion in Section 5 of attached PSI.

4. Conduct Field Inspection. Date 20 July 2004 Use the attached map to locate potential or known HW sites. No additional potential hazardous waste sites were identified during the field inspection. See Figures 4-1, 4-2, and 5-1 of attached PSI for identified potential hazardous waste sites.

STORAGE STRUCTURES / PIPELINES:

Underground tanks None at project alignment Surface tanks None at project alignment

Sumps None Ponds None

Drums None Basins None

Transformers None Landfill None

Other None

Initial Site Assessment (ISA) Checklist

(continued)

CONTAMINATION: (spills, leaks, illegal dumping, etc.)

Surface staining Minor oil stains on roadway surface Oil sheen None

Odors None Vegetation damage None

Other None

HAZARDOUS MATERIALS: (asbestos, lead, etc.)

Buildings Several potentially affected Spray-on fireproofing None observed

Pipe wrap None observed Friable tile None observed

Acoustical plaster None observed Serpentine Yes (bedrock)

Paint Yes Other N/A

5. Additional record search, as necessary, of subsequent land uses that could have resulted in a hazardous waste site. Use the attached map to show the location of potential hazardous waste sites.
See discussion of areas of concern in Section 4 of attached PSI

6. Other comments and/or observations:
See discussion of conclusions and recommendations in Sections 8 and 9 of attached PSI

ISA Determination

Does the project have potential hazardous waste involvement? Yes If there is known or potential hazardous waste involvement, is additional ISA work needed before task orders can be prepared for the Investigation? No
See Section 9 of attached PSI for discussion of potential impacts and recommended additional actions to address known and potential hazardous materials involvement.

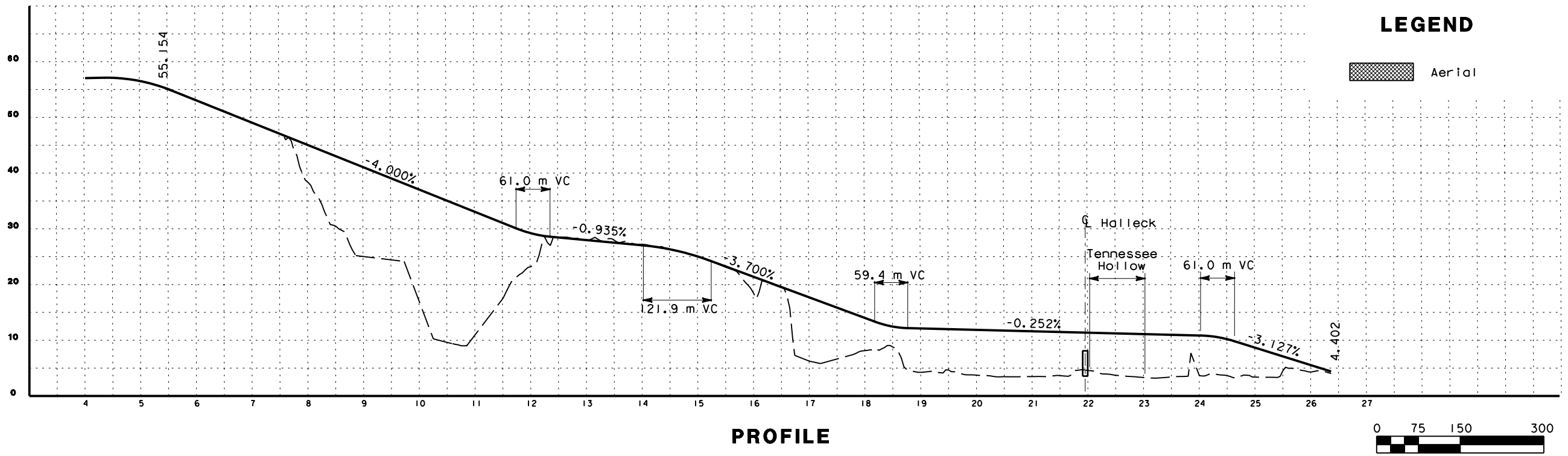
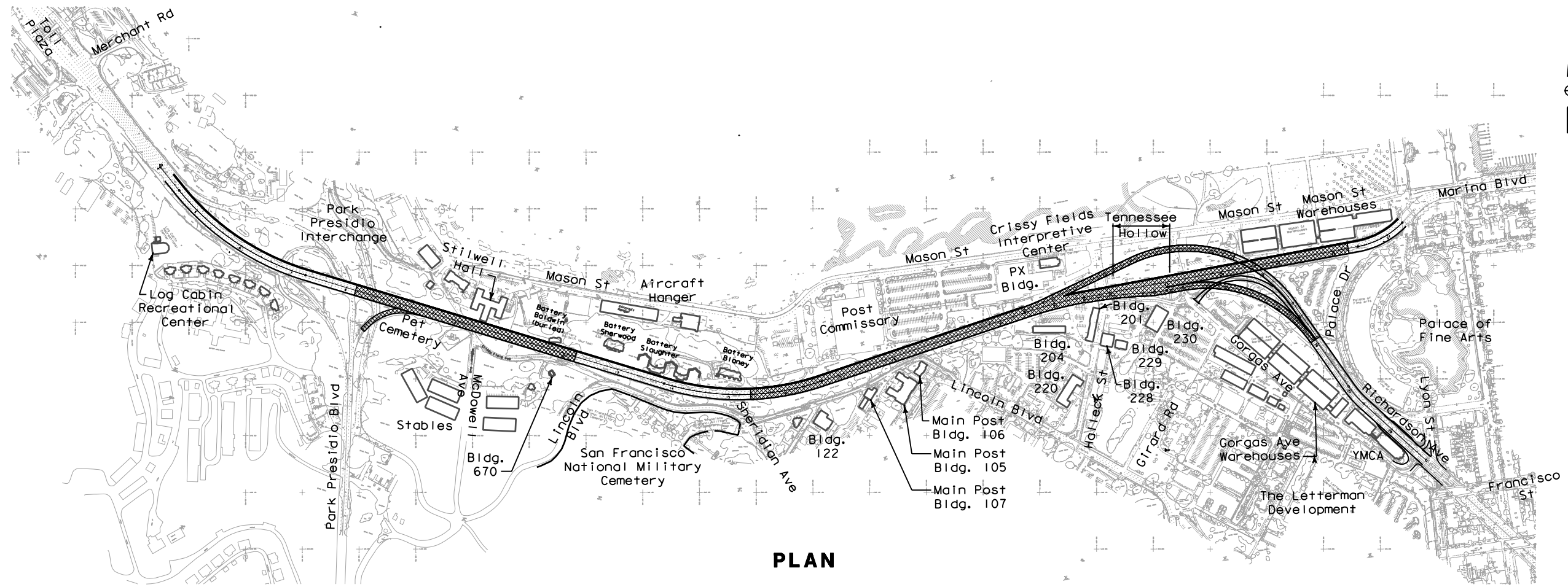
A brief memo should be prepared to transmit the ISA conclusions to the Project Manager and Project Engineer.

ISA Conducted by Yane Nordhav, RG, and Todd Taylor, REA, BASELINE **Date** 27 July 2004

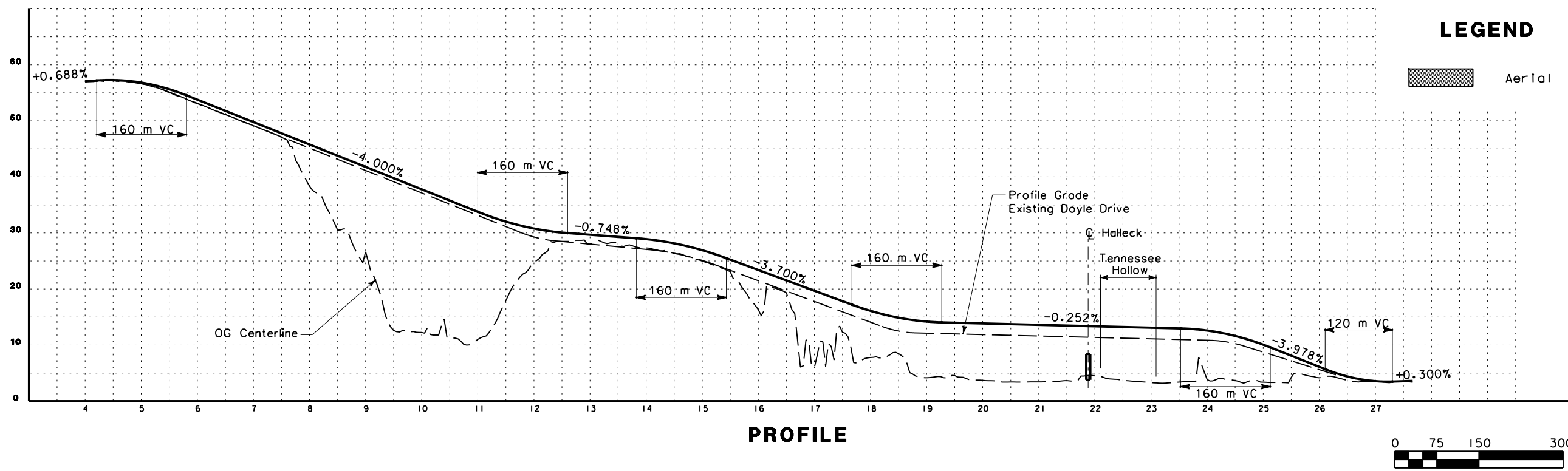
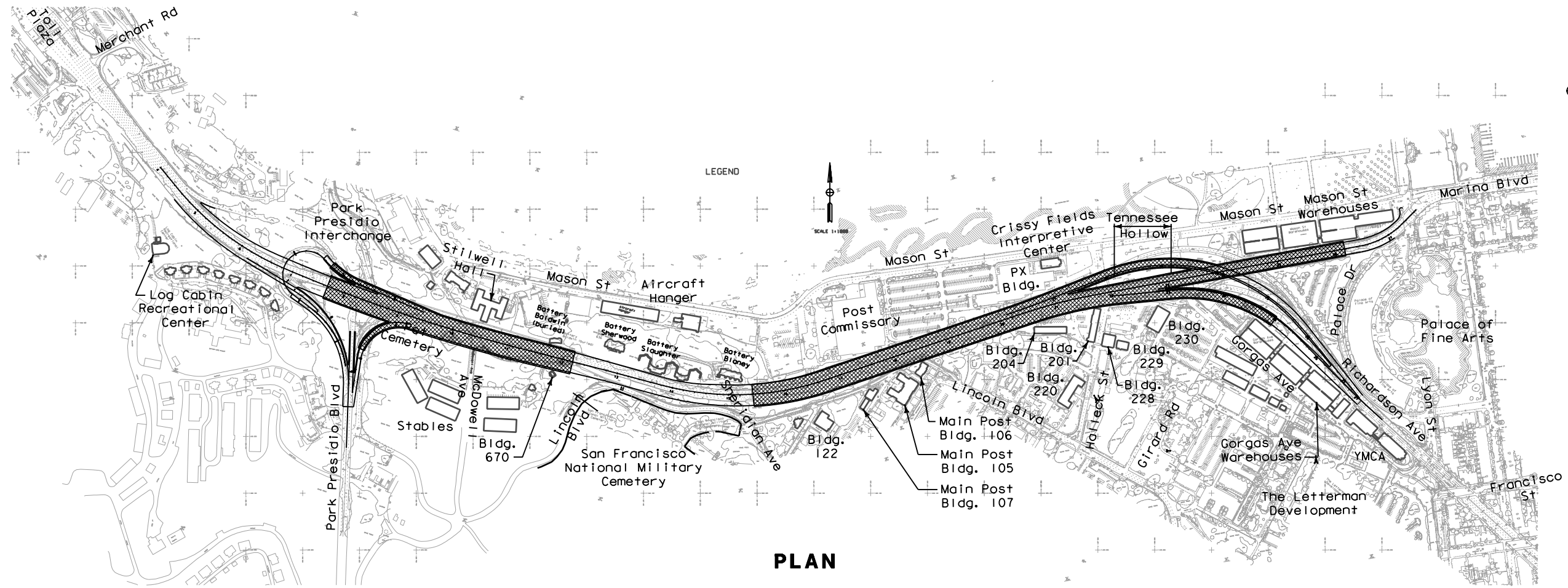
APPENDIX B

PROJECT ALTERNATIVE GRAPHICS

1. No Build

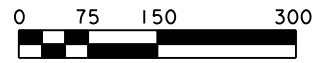


2. Replace and Widen - No Detour

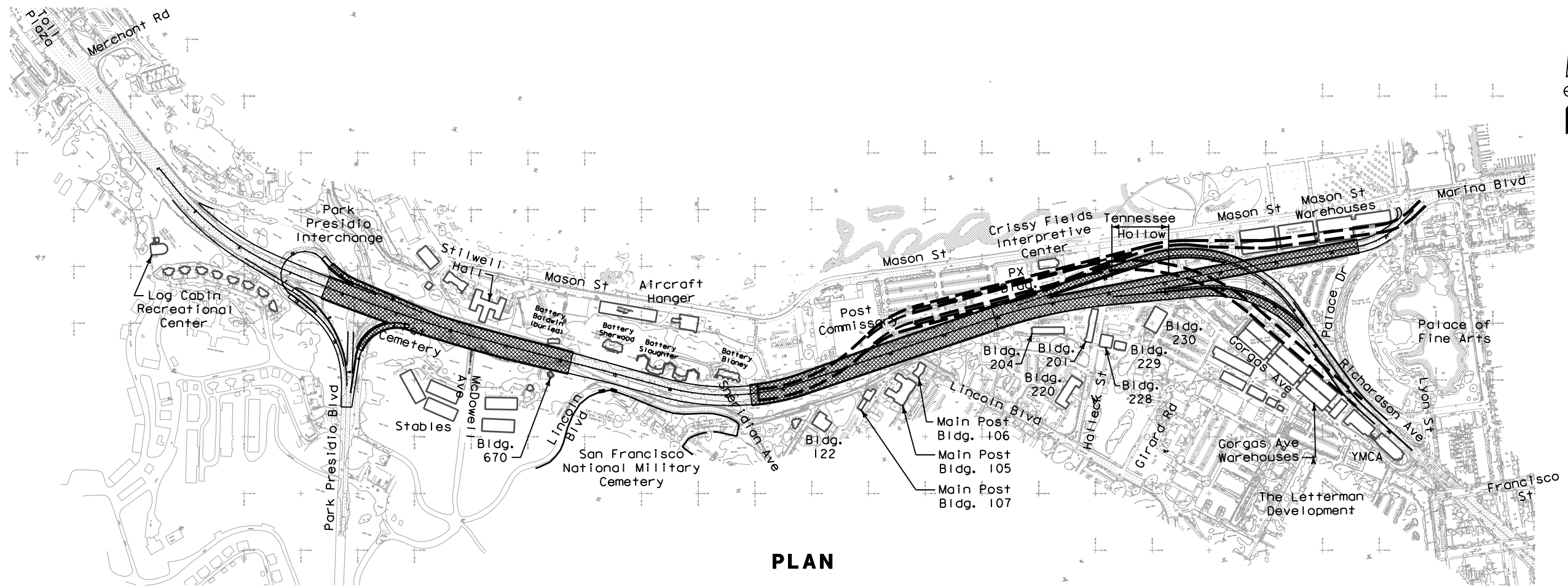


LEGEND

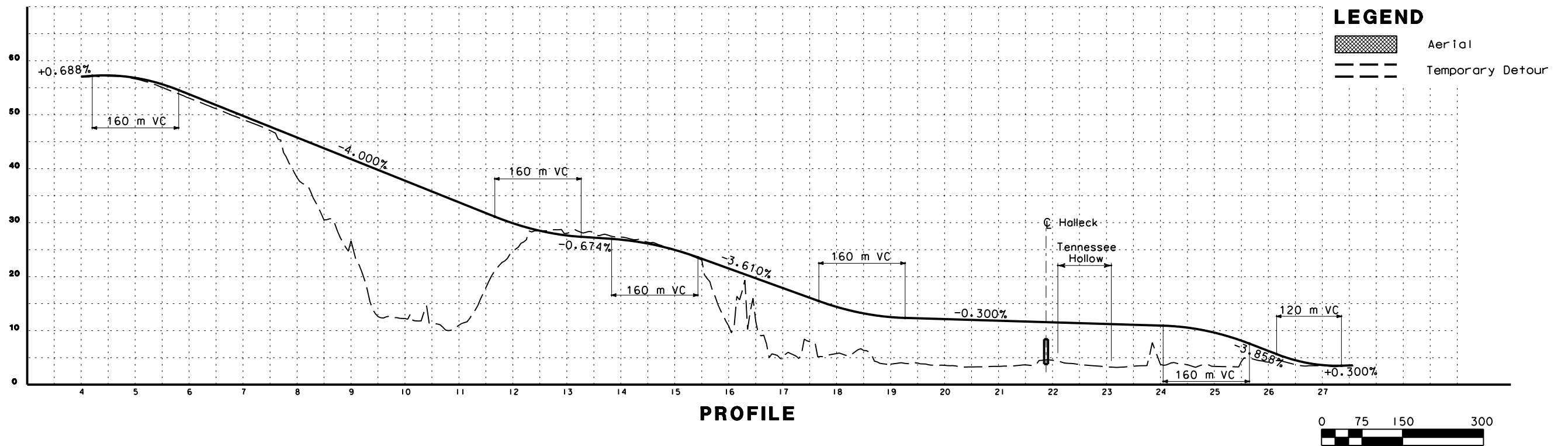
Aerial



2. Replace and Widen - With Detour



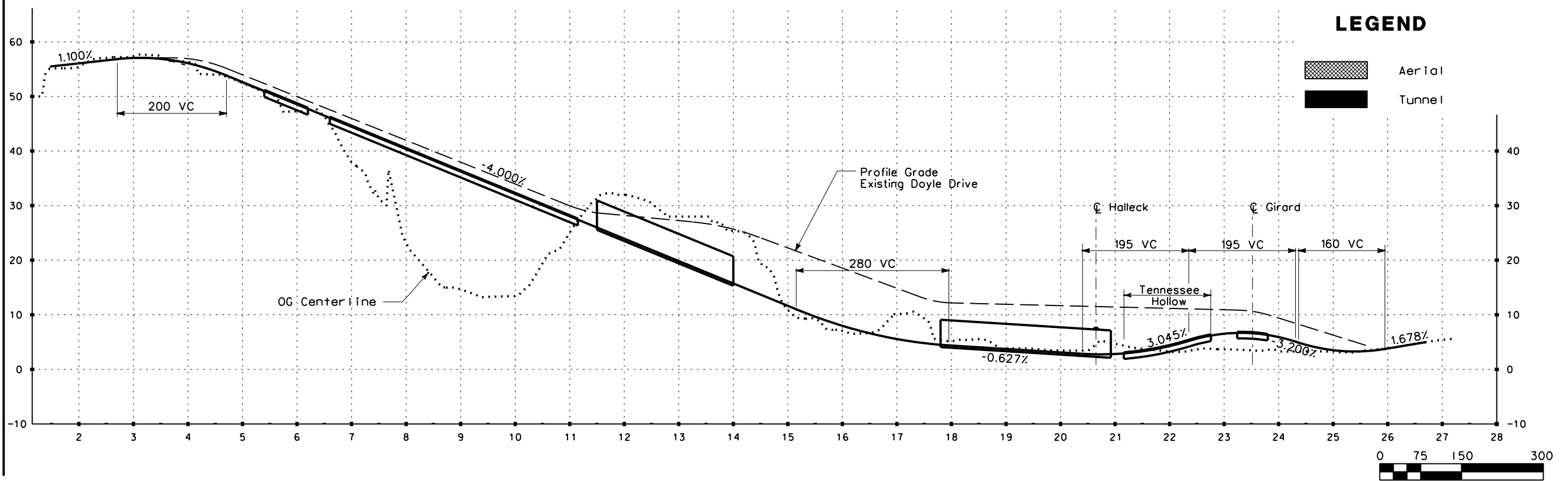
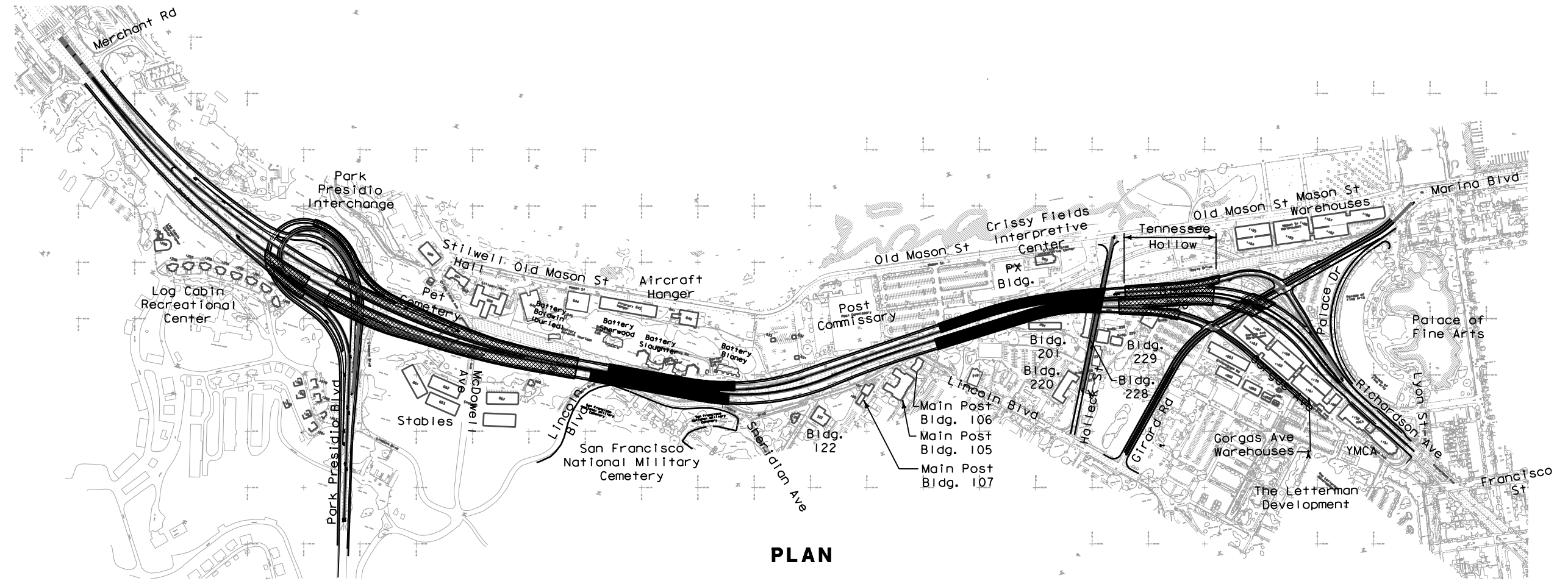
PLAN

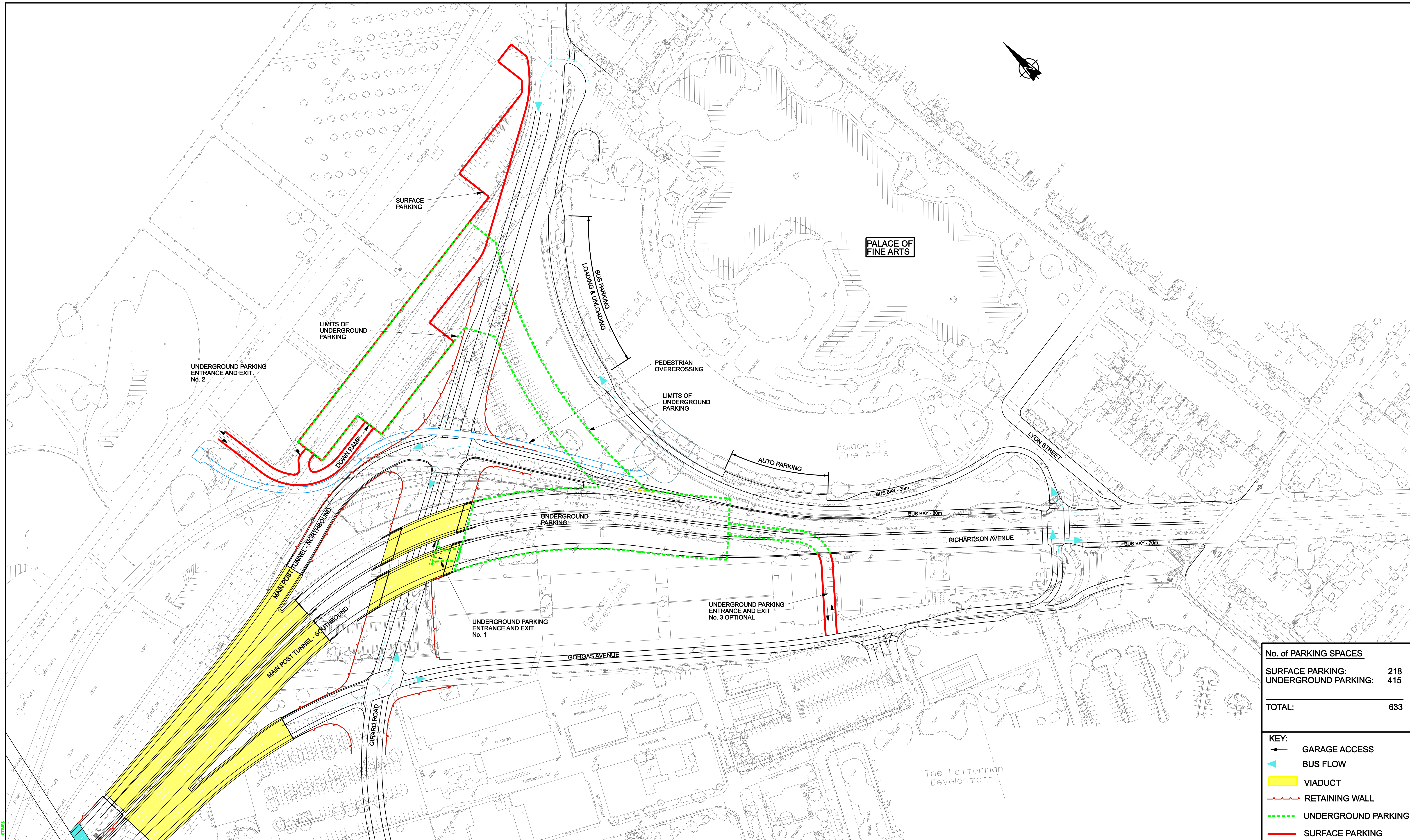


PROFILE



5. Presidio Parkway

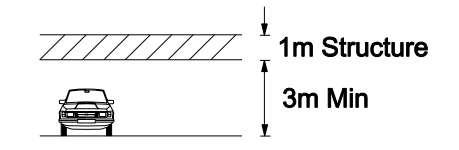




No. of PARKING SPACES	
SURFACE PARKING:	218
UNDERGROUND PARKING:	415
TOTAL:	633

KEY:	
	GARAGE ACCESS
	BUS FLOW
	VIADUCT
	RETAINING WALL
	UNDERGROUND PARKING
	SURFACE PARKING

NOTES:
 1. AUTO PARKING ESTIMATE IS BASED ON THE GUIDELINE OF 32.5 m² per VEHICLE.
 2. VEHICLE CLEARANCE:

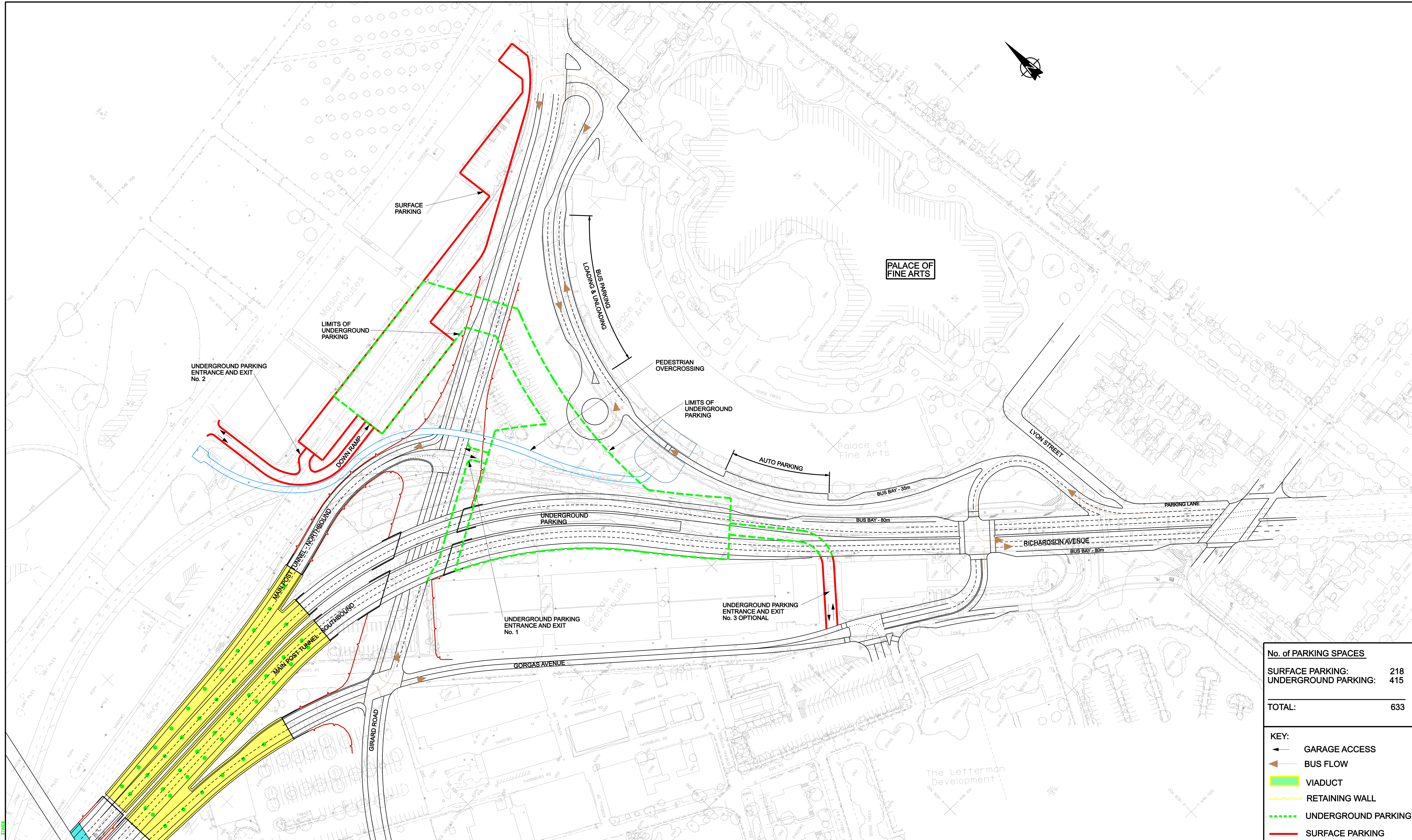


Issue	Date	By	Chkd	Appd

Job Title
**ALTERNATIVE 5
 PRESIDIO PARKWAY**

Drawing Title
**LAYOUT PLAN
 DIAMOND OPTION
 EAST END
 PARKING & CIRCULATION**

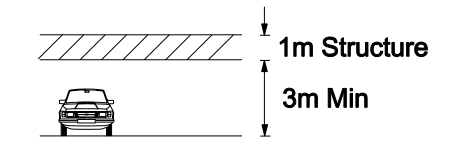
Scale:	1:1000
File Name	SFSK-052.DGN
Drawing Status	DRAFT
Job No	130168-00
Drawing No	SFSK-052
Issue	-



No. of PARKING SPACES	
SURFACE PARKING:	218
UNDERGROUND PARKING:	415
TOTAL:	633

KEY:	
	GARAGE ACCESS
	BUS FLOW
	VIADUCT
	RETAINING WALL
	UNDERGROUND PARKING
	SURFACE PARKING

NOTES:
 1. AUTO PARKING ESTIMATE IS BASED ON THE GUIDELINE OF 32.5 m² per VEHICLE.
 2. VEHICLE CLEARANCE:

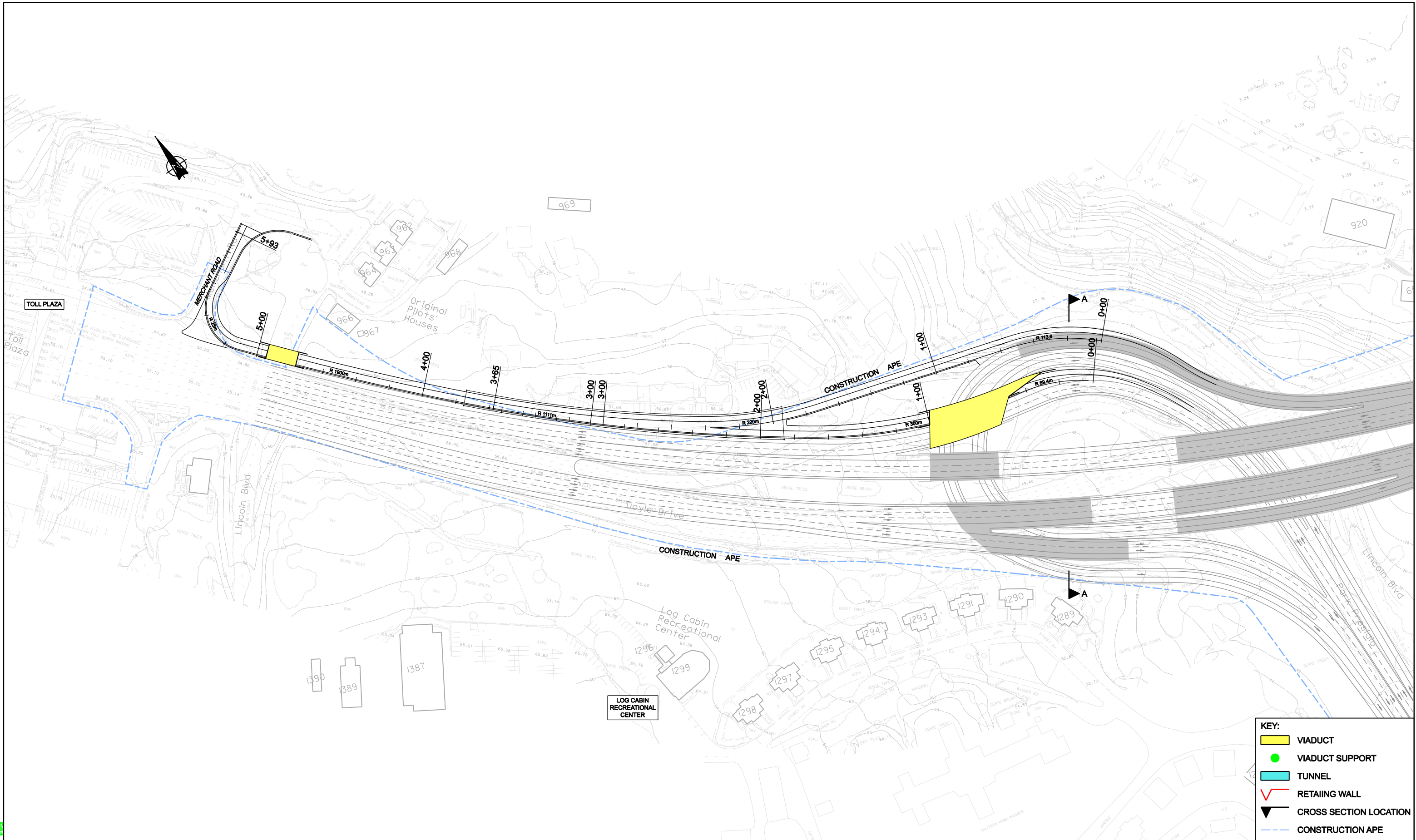


Issue	Date	By	Chkd	Appd

Job Title
**ALTERNATIVE 5
 PRESIDIO PARKWAY**

Drawing Title
**LAYOUT PLAN
 CIRCLE DRIVE
 EAST END
 PARKING & CIRCULATION**

Scale:	1:1000
File Name:	SFSK-051.DGN
Drawing Status:	DRAFT
Job No:	130168-00
Drawing No:	SFSK-051
Issue:	-



KEY:

- VIADUCT
- VIADUCT SUPPORT
- TUNNEL
- RETAINING WALL
- CROSS SECTION LOCATION
- CONSTRUCTION APE

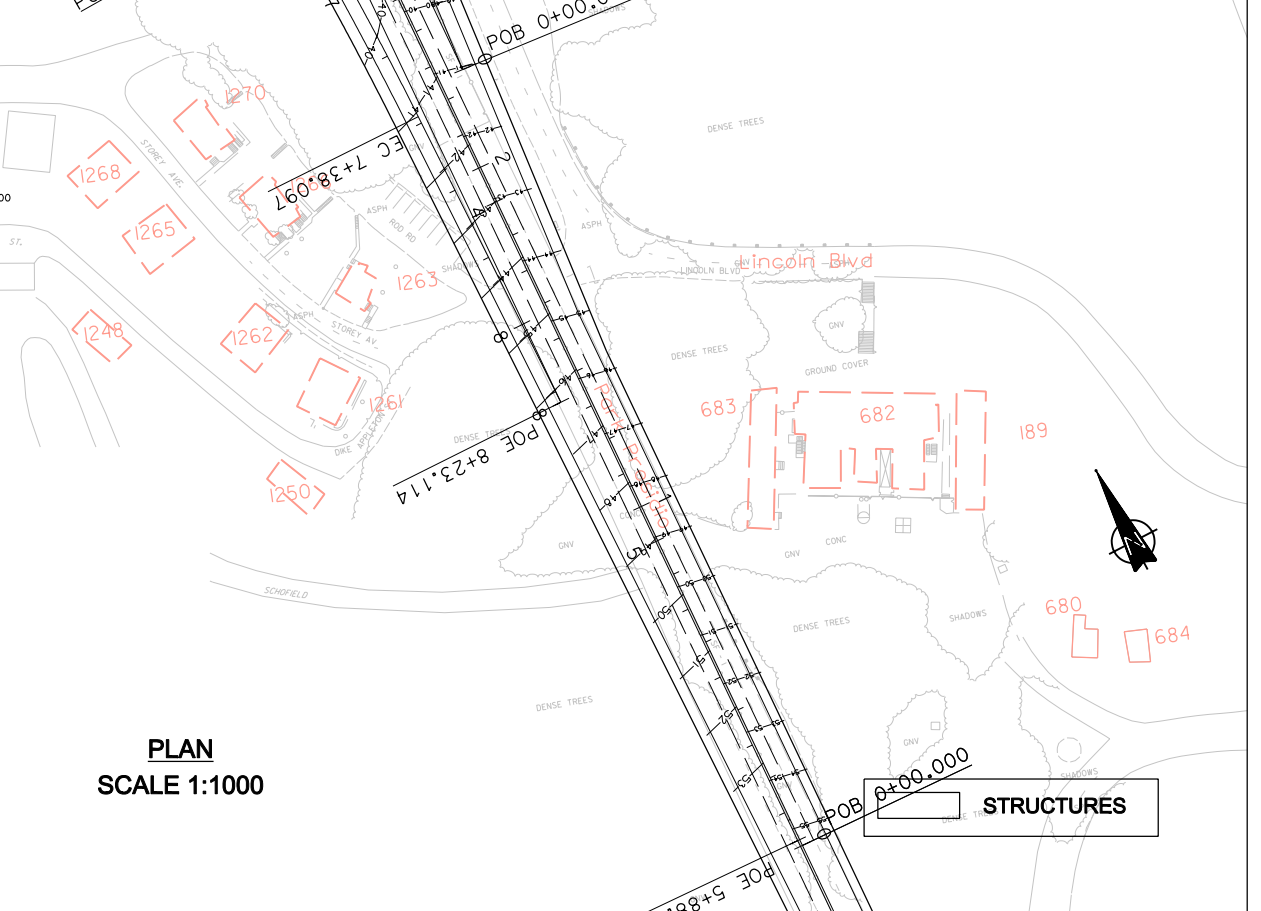
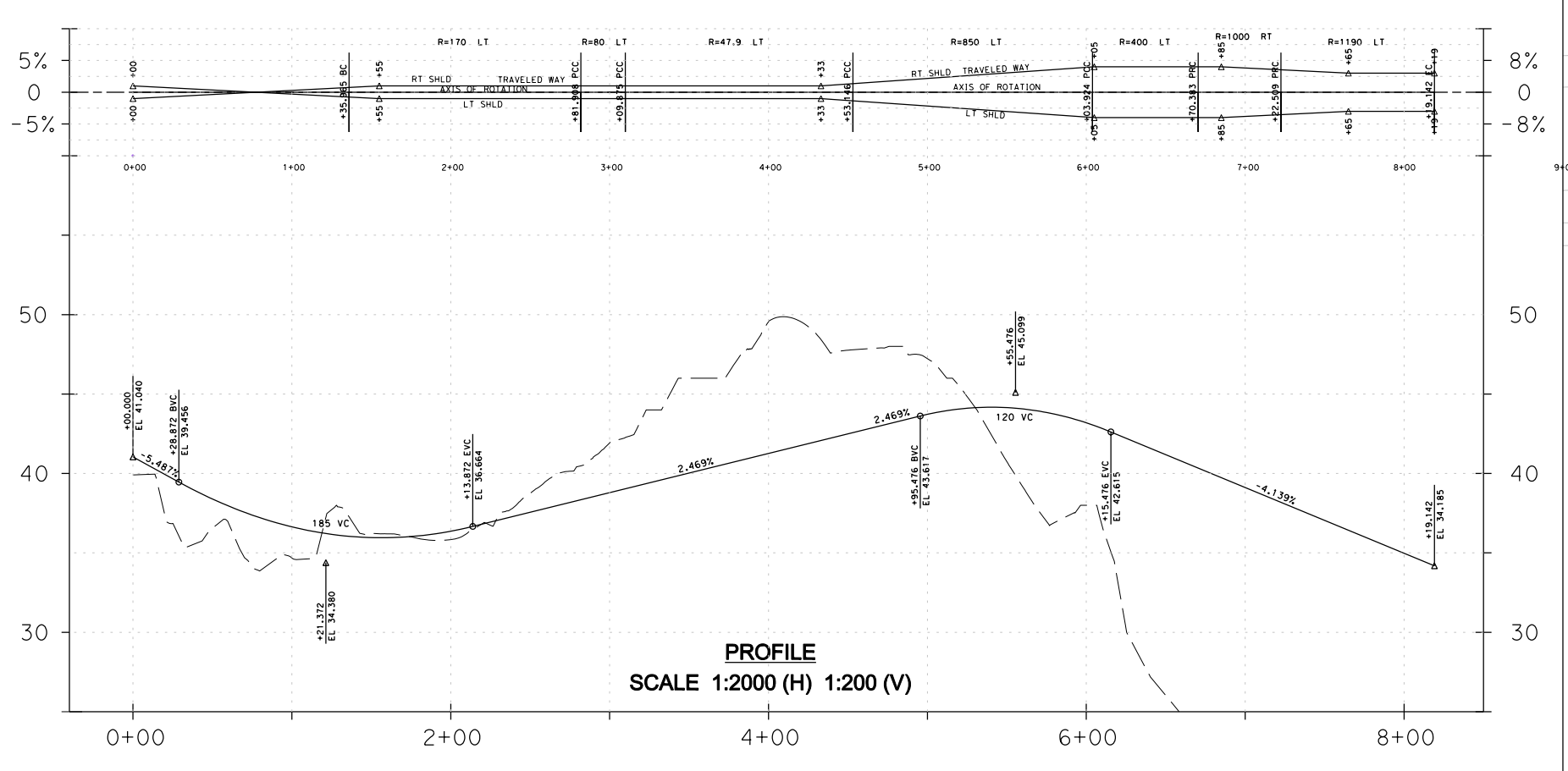
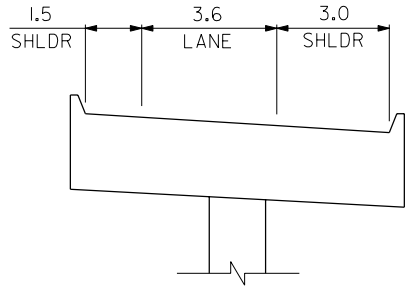
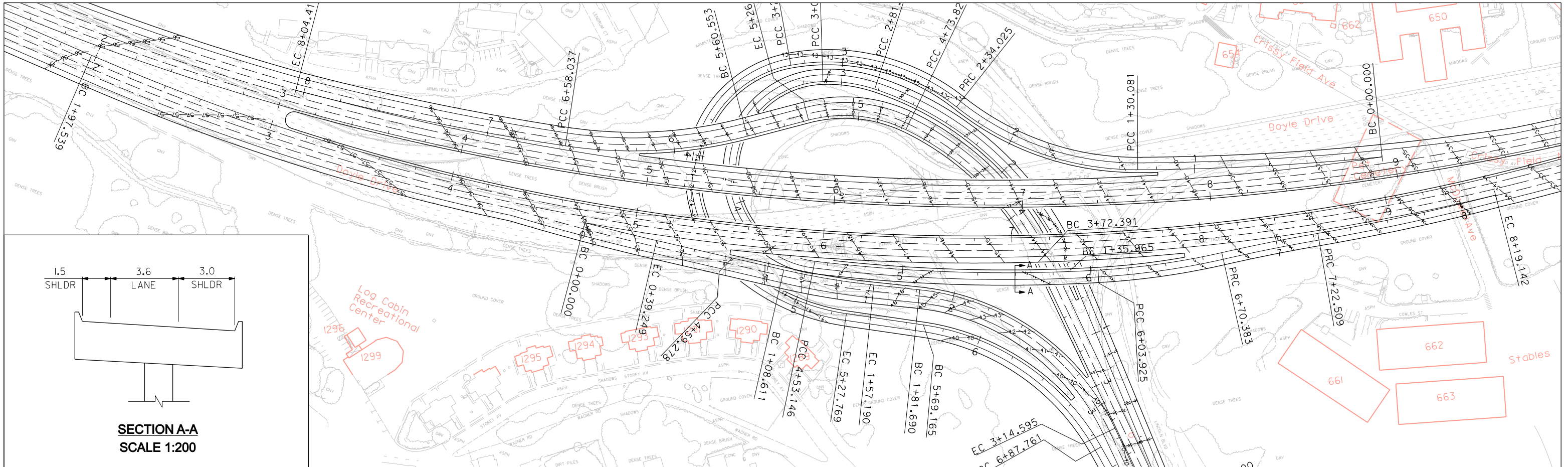


Issue	Date	By	Chkd	Appd

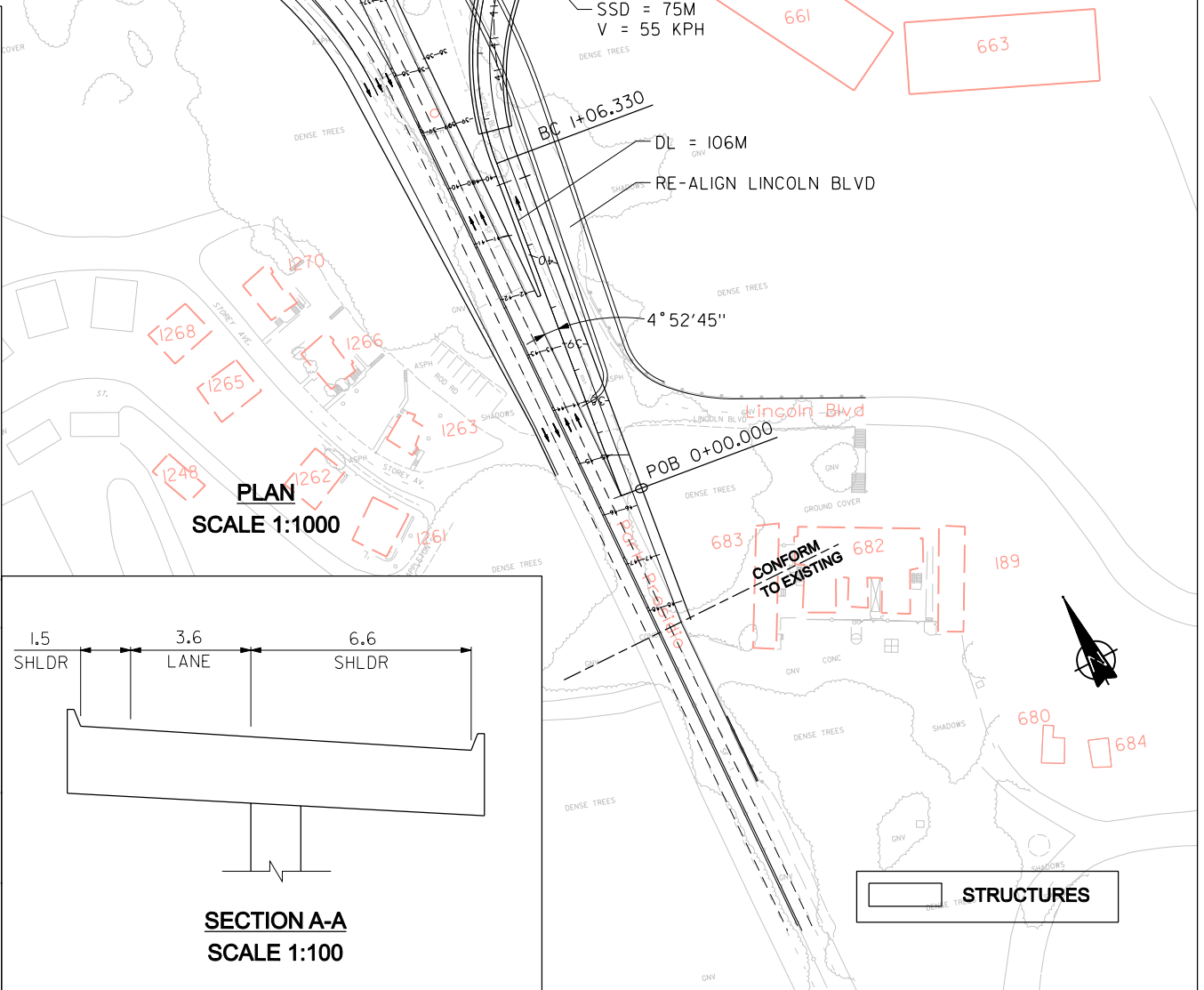
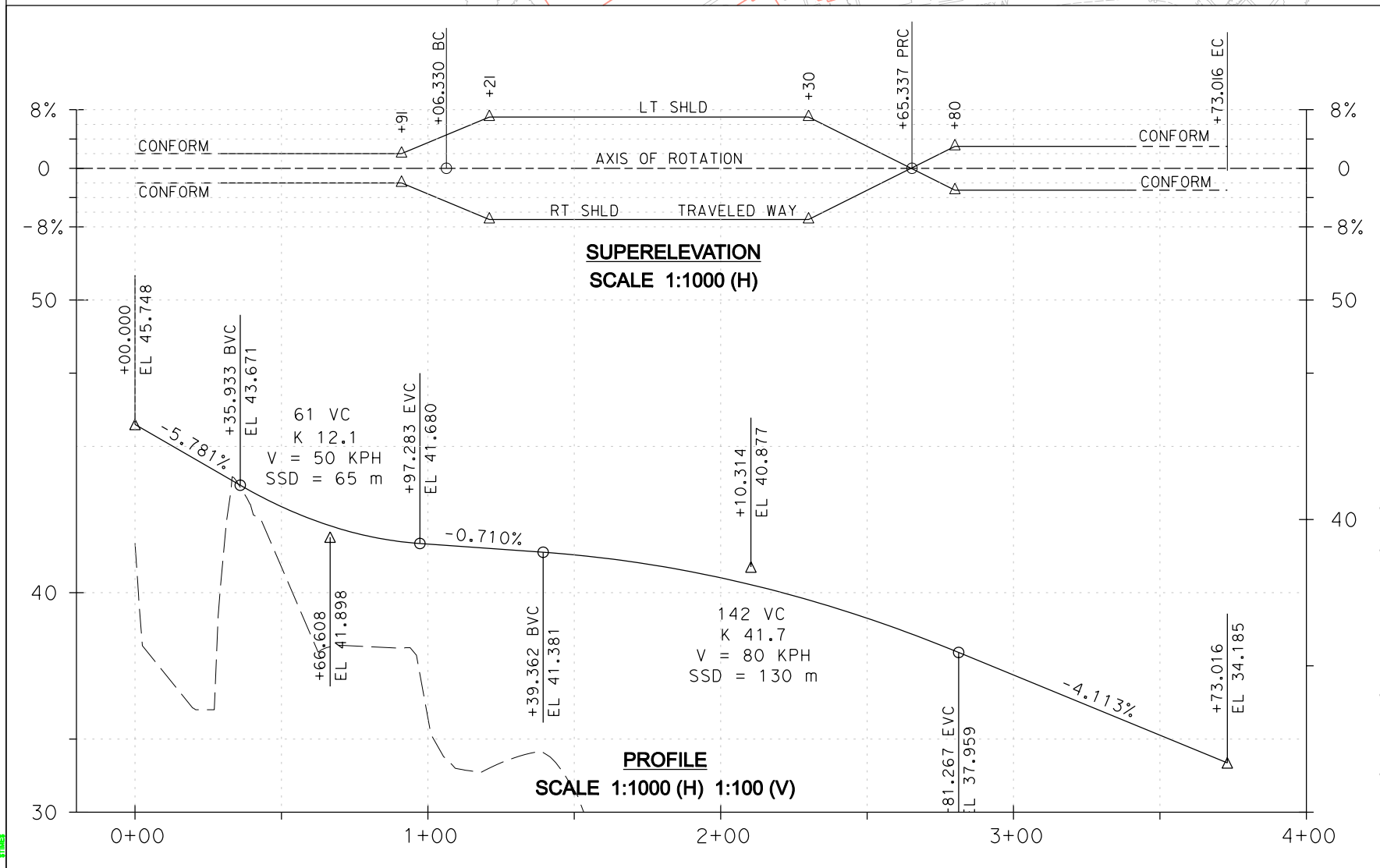
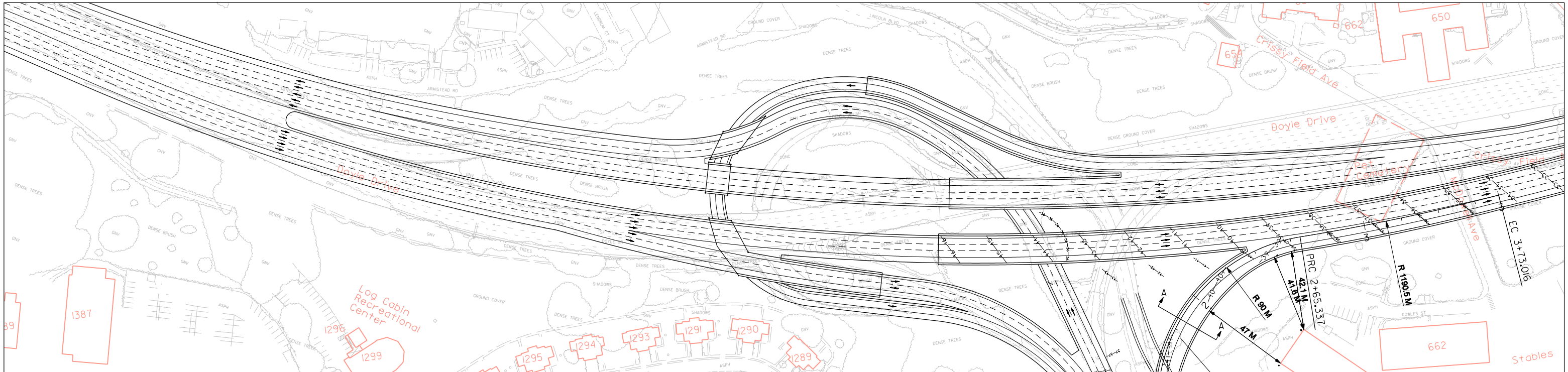
Job Title
**ALTERNATIVE 5
 PRESIDIO PARKWAY**

Drawing Title
**LAYOUT PLAN
 MERCHANT ROAD OFF-RAMP**

Scale:	1:1000
File Name:	SFSK-M01.DGN
Drawing Status:	DRAFT
Job No:	130168-00
Drawing No:	SFSK-M01
Issue:	-



Drawing Title ALTERNATIVE 5 PRESIDIO PARKWAY					Job Title OPTION 1: LOOP RAMP		Scale: AS SHOWN	
Issue Date By Chd Appl					Drawing Status PRELIMINARY		File Name 130168-00 SFSK-054A	
					Job No 130168-00		Drawing No SFSK-054A	



Job Title ALTERNATIVE 5 PRESIDIO PARKWAY					Drawing Title OPTION 2: HOOK RAMP (WITH GEOMETRIC REFINEMENTS)		Scale: AS SHOWN	
Issue					Drawing Status PERLIMINARY		File Name	
Date					Job No 130168-00		Drawing No SFSK-054	
By					Issue			
Chkd								
Appd								

APPENDIX C
PRESIDIO CLEANUP LEVELS
(FROM REVISED FEASIBILITY STUDY)



0 800 1600
 (Approximate Scale in Feet)

LEGEND

Presidio Planning Area Boundary

Planned Human Land Use (Note 4)

- Planned Residential Use
- Planned Commercial/Recreational Use
- Planned Institutional Use (Educational/Conference)
- Planned Commercial/Industrial Land Use

Appropriate Soil Cleanup Level

- Residential Cleanup Level
- Recreational Cleanup Level
- Commercial/Industrial Cleanup Level

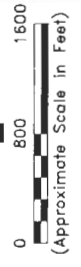
Notes:

1. All locations are approximate.
2. Basemap developed from site plan provided by the Presidio Trust.
3. Designated human land use is based on the National Park Service's Final General Management Plan Amendment ("GMPA"), dated July 1994, and Presidio Trust Management Plan ("TMP"), dated May 2002.
4. Planned human land use is recreational if none of the above patterns are shown.
5. Appropriate cleanup levels are based on the most restrictive human land use defined in the GMPA and TMP.
6. PHSH is the Public Health Service Hospital Planning Area.

Erler & Kainowski, Inc.
 Planned Human Land Use at the Presidio

Presidio Trust
 San Francisco, CA
 March 2003
 EKI_A000003-04
Figure 5-3





LEGEND

Presidio Planning Area
Boundary

Ecological Protection Zones
(Note 3)

Saltwater Ecological Protection Zone

Freshwater Ecological Protection Zone

Appropriate Soil Cleanup Level

Human Health Cleanup Level (Developed Areas Outside Ecological Protection Zones)

Buffer Zone Ecological Cleanup Level (Municipured Open Space Areas)

Special Status Ecological Cleanup Level (See Note 4)

Notes:

1. All locations are approximate.
2. Basemap developed from site plan provided by the Presidio Trust.
3. Ecological Protection Zones are defined in California Regional Water Quality Control Board, Order No. 96-070, dated 15 May 1996.
4. Special Status Ecological Areas include Native Plant Community Zones, Historic Forest Zones, and Special Management Zones identified in the Vegetation Management Plan and Environmental Assessment, NPS and Presidio Trust, May 2001.
5. PHSH is the Public Health Service Hospital Planning Area.
6. Special status ecological cleanup goals were also applied to Battery Howe Wagner and Landfill E because these sites have habitats that are or may be suitable for special status species such as raptors (Ri, 1991).

Erler & Kainowski, Inc.

Planned Ecological Land Use at the Presidio



Presidio Trust
San Francisco, CA
March 2003
EKI A00003.04
Figure 5-4

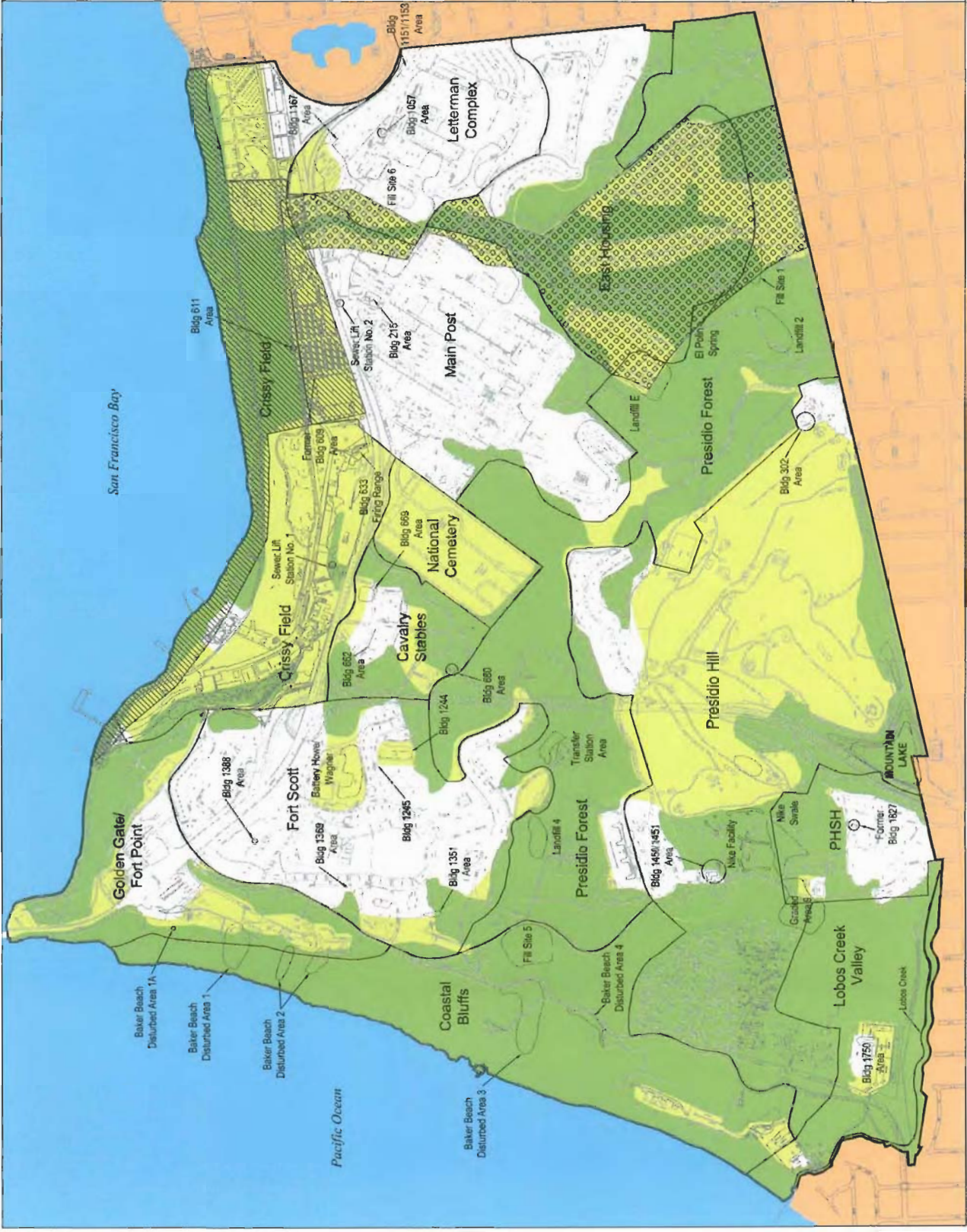


TABLE 5-1
SUMMARY OF CLEANUP LEVELS APPLICABLE TO MAIN INSTALLATION SITES

Presidio of San Francisco, California

Site	Planned Human Land Use (a)	Are Special Status Species Present? (b)	Predominant Lithologies (c)	Soil and Sediment Cleanup Levels			Surface Water, Seep, and Groundwater Cleanup Levels (f)
				Non-Petroleum Compounds (d)	Petroleum Hydrocarbons and Constituents (e)		
Main Post:							
● Building 215 Area	Commercial/Recreational	- (g)	Colma	REC	REC, DW>5		DW, MW, SW
● Sewer Lift Station No. 2	Commercial/Recreational	No	Colma	REC	REC, CF>5		DW, MW, SW
● Former Building 609 Area	Commercial/Recreational	No	Colma	REC, ECO-Buffer Zone	REC, ECO, CF<5		DW, SW
Fort Scott:							
● Battery Howe/Wagner	Residential	Yes	Colma, Serpentinite	RES, ECO-SS	RES, ECO, DW>5		DW, FW
● Building 1244	Residential	No	Serpentinite	RES, ECO-Buffer Zone	RES, ECO, DW>5		DW
● Building 1245	Residential	-	Serpentinite	RES	RES, ECO, DW>5		DW
● Building 1351 Area	Commercial/Recreational	No	Beach/Dune	REC, ECO-Buffer Zone	REC, ECO, DW>5		DW
● Building 1369 Area	Commercial/Recreational	No	Serpentinite	REC	REC, DW>5		DW
● Building 1388 Area	Commercial/Recreational	No	Beach/Dune	REC	REC, DW>5		DW
Letterman Complex:							
● Fill Site 6	Institutional (h)	-	Colma	(i) ●ECO-SS: RES, ECO-SS ●ECO-Buffer Zone: RES, ECO-Buffer Zone ●Non-ECO: RES	REC, DW<5		DW, SW
● Building 1057 Area	Commercial/Recreational	-	Beach/Dune	REC	REC, DW<5		DW
● Building 1151/1153 Area	Commercial/Recreational	No	Beach/Dune	REC	REC, DW>5		DW
● Building 1167 Area	Commercial/Recreational	No	Beach/Dune	REC	REC, DW<5		DW

**TABLE 5-1
SUMMARY OF CLEANUP LEVELS APPLICABLE TO MAIN INSTALLATION SITES**

Presidio of San Francisco, California

Site	Planned Human Land Use (a)	Are Special Status Species Present? (b)	Predominant Lithologies (c)	Soil and Sediment Cleanup Levels		Surface Water, Seep, and Groundwater Cleanup Levels (f)
				Non-Petroleum Compounds (d)	Petroleum Hydrocarbons and Constituents (e)	
Calvary Stables:						
● Building 662 Area	Commercial/Recreational	No	Beach/Dune	REC	REC, DW>5	DW
● Building 669 Area	Commercial/Recreational	No	Beach/Dune	REC, ECO-Buffer Zone	REC, ECO, DW>5	DW
● Building 680 Area	Commercial/Recreational	Yes	Beach/Dune	REC, ECO-SS	REC, ECO, DW>5	DW
East Housing:						
● Landfill E	Institutional	Yes (j)	Colma	RES, ECO-SS	RES, ECO, DW<5	DW, SW (k)
● Fill Site 1	Residential	Yes	Colma	RES, ECO-SS	RES, ECO, DW>5	DW, SW (l)
● El Polin Spring	Recreational	No	Colma	REC, ECO-Buffer Zone	RES, ECO, DW<5	DW, SW
Crissy Field:						
● Sewer Lift Station No. 1	Commercial/Recreational	No	Beach/Dune	REC, ECO-Buffer Zone	REC, ECO, CF>5	DW
● Building 611 Area	Commercial/Recreational	No	Beach/Dune	REC, ECO-Buffer Zone	REC, ECO, CF>5	DW, MW
● Building 633 Firing Range	Recreational	No	Beach/Dune	REC, ECO-Buffer Zone	REC, ECO, DW>5	DW, MW
Presidio Hill:						
● Graded Area 9	Recreational	Yes	Beach/Dune	REC, ECO-SS	REC, ECO, DW>5	DW _{LC} , SW
● Mountain Lake	None	Yes	Colma	FWSED-SS	FWSED	DW, SW
● Nike Facility	Recreational	No	Beach/Dune	REC, ECO-SS	REC, ECO, LC>5	DW _{LC} , SW
● Nike Swale	Recreational	Yes	Beach/Dune	REC, ECO-SS, ECOSED-SS	REC, FWSED, ECO	FW

**TABLE 5-1
SUMMARY OF CLEANUP LEVELS APPLICABLE TO MAIN INSTALLATION SITES**

Presidio of San Francisco, California

Site	Planned Human Land Use (a)	Are Special Status Species Present? (b)	Predominant Lithologies (c)	Soil and Sediment Cleanup Levels		Surface Water, Seep, and Groundwater Cleanup Levels (f)
				Non-Petroleum Compounds (d)	Petroleum Hydrocarbons and Constituents (e)	
Presidio Hill (contd):						
● Building 302 Area	Commercial/Recreational	No	Serpentinite	REC	REC, DW>5	DW
● Building 1450/1451 Area	Residential	No	Beach/Dune	RES, ECO-Buffer Zone	RES, ECO, LC>5	DW _{LC}
National Cemetery:						
● No Sites Identified						
Presidio Forest:						
● Landfill 2	Recreational	Yes	Colima	REC, ECO-SS	REC, ECO, DW>5	DW, SW
● Landfill 4	Recreational	Yes	Beach/Dune	REC, ECO-SS	REC, ECO, DW>5	DW
● Transfer Station Area	Recreational	Yes	Beach/Dune	REC, ECO-SS	REC, ECO, DW>5	DW
Lobos Creek Valley:						
● Building 1750 Area	Commercial/Industrial	-	Beach/Dune	REC, ECO-Buffer Zone	REC, ECO, LC>5	DW _{LC} , SW
● Lobos Creek	None	Yes	Colima	FWSED-SS	FWSED	DW _{LC} , SW
Coastal Bluffs:						
● Fill Site 5	Recreational	Yes (j)	Serpentinite	REC, ECO-SS	REC, ECO, DW>5	DW, FW
● Baker Beach Disturbed Area 1A	Recreational	Yes	Serpentinite	REC, ECO-SS	REC, ECO, DW>5	(m)
● Baker Beach Disturbed Area 1	Recreational	Yes	Serpentinite	REC, ECO-SS	REC, ECO, DW>5	FW
● Baker Beach Disturbed Area 2	Recreational	Yes	Serpentinite	REC, ECO-SS	REC, ECO, DW>5	(m)
● Baker Beach Disturbed Area 3	Recreational	Yes	Serpentinite, Beach/Dune	REC, ECO-SS	REC, ECO, DW<5	FW
● Baker Beach Disturbed Area 4	Recreational	Yes	Beach/Dune	REC, ECO-SS	REC, ECO, LC>5	(m)

TABLE 5-1
SUMMARY OF CLEANUP LEVELS APPLICABLE TO MAIN INSTALLATION SITES

Presidio of San Francisco, California

Notes:

- (a) Planned human land use at each Main Installation site is based on descriptions of future land use presented in the Department of the Interior, National Park Service ("NPS") General Management Plan Amendment ("GMPA"), dated July 1994, the Presidio Trust Management Plan ("PTMP") dated May 2002, and as depicted on Figure 5-3.
- (b) Unless otherwise noted, identification of special status species (e.g., rare, or threatened or endangered species) present at each Main Installation site is based on the evaluation summarized in Table 1.5.2-2 of the Department of Army ("Army") *Final Remedial Investigation Report, Presidio Main Installation* ("RI"), dated January 1997, and prepared by Dames & Moore. Sites have been identified as having special status species if they have been observed or are associated with habitat in the area of site.
- (c) Predominant lithologies at each Main Installation site are based upon review of lithologic logs and soil descriptions provided in the Army's RI, and subsequent reports prepared by Montgomery Watson and International Technology Corporation on behalf of the Army. The three primary lithologies or soil types identified at the Presidio are serpentinite, Colma Formation, and beach/dune sand. Refer to the Presidio-Wide Cleanup Level Document for an overview of Presidio geology.
- (d) Refer to Tables 5-2, 5-3, and 5-4 for human health and ecological cleanup level values for non-petroleum compounds in soil and sediment. Figure 5-4 depicts areas of the Presidio where ecological cleanup levels are applicable. Abbreviations concerning applicable cleanup levels for non-petroleum compounds are as follows:

RES	Soil cleanup level to protect human health due to residential exposure.
REC	Soil cleanup level to protect human health due to recreational exposure.
IND	Soil cleanup level to protect human health due to commercial/industrial exposure.
ECO-Buffer Zone	Soil cleanup level to protect buffer zone ecological uses.
ECO-SS	Soil cleanup level to protect special status species.
- (e) Refer to Table 5-5 for cleanup level values for petroleum hydrocarbons and related constituents in soil and sediment. Abbreviations concerning applicable cleanup levels for petroleum compounds are as follows:

RES	Soil cleanup level to protect human health due to residential exposure.
REC	Soil cleanup level to protect human health due to recreational exposure.
MAINT	Soil cleanup level to protect maintenance workers.
ECO	Soil cleanup level to protect ecological uses.
DW<5	Cleanup level for soil less than 5 feet from top of groundwater surface to maintain drinking water standard (i.e., federal or state Maximum Contaminant Level ("MCL") or action level) in groundwater.
DW>5	Cleanup level for soil greater than 5 feet from top of groundwater surface to maintain drinking water standard (i.e., federal or state MCL or action level) in groundwater.

**TABLE 5-1
SUMMARY OF CLEANUP LEVELS APPLICABLE TO MAIN INSTALLATION SITES**

Presidio of San Francisco, California

Notes:

- LC<5
LC>5
- CF<5
CF>5
- FWSED
- (f) Refer to Table 5-6 for cleanup level values for surface water, seeps, and groundwater.
 - SW Cleanup level to protect freshwater aquatic organisms, and humans who may drink the water and consume fish or other organisms inhabiting the surface water body.
 - FW Cleanup level to protect freshwater aquatic organisms only in freshwater seep.
 - MW Cleanup level to protect marine (salt water) aquatic organisms, and humans who may consume fish or other organisms inhabiting the surface water body.
 - DW Cleanup level to protect use of surface water or groundwater as potential drinking water supply.
 - DW_{LC} Cleanup level to protect use of surface water or groundwater as potential drinking water supply within the Lobos Creek Groundwater Basin (special cleanup levels for petroleum hydrocarbons and related constituents).
- (g) Hyphen indicates that the site has not been evaluated for special status species.
- (h) Institutional land use may provide permanent and temporary lodging for tenant employees and their families, visiting scholars, students, and researchers. Accordingly, residential cleanup levels are applied to institutional land use.
- (i) Fill Site 6 is divided into three areas: ecological special status, ecological buffer zone, and non-ecological. The western part of Fill Site 6 (i.e., west of Girard Road) is planned for restoration as a riparian corridor. As such, ecological cleanup levels for protection of special status species are applicable to the portion of Fill Site 6 within the planned riparian corridor. The remainder of the area west of Girard that is coincident with the Freshwater Protection Zone established in the RWQCB Order 96-070 is designated as buffer zone ecological. All other areas of Fill Site 6 are classified as non-ecological.
- (j) NPS representatives indicate that special status species may be present in area near site.
- (k) At Landfill E, applicable groundwater quality cleanup levels for monitoring wells DAEGW06 and DAEGW07 are SW and DW. Applicable groundwater quality cleanup levels for the remaining monitoring wells (DAEGW03, DAEGW04, DAEGW05, and DAEGW08) are DW only.
- (l) At Fill Site 1 applicable groundwater quality cleanup levels for monitoring wells LF1GW01, LF1GW03, LF1GW04, and LF1GW07 are SW and DW. Applicable groundwater quality cleanup levels for the remaining monitoring wells (LF1GW02, LF1GW05, and LF1GW06) are DW only.
- (m) No water resources (i.e., surface water, seeps, or groundwater) have been identified at this Main Installation site. No water cleanup levels have been adopted for the site.

TABLE 5-2
SUMMARY OF SELECTION OF PRELIMINARY REMEDIATION GOALS AND PROPOSED CLEANUP LEVELS FOR NON-PETROLEUM COMPOUNDS IN SOIL
AT THE PRESIDIO OF SAN FRANCISCO (a,b)

Presidio of San Francisco, California

Potential Chemical of Concern	Ecological						Human Health			Lithology				
	Summary of Plant and Soil Fauna PRGs (mg/kg);			Summary of Wildlife PRGs (mg/kg);			Proposed Special Status PRGs (mg/kg); (b)			Proposed Background Metals Concentrations by Lithology (mg/kg); (c)				
	PRG _{low}	PRG _{high}	Arithmetic Mean	PRG _{low}	PRG _{high}	Arithmetic Mean	Proposed Buffer Zone PRGs (mg/kg);	Residential	Recreational	Comm/Ind	Serpentine	Colma	Beach/Dune	Chert/Shale
Inorganic Chemicals														
Antimony	5	5	5	162	490	326	5	5	29	70	760	3.0 ^(DL)	3.0 ^(DL)	3.0 ^(DL)
Arsenic	10	224	117	46	692	369	64	10	0.36	0.88	3.3	5.4 ^(95th)	6.2 ^(UCL95)	5.9 ^(UCL95)
Barium	500	500	500	320	3,200	1,760	500	320	5,000	12,000	130,000	230 ^(95th)	180 ^(UCL95)	120 ^(UCL95)
Beryllium	10	10	10	160	8,000	4,080	10	10	140	350	3,800	1.1 ^(Max)	0.99 ^(UCL95)	0.89 ^(UCL95)
Cadmium	4	100	52	0.017	0.44	0.23	0.23	0.017	1.7	4.2	16	1.9 ^(Max)	0.8 ^(DL)	1.7 ^(Max)
Chromium	5	200	103	4	42	23	23	4	1,200	2,800	11,000	1,700 ^(95th)	140 ^(UCL95)	120 ^(UCL95)
Cobalt	20	75	48	220	3,300	1,760	48	20	4,000	10,000	110,000	170 ^(95th)	21 ^(UCL95)	16 ^(UCL95)
Copper	50	400	225	30	200	115	120	30	1,000	2,500	23,000	85 ^(95th)	49 ^(UCL95)	43 ^(UCL95)
Cyanide	-	-	-	6,298	18,894	12,596	300	160	400	500	3,500	66 ^(95th)	7.5 ^(UCL95)	57 ^(UCL95)
Lead	-	-	-	1.1	52	27	27	1.1	0.0052	0.013	0.11	-	-	-
Tetraethyl Lead	-	-	-	0.038	12	6	1.6	0.4	20	52	570	0.2 ^(DL)	0.2 ^(DL)	0.2 ^(DL)
Mercury	0.3	10	5.15	11.5	582	297	300	12	360	870	9,400	2.0 ^(DL)	2.0 ^(DL)	2.0 ^(DL)
Molybdenum	-	-	-	58	1,440	749	71	30	1,400	3,500	38,000	4,500 ^(95th)	110 ^(UCL95)	70 ^(UCL95)
Nickel	30	500	265	0.20	2	1	1.1	0.2	360	870	9,400	0.5 ^(DL)	0.5 ^(DL)	0.5 ^(DL)
Selenium	1	70	35.5	6	144	75	2	2	360	870	9,400	1.7 ^(Max)	1.0 ^(DL)	1.0 ^(DL)
Silver	2	2	2	0.15	39	20	1	0.15	5.7	14	150	1.0 ^(DL)	1.0 ^(DL)	1.0 ^(DL)
Thallium	1	1	1	2	8	5	5	2	650	1,600	17,000	74 ^(95th)	90 ^(UCL95)	92 ^(UCL95)
Vanadium	2	20	11	4	97	51	50	4	22,000	52,000	570,000	160 ^(95th)	60 ^(UCL95)	66 ^(UCL95)
Zinc	50	864	457	84	2,547	1,316	40	30	2,700	6,600	55,000	-	-	-
Semivolatile Organic Compounds														
Acenaphthene	30	50	40	84	2,547	1,316	40	30	-	-	-	-	-	-
Acenaphthylene	30	50	40	84	2,547	1,316	40	30	-	-	-	-	-	-
Anthracene	30	50	40	84	2,547	1,316	40	30	14,000	33,000	280,000	-	-	-
Benzoanthracene	30	50	40	84	2,547	1,316	40	30	0.27	0.65	2.3	-	-	-
Benzo(a)pyrene	30	50	40	84	2,547	1,316	40	30	0.027	0.065	0.23	-	-	-
Benzo(b)fluoranthene	30	50	40	84	2,547	1,316	40	30	0.27	0.65	2.3	-	-	-
Benzo(k)fluoranthene	30	50	40	84	2,547	1,316	40	30	-	-	-	-	-	-
Benzo(e)pyrene	30	50	40	84	2,547	1,316	40	30	0.27	0.65	2.3	-	-	-
Benzo(a)anthracene	30	50	40	84	2,547	1,316	40	30	14,000	38,000	280,000	-	-	-
Chrysene	30	50	40	84	2,547	1,316	40	30	2.7	6.5	23	-	-	-
Dibenz(a,h)anthracene	30	50	40	84	2,547	1,316	40	30	0.078	0.19	0.67	-	-	-
Dibenzofuran	-	-	-	-	-	-	-	-	91.0	2,200	18,000	-	-	-
Fluoranthene	30	50	40	84	2,547	1,316	40	30	1,800	4,400	37,000	-	-	-
Fluorene	30	50	40	84	2,547	1,316	40	30	1,800	4,400	37,000	-	-	-

**TABLE 5-2
SUMMARY OF SELECTION OF PRELIMINARY REMEDIATION GOALS AND PROPOSED CLEANUP LEVELS FOR NON-PETROLEUM COMPOUNDS IN SOIL
AT THE PRESIDIO OF SAN FRANCISCO (a,b)**

Presidio of San Francisco, California

Potential Chemical of Concern	Summary of Plant and Soil Fauna PRGs (mg/kg);				Ecological Summary of Wildlife PRGs (mg/kg);			Proposed Special Status PRGs (mg/kg); (b)	Human Health			Lithology						
	PRG _{low}	PRG _{high}	Arithmetic Mean		PRG _{low}	PRG _{high}	Arithmetic Mean		Proposed Buffer Zone PRGs (mg/kg);	Proposed PRGs (mg/kg);		Presidio Background Metals Concentrations by Lithology (mg/kg); (c)						
			PRG _{low}	PRG _{high}						Residential	Recreational	Comm/Ind	Serpentine	Colima	Beach/Dune	Chert/Shale		
Semivolatile Organic Compounds																		
Indeno(1,2,3-cd)pyrene	30	50	40	84	2,547	1,316	40	30	0.27	0.65	2.3	-	-	-	-	-	-	-
2-methylnaphthalene	30	50	40	84	2,547	1,316	40	30	-	-	-	-	-	-	-	-	-	-
4-methylphenol (p-Cresol)	50	50	50	11,167	55,782	33,474	50	50	260	640	5,600	-	-	-	-	-	-	-
Naphthalene	30	50	40	84	2,547	1,316	40	30	910	2,200	18,000	-	-	-	-	-	-	-
n-nitrosodiphenylamine	20	109	65	16,981	50,942	33,962	65	20	43	104	380	-	-	-	-	-	-	-
Benzo(a)anthracene	3	4	3.5	22	660	341	3.5	3	5	12	42	-	-	-	-	-	-	-
Phenanthrene	30	50	40	84	2,547	1,316	40	30	-	-	-	-	-	-	-	-	-	-
Phenol	30	188	109	2,547	7,641	5,094	109	30	27,000	76,000	550,000	-	-	-	-	-	-	-
Pyrene	30	50	40	84	2,547	1,316	40	30	1,400	3,300	28,000	-	-	-	-	-	-	-
Volatile Organic Compounds																		
Acetone	-	-	-	8,490	127,356	67,923	68,000	8,500	0.24	0.24	0.24	-	-	-	-	-	-	-
2-butanone (MEK)	-	-	-	4,245	25,471	14,858	15,000	4,200	3.8	3.8	3.8	-	-	-	-	-	-	-
Carbon disulfide	-	-	-	934	28,018	14,476	14,000	934	200	200	200	-	-	-	-	-	-	-
1,4-dichlorobenzene	20	128	74	2,123	12,736	7,429	74	20	0.13	0.39	0.49	-	-	-	-	-	-	-
p-isopropyltoluene (p-cymene)	200	1,000	600	2,207	22,075	12,141	600	200	130	130	130	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	459	34,377	17,418	17,000	459	0.076	0.076	0.076	-	-	-	-	-	-	-
1,2,3-trichlorobenzene	20	115	67.5	-	-	-	68	20	15	15	15	-	-	-	-	-	-	-
1,2,4-trichlorobenzene	20	127	73.5	-	-	-	74	20	15	15	15	-	-	-	-	-	-	-
Trichlorofluoromethane	-	-	-	-	-	-	-	-	40	80	80	-	-	-	-	-	-	-
1,1,1-trichloroethane	-	-	-	9,679	1,451,858	730,768	730,000	9,700	8	8	8	-	-	-	-	-	-	-
PCBs, Pesticides, and Herbicides																		
PCBs (Arochlor 1254)	40	240	140	0.010	0.45	0.23	0.23	0.033 (e)	0.16	0.39	1.0	-	-	-	-	-	-	-
Aldrin	-	-	-	0.0039	0.19	0.1	0.1	0.0039	0.029	0.07	0.26	-	-	-	-	-	-	-
alpha-BHC	-	-	-	0.062	9.8	4.9	2.4	0.062	0.18	0.44	1.6	-	-	-	-	-	-	-
beta-BHC	-	-	-	0.062	9.8	4.9	2.4	0.062	0.32	0.79	2.9	-	-	-	-	-	-	-
delta-BHC	-	-	-	0.062	9.8	4.9	2.4	0.062	0.18	0.44	1.6	-	-	-	-	-	-	-
Chlordane	-	-	-	0.0090	0.071	0.04	0.04	0.0090	0.37	0.91	3.4	-	-	-	-	-	-	-
2,4-D	-	-	-	0.0090	-	-	5	0.025	620	1,500	15,000	-	-	-	-	-	-	-
Dicamba	-	-	-	-	-	-	5	0.01	1,800	4,500	44,000	-	-	-	-	-	-	-
4,4'-DDD	40	200	120	0.049	2.4	1.2	0.53	0.049	2.0	4.9	18	-	-	-	-	-	-	-
4,4'-DDE	40	200	120	0.098	2.4	1.3	0.61	0.098	1.4	3.5	13	-	-	-	-	-	-	-
4,4'-DDT	40	200	120	0.0082	2.4	1.2	0.53	0.0082	1.4	3.5	13	-	-	-	-	-	-	-
Dieldrin	50	100	75	0.039	0.48	0.26	0.26	0.039	0.030	0.074	0.27	-	-	-	-	-	-	-
Endosulfan	-	-	-	1.1	5.5	3.3	3.3	1.1	370	900	8,700	-	-	-	-	-	-	-
Endosulfan Sulfate	-	-	-	1.1	5.5	3.3	3.3	1.1	370	900	8,700	-	-	-	-	-	-	-
Endrin	-	-	-	0.0035	0.50	0.25	0.11	0.004	18	45	440	-	-	-	-	-	-	-

TABLE 5-2
SUMMARY OF SELECTION OF PRELIMINARY REMEDIATION GOALS AND PROPOSED CLEANUP LEVELS FOR NON-PETROLEUM COMPOUNDS IN SOIL
AT THE PRESIDIO OF SAN FRANCISCO (a,b)

Presidio of San Francisco, California

Potential Chemical of Concern	Summary of Plant and Soil Fauna PRGs (mg/kg);				Ecological			Human Health				Lithology						
	PRG _{low}		PRC _{high}		Arithmetic Mean		Summary of Wildlife PRGs (mg/kg);			Proposed Buffer Zone PRGs (mg/kg);		Proposed Special Status PRGs (mg/kg); (b)		Proposed PRGs (mg/kg);		Presidio Background Metals Concentrations by Lithology (mg/kg); (c)		
	PRG _{low}	PRC _{high}	PRC _{high}	PRC _{high}	PRC _{low}	PRC _{high}	PRC _{low}	PRC _{high}	PRC _{high}	PRC _{high}	Residential	Recreational	Comms/Ind.	Serpentinite	Colma	Besch/Dune	Chert/Shale	
PCBs, Pesticides, and Herbicides																		
Endrin Aldehyde	-	-	0.0035	0.50	0.0035	0.50	0.25	0.11	0.004	18	45	440	-	-	-	-	-	
Endrin Ketone	-	-	0.0035	0.50	0.0035	0.50	0.25	0.11	0.004	18	45	440	-	-	-	-	-	
gamma-BHC (Lindane)	-	-	0.010	1.6	0.010	1.6	0.8	0.37	0.010	0.44	1.1	4.0	-	-	-	-	-	
Heptachlor	-	-	0.017	7.4	0.017	7.4	3.7	3.7	0.017	0.12	0.29	1.1	-	-	-	-	-	
Heptachlor Epoxide	-	-	0.017	7.4	0.017	7.4	3.7	3.7	0.017	0.088	0.21	0.79	-	-	-	-	-	
Isodrin	-	-	0.0039	0.19	0.0039	0.19	0.1	0.1	0.0039	0.029	0.069	0.26	-	-	-	-	-	
MCPP	-	-	0.44	35	0.44	35	18	18	0.44	310	750	7,300	-	-	-	-	-	
Methoxyethylor	-	-	0.44	35	0.44	35	18	18	0.44	310	750	7,300	-	-	-	-	-	

Notes:

- (a) This table is taken from Table 7-2 of the Presidio-wide Cleanup Level Document (EKL, 2002a). The notes on the original table include specific information related to the derivation of the cleanup levels.
- (b) In general, the cleanup levels are the minimum of applicable buffer zone ecological, ecological special status, and human health values, above background concentrations. Unless otherwise noted for a given site, only applicable columns would be used to select the appropriate cleanup level. For example, ecological cleanup levels would not be applied to a site that is classified as only recreational human land use.
- (c) The following abbreviations are used in the Background Metals columns:
 DL - Detection Limit: A typical detection limit is included when there were insufficient data to calculate a 95% upper confidence level ("UCL") of the 95th percentile (e.g., fewer than 50% detections).
 Max: Maximum concentration detected in background samples of this lithology (threshold level when there are fewer than 50% detections).
 95th: The concentration corresponding to the 95th percentile of the lognormal data distribution calculated for data sets with a frequency of detection greater than 50%. Applied to serpentinite only due to small number of data in background data set.
 UCL95: The concentration corresponding to the 95% UCL of the 95th percentile of the lognormal data distribution.
- (d) Hyphen indicates that PRG could not be calculated due to lack of applicable toxicity data in available literature, or no value is appropriate.
- (e) *Italics* indicate that the laboratory detection limit is selected as the cleanup level.

**TABLE 5-3
 ECOLOGICAL CLEANUP LEVELS FOR NON-PETROLEUM COMPOUNDS
 IN SEDIMENT AT THE PRESIDIO OF SAN FRANCISCO (FRESHWATER)**

Presidio of San Francisco, California

Potential Chemical of Concern	Buffer Zone Ecological Cleanup Level (mg/kg)				Special Status Species Cleanup Level (mg/kg); (a)			
	Serpentinite	Colma	Beach/Dune	Chert/Shale	Serpentinite	Colma	Beach/Dune	Chert/Shale
Inorganic Chemicals								
Antimony	3.0 (b)	3.0 (b)	3.0 (b)	3.0 (b)	- (c)	-	-	-
Arsenic	19	19	19	19	-	-	-	-
Barium	3,100	3,100	3,100	3,100	-	-	-	-
Beryllium	7,200	7,200	7,200	7,200	-	-	-	-
Cadmium	1.9 (d)	1.1	1.7 (d)	1.7 (d)	-	-	-	-
Chromium	1,700 (d)	140 (d)	120 (d)	42	-	-	-	-
Cobalt	170 (d)	50	50	50	-	-	-	-
Copper	114	114	114	360 (d)	-	-	-	-
Cyanide	-	-	-	-	-	-	-	-
Lead	82	82	82	82	-	-	-	-
Tetraethyl Lead	86	86	86	86	-	-	-	-
Mercury	0.62	0.62	0.62	0.62	-	-	-	-
Molybdenum	522	522	522	522	-	-	-	-
Nickel	4,500 (d)	110 (d)	70 (d)	71 (d)	-	-	-	-
Selenium	4.5	4.5	4.5	4.5	1.6	1.6	1.6	1.6
Silver	1.7 (d)	1.0 (d)	1.0 (d)	1.0 (d)	-	-	-	-
Thallium	35	35	35	35	3.7	3.7	3.7	3.7
Vanadium	74 (d)	90 (d)	92 (d)	61 (d)	-	-	-	-
Zinc	230	230	230	230	-	-	-	-

**TABLE 5-3
ECOLOGICAL CLEANUP LEVELS FOR NON-PETROLEUM COMPOUNDS
IN SEDIMENT AT THE PRESIDIO OF SAN FRANCISCO (FRESHWATER)**

Presidio of San Francisco, California

Potential Chemical of Concern	Buffer Zone Ecological Cleanup Level (mg/kg)				Special Status Species Cleanup Level (mg/kg); (a)			
	Serpentinite	Colma	Beach/Dune	Chert/Shale	Serpentinite	Colma	Beach/Dune	Chert/Shale
Semivolatile Organic Compounds								
Acenaphthene	0.31	0.31	0.31	0.31	-	-	-	-
Acenaphthylene	0.067	0.067	0.067	0.067	-	-	-	-
Anthracene	0.45	0.45	0.45	0.45	-	-	-	-
Benzo(a)anthracene	0.54	0.54	0.54	0.54	-	-	-	-
Benzo(a)pyrene	0.74	0.74	0.74	0.74	-	-	-	-
Benzo(b)fluoranthene	0.79	0.79	0.79	0.79	-	-	-	-
Benzo(g,h,i)perylene	0.25	0.25	0.25	0.25	-	-	-	-
Benzo(k)fluoranthene	0.79	0.79	0.79	0.79	-	-	-	-
Benzyl Alcohol	140	140	140	140	-	-	-	-
Chrysene	0.67	0.67	0.67	0.67	-	-	-	-
Dibenzo(a,h)anthracene	0.071	0.071	0.071	0.071	-	-	-	-
Dibenzofuran	2	2	2	2	-	-	-	-
Fluoranthene	1.5	1.5	1.5	1.5	-	-	-	-
Fluorene	0.28	0.28	0.28	0.28	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.26	0.26	0.26	0.26	-	-	-	-
2-methylnaphthalene	0.11	0.11	0.11	0.11	-	-	-	-
4-methylphenol (p-Cresol)	-	-	-	-	-	-	-	-
Naphthalene	0.3	0.3	0.3	0.3	-	-	-	-
n-nitrosodiphenylamine	-	-	-	-	-	-	-	-
Pentachlorophenol	-	-	-	-	-	-	-	-
Phenanthrene	0.61	0.61	0.61	0.61	-	-	-	-
Phenol	-	-	-	-	-	-	-	-
Pyrene	0.79	0.79	0.79	0.79	-	-	-	-

**TABLE 5-3
ECOLOGICAL CLEANUP LEVELS FOR NON-PETROLEUM COMPOUNDS
IN SEDIMENT AT THE PRESIDIO OF SAN FRANCISCO (FRESHWATER)**

Presidio of San Francisco, California

Potential Chemical of Concern	Buffer Zone Ecological Cleanup Level (mg/kg)				Special Status Species Cleanup Level (mg/kg); (a)			
	Serpentinite	Colma	Beach/Dune	Chert/Shale	Serpentinite	Colma	Beach/Dune	Chert/Shale
Volatile Organic Compounds								
Acetone	-	-	-	-	-	-	-	-
2-Butanone (MEK)	-	-	-	-	-	-	-	-
Carbon disulfide	-	-	-	-	-	-	-	-
1,4-dichlorobenzene	0.35	0.35	0.35	0.35	-	-	-	-
p-Isopropyltoluene (p-cymene)	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-
1,2,3-trichlorobenzene	-	-	-	-	-	-	-	-
1,2,4-trichlorobenzene	-	-	-	-	-	-	-	-
Trichlorofluoromethane	-	-	-	-	-	-	-	-
1,1,1-trichloroethane	0.17	0.17	0.17	0.17	-	-	-	-
PCBs, Pesticides, and Herbicides								
PCBs (Arochlor 1254)	0.36	0.36	0.36	0.36	0.14	0.14	0.14	0.14
Aldrin	0.005	0.005	0.005	0.005	-	-	-	-
alpha-BHC	0.008	0.008	0.008	0.008	-	-	-	-
beta-BHC	0.013	0.013	0.013	0.013	-	-	-	-
delta-BHC	0.0075	0.0075	0.0075	0.0075	-	-	-	-
Chlordane	0.01	0.01	0.01	0.01	-	-	-	-
2,4-D	-	-	-	-	-	-	-	-
Dicamba	-	-	-	-	-	-	-	-
4,4'-DDD	0.016	0.016	0.016	0.016	-	-	-	-
4,4'-DDE	0.016	0.016	0.016	0.016	-	-	-	-
4,4'-DDT	0.032	0.032	0.032	0.032	-	-	-	-
Dieldrin	0.032	0.032	0.032	0.032	-	-	-	-
Endosulfan	0.0054	0.0054	0.0054	0.0054	-	-	-	-
Endosulfan Sulfate	0.0054	0.0054	0.0054	0.0054	-	-	-	-

**TABLE 5-3
 ECOLOGICAL CLEANUP LEVELS FOR NON-PETROLEUM COMPOUNDS
 IN SEDIMENT AT THE PRESIDIO OF SAN FRANCISCO (FRESHWATER)**

Presidio of San Francisco, California

Potential Chemical of Concern	Buffer Zone Ecological Cleanup Level (mg/kg)				Special Status Species Cleanup Level (mg/kg); (a)			
	Serpentinite	Colma	Beach/Dune	Chert/Shale	Serpentinite	Colma	Beach/Dune	Chert/Shale
PCBs, Pesticides, and Herbicides (cont.)								
Endrin	0.1	0.1	0.1	0.1	-	-	-	-
Endrin Aldehyde	0.1	0.1	0.1	0.1	-	-	-	-
Endrin Ketone	0.1	0.1	0.1	0.1	-	-	-	-
gamma-BHC (Lindane)	0.003	0.003	0.003	0.003	-	-	-	-
Heptachlor	0.0083	0.0083	0.0083	0.0083	-	-	-	-
Heptachlor Epoxide	0.0083	0.0083	0.0083	0.0083	-	-	-	-
Isodrin	0.005	0.005	0.005	0.005	-	-	-	-
MCPP	-	-	-	-	-	-	-	-
Methoxychlor	0.019	0.019	0.019	0.019	-	-	-	-

Notes:

- (a) Buffer zone ecological cleanup levels apply to special status species as well if no special status species cleanup level is listed for a potential chemical of concern ("PCOC").
- (b) Cleanup level for this compound and this lithology is based on the background level in soil. Background level for this compound and this lithology is derived from the typical detection limit.
- (c) Hyphen indicates that a cleanup level cannot be calculated. No published toxicity values for PCOC were found.
- (d) Cleanup level for this compound and this lithology is based on the background level in soil.

**TABLE 5-4
ECOLOGICAL CLEANUP LEVELS FOR NON-PETROLEUM COMPOUNDS
IN SEDIMENT AT THE PRESIDIO OF SAN FRANCISCO (MARINE)**

Presidio of San Francisco, California

Potential Chemical of Concern	Buffer Zone Ecological Cleanup Level (mg/kg)				Special Status Species Cleanup Level (mg/kg); (a)			
	Serpentinite	Colma	Beach/Dune	Chert/Shale	Serpentinite	Colma	Beach/Dune	Chert/Shale
Inorganic Chemicals								
Antimony	14	14	14	14	- (b)	-	-	-
Arsenic	39	39	39	39	-	-	-	-
Barium	3,100	3,100	3,100	3,100	-	-	-	-
Beryllium	7,200	7,200	7,200	7,200	-	-	-	-
Cadmium	1.9 (c)	1.6	1.7 (c)	1.7 (c)	-	-	-	-
Chromium	1,700 (c)	140 (c)	120 (c)	42	-	-	-	-
Cobalt	38,088	38,088	38,088	38,088	-	-	-	-
Copper	152	152	152	152	-	-	-	-
Cyanide	-	-	-	-	-	-	-	-
Lead	132	132	132	132	-	-	-	-
Tetraethyl Lead	86	86	86	86	-	-	-	-
Mercury	0.43	0.43	0.43	0.43	-	-	-	-
Molybdenum	522	522	522	522	-	-	-	-
Nickel	4,500 (c)	110 (c)	70 (c)	71 (c)	-	-	-	-
Selenium	4.5	4.5	4.5	4.5	1.6	1.6	1.6	1.6
Silver	2.4	2.4	2.4	2.4	-	-	-	-
Thallium	35	35	35	35	3.7	3.7	3.7	3.7
Vanadium	74 (c)	90 (c)	92 (c)	61 (c)	-	-	-	-
Zinc	214	214	214	214	-	-	-	-

TABLE 5-4
ECOLOGICAL CLEANUP LEVELS FOR NON-PETROLEUM COMPOUNDS
IN SEDIMENT AT THE PRESIDIO OF SAN FRANCISCO (MARINE)

Presidio of San Francisco, California

Potential Chemical of Concern	Buffer Zone Ecological Cleanup Level (mg/kg)				Special Status Species Cleanup Level (mg/kg); (a)			
	Serpentinite	Colma	Beach/Dune	Chert/Shale	Serpentinite	Colma	Beach/Dune	Chert/Shale
Semivolatile Organic Compounds								
Acenaphthene	0.32	0.32	0.32	0.32	-	-	-	-
Acenaphthylene	0.34	0.34	0.34	0.34	-	-	-	-
Anthracene	0.59	0.59	0.59	0.59	-	-	-	-
Benzo(a)anthracene	0.93	0.93	0.93	0.93	-	-	-	-
Benzo(a)pyrene	1.0	1.0	1.0	1.0	-	-	-	-
Benzo(b)fluoranthene	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	-	-	-	-	-	-	-
Benzyl Alcohol	145	145	145	145	-	-	-	-
Chrysene	1.6	1.6	1.6	1.6	-	-	-	-
Dibenzo(a,h)anthracene	0.16	0.16	0.16	0.16	-	-	-	-
Dibenzofuran	2.00	2.00	2.00	2.00	-	-	-	-
Fluoranthene	2.85	2.85	2.85	2.85	-	-	-	-
Fluorene	0.28	0.28	0.28	0.28	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-	-	-
2-methylnaphthalene	0.37	0.37	0.37	0.37	-	-	-	-
4-methylphenol (p-Cresol)	-	-	-	-	-	-	-	-
Naphthalene	1.1	1.1	1.1	1.1	-	-	-	-
n-nitrosodiphenylamine	-	-	-	-	-	-	-	-
Pentachlorophenol	-	-	-	-	-	-	-	-
Phenanthrene	0.87	0.87	0.87	0.87	-	-	-	-
Phenol	-	-	-	-	-	-	-	-
Pyrene	1.6	1.6	1.6	1.6	-	-	-	-

**TABLE 5-4
 ECOLOGICAL CLEANUP LEVELS FOR NON-PETROLEUM COMPOUNDS
 IN SEDIMENT AT THE PRESIDIO OF SAN FRANCISCO (MARINE)**

Presidio of San Francisco, California

Potential Chemical of Concern	Buffer Zone Ecological Cleanup Level (mg/kg)				Special Status Species Cleanup Level (mg/kg); (a)			
	Serpentinite	Colma	Beach/Dune	Chert/Shale	Serpentinite	Colma	Beach/Dune	Chert/Shale
Volatile Organic Compounds								
Acetone	-	-	-	-	-	-	-	-
2-Butanone (MEK)	-	-	-	-	-	-	-	-
Carbon disulfide	-	-	-	-	-	-	-	-
1,4-dichlorobenzene	0.35	0.35	0.35	0.35	-	-	-	-
p-Isopropyltoluene (p-cymene) (d)	0.67	0.67	0.67	0.67	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-
1,2,3-trichlorobenzene (e)	9.2	9.2	9.2	9.2	-	-	-	-
1,2,4-trichlorobenzene	9.2	9.2	9.2	9.2	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-
Trichlorofluoromethane	-	-	-	-	-	-	-	-
1,1,1-trichloroethane	0.17	0.17	0.17	0.17	-	-	-	-
PCBs, Pesticides, and Herbicides								
PCBs (Arochlor 1254)	0.10	0.10	0.10	0.10	-	-	-	-
Aldrin	0.46	0.46	0.46	0.46	0.10	0.10	0.10	0.10
alpha-BHC	0.0007	0.0007	0.0007	0.0007	-	-	-	-
beta-BHC	0.0007	0.0007	0.0007	0.0007	-	-	-	-
delta-BHC	0.0007	0.0007	0.0007	0.0007	-	-	-	-
Chlordane	0.0033	0.0033	0.0033	0.0033	-	-	-	-
2,4-D	-	-	-	-	-	-	-	-
Dicamba	-	-	-	-	-	-	-	-
4,4'-DDD	0.011	0.011	0.011	0.011	-	-	-	-
4,4'-DDE	0.015	0.015	0.015	0.015	-	-	-	-
4,4'-DDT	0.004	0.004	0.004	0.004	-	-	-	-
Dieldrin	0.026	0.026	0.026	0.026	-	-	-	-
Endosulfan	0.005	0.005	0.005	0.005	-	-	-	-
Endosulfan Sulfate	0.005	0.005	0.005	0.005	-	-	-	-

**TABLE 5-4
ECOLOGICAL CLEANUP LEVELS FOR NON-PETROLEUM COMPOUNDS
IN SEDIMENT AT THE PRESIDIO OF SAN FRANCISCO (MARINE)**

Presidio of San Francisco, California

Potential Chemical of Concern	Buffer Zone Ecological Cleanup Level (mg/kg)				Special Status Species Cleanup Level (mg/kg); (a)			
	Serpentinite	Colma	Beach/Dune	Chert/Shale	Serpentinite	Colma	Beach/Dune	Chert/Shale
PCBs, Pesticides, and Herbicides (cont.)								
Endrin	0.023	0.023	0.023	0.023	-	-	-	-
Endrin Aldehyde	0.023	0.023	0.023	0.023	-	-	-	-
Endrin Ketone	0.023	0.023	0.023	0.023	-	-	-	-
gamma-BHC (Lindane)	0.002	0.002	0.002	0.002	-	-	-	-
Heptachlor	437	437	437	437	44	44	44	44
Heptachlor Epoxide	437	437	437	437	44	44	44	44
Isodrin	0.457	0.457	0.457	0.457	0.10	0.10	0.10	0.10
MCPP	-	-	-	-	-	-	-	-
Methoxychlor	0.019	0.019	0.019	0.019	-	-	-	-

Notes:

- (a) Buffer zone ecological cleanup levels apply to special status species as well if no special status species cleanup level is listed for a potential chemical of concern ("PCOC").
- (b) Hyphen indicates that a cleanup level cannot be calculated. No published toxicity values for PCOC were found.
- (c) Cleanup level for this compound and this lithology is based on the background level in soil.
- (d) Values for toluene were used for isopropyltoluene.
- (e) Values for 1,2,4-trichlorobenzene were used for 1,2,3-trichlorobenzene.

**TABLE 5-5
HUMAN HEALTH AND ECOLOGICAL CLEANUP LEVELS FOR PETROLEUM HYDROCARBONS AND CONSTITUENTS IN
SOIL AND SEDIMENT AT THE PRESIDIO OF SAN FRANCISCO**

Presidio of San Francisco, California

Potential Chemical of Concern	Protection of Human Health			Protection of Ecological Receptors			Protection of Groundwater Resources					
	Residential (mg/kg); (a)	Recreational (mg/kg); (a)	Maintenance (mg/kg); (a)	Terrestrial Receptors (mg/kg); (a)	Freshwater Aquatic Organisms (mg/kg); (b)	Saltwater Aquatic Organisms (mg/kg); (c)	Cleanup Level for Soil to Maintain Drinking Water Standard in Groundwater		Cleanup Level for Soil to Maintain Non-detectable Concentration in Groundwater in Lobos Creek Basin		Cleanup Level for Soil at Crissy Field	
							Less than 5 feet Above Groundwater (mg/kg); (a)	Greater than 5 feet Above Groundwater (mg/kg); (a)	Less than 5 feet Above Groundwater (mg/kg); (a)	Greater than 5 feet Above Groundwater (mg/kg); (a)	Less than 5 feet Above Groundwater (mg/kg); (a)	Greater than 5 feet Above Groundwater (mg/kg); (a)
Inorganic Chemicals	-	-	-	50 (d)	-	-	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organic Compounds												
Anthracene	5,900	13,800	17,800	-	-	-	308	-	0.05	-	1,120	-
Benzo(a)anthracene	0.43	0.1	1.5	-	-	-	8	-	0.2	-	23	-
Benzo(a)pyrene	0.04	0.1	0.15	0.3	-	-	3	-	0.8	-	9	-
Benzo(b)fluoranthene	0.43	1	1.5	-	-	-	23	-	0.6	-	64	-
Benzo(g,h,i)perylene	620	1,400	1,700	-	-	-	5,040	-	2	-	19,500	-
Benzo(k)fluoranthene	0.43	1	1.5	-	-	-	23	-	0.6	-	64	-
Chrysene	4.3	10	15	-	-	-	54	-	0.3	-	151	-
Fluoranthene	820	1,900	2,300	-	-	-	316	-	0.05	-	1,160	-
Fluorene	770	1,800	2,300	-	-	-	60	-	0.05	-	220	-
Naphthalene	480	1,100	2,300	-	-	-	9	-	0.05	-	140	-
Phenanthrene	600	1,400	1,700	-	-	-	86	-	0.05	-	410	-
Total Carcinogenic PAHs	5.6	13	19.7	-	-	-	111	-	2.5	-	253	-
Pyrene	620	1,400	1,700	-	-	-	241	-	0.09	-	910	-
Petroleum Hydrocarbons and Constituents												
TPH (as diesel); (e)	1,380	3,200	6,700	700	144 (f); (g)	144 (f)	115	15,000	7	15,000	1,950	15,000
TPH (as gasoline)	1,030	2,400	5,900	610	140	11.6	100	5,000	7	5,000	1,690	5,000
TPH (as fuel oil) (h)	1,900	4,500	9,400	980	144 (g)	144	160	15,000	10	15,000	2,730	15,000
Benzene	0.6	1.5	5	40	0.79	50	0.005	140	0.005	140	1	140
Ethylbenzene	840	1,900	6,600	125	15	5	13	60	0.009	60	19	60
Toluene	530	1,200	12,800	270	3	260	1	420	0.005	420	14	420
Total Xylenes	1,080	2,500	109,000	55	5.7	22	33	180	0.009	180	4,340	180

TABLE 5-5
HUMAN HEALTH AND ECOLOGICAL CLEANUP LEVELS FOR PETROLEUM HYDROCARBONS AND CONSTITUENTS IN SOIL AND SEDIMENT AT THE PRESIDIO OF SAN FRANCISCO

Presidio of San Francisco, California

Notes:

- (a) Cleanup level values listed are obtained from Tables 1 through 5 of California Environmental Protection Agency, Regional Water Quality Control Board, San Francisco Bay Region Order No. 96-070, *Site Cleanup Requirements for the Cleanup of Petroleum Impacted Soils, U.S. Army, Presidio of San Francisco, California*, dated 15 May 1996.
- (b) Cleanup level values listed are point-of-compliance concentrations for freshwater sediment obtained from Tables 5 and 6 of Montgomery Watson *Development of Point of Compliance Concentrations (POCCs) for Gasoline in Surface Waters and Sediments of the Proposed Freshwater Stream*, dated May 1999. Locations apply to Freshwater Ecological Protection Zones shown on Figure 7-2.
- (c) Cleanup level values listed are point-of-compliance concentrations for saltwater sediment obtained from Table 16 of International Technology Corporation *Report of Petroleum Hydrocarbon Bioassay and Point-of-Compliance Concentration Determinations Saltwater Ecological Protection Zone, Presidio of San Francisco*, dated December 1997. Locations apply to Saltwater Ecological Protection Zones shown on Figure 7-2.
- (d) According to Order No. 96-070, the value for lead applies only to cleanup of leaded gasoline releases and not from releases from other sources. Order No. 96-070 states that an alternative cleanup level can be derived for protection of ecological receptors from releases of lead other than leaded gasoline. Refer to Tables 7-2 through 7-4 for ecological cleanup level values that apply to releases of lead not from leaded gasoline.
- (e) Total petroleum hydrocarbons ("TPH").
- (f) Although value is derived for fuel oil, adoption of this cleanup level for TPH (as diesel) has been tentatively approved by RWQCB.
- (g) Although value is derived for saltwater aquatic organisms, this cleanup level is also being used for freshwater organisms.
- (h) These values also apply to TPH quantified as motor oil.

**TABLE 5-6
CLEANUP LEVELS FOR SURFACE WATER, SEEPS, AND GROUNDWATER
AT THE PRESIDIO OF SAN FRANCISCO**

Presidio of San Francisco, California

Potential Chemical of Concern	Water Quality Criteria									
	Surface Water (a) (µg/L)	Reference	Freshwater Seep (b) (µg/L)	Reference	Salt Water (c) (µg/L)	Reference	Background Levels	Reference	MCLs or Risk-Based Drinking Water Standards	Reference
Inorganic Chemicals										
Antimony	14	CTR (f)	- (g)	-	-	-	-	-	6	Federal MCL
Arsenic	190	Basin Plan (h)	190	Basin Plan	36	Basin Plan	-	-	10	Federal MCL
Barium	-	-	-	-	-	-	-	-	1,000	California MCL
Beryllium	-	-	-	-	-	-	-	-	4	Federal MCL
Cadmium	1.1 (i)	Basin Plan	1.1 (i)	Basin Plan	9.3	Basin Plan	-	-	5	Federal MCL
Chloride	-	-	-	-	-	-	-	-	250,000	Secondary MCL
Chromium (III)	180 (j); (l)	CTR	180 (j); (l)	CTR	-	CTR	-	-	50	California MCL
Hexavalent Chromium	11	Basin Plan	11	Basin Plan	50	Basin Plan	-	-	-	-
Chromium (Total)	180 (j); (l)	CTR	180 (j); (l)	CTR	50	Basin Plan	-	-	50	California MCL
Cobalt	-	-	-	-	-	-	-	-	-	-
Copper	11.8 (i)	Basin Plan	11.8 (i)	Basin Plan	2.9	Basin Plan	-	-	1,000 (k)	Secondary MCL
Cyanide	5.2	Basin Plan	5.2	Basin Plan	5	Basin Plan	-	-	200	Federal MCL
Lead	3.2 (i)	Basin Plan	3.2 (i)	Basin Plan	5.6	Basin Plan	-	-	15 (l)	Federal MCL
Mercury	0.012 (m)	Basin Plan	0.012 (m)	Basin Plan	0.025	Basin Plan	-	-	2	Federal MCL
Molybdenum	-	-	-	-	-	-	-	-	-	-
Nickel	158 (i)	Basin Plan	158 (i)	Basin Plan	7.1	Basin Plan	-	-	100	California MCL
Selenium	5 (n)	CTR	5 (n)	CTR	71	CTR	-	-	50	Federal MCL
Silver	4.1 (i); (o)	Basin Plan	4.1 (i); (o)	Basin Plan	2.3 (o)	Basin Plan	-	-	50	Basin Plan
Thallium	1.7	CTR	-	-	-	-	-	-	2	Federal MCL
Vanadium	-	-	-	-	-	-	-	-	-	-
Zinc	106 (i)	Basin Plan	106 (i)	Basin Plan	58	Basin Plan	-	-	5,000	Secondary MCL

**TABLE 5-6
CLEANUP LEVELS FOR SURFACE WATER, SEEPS, AND GROUNDWATER
AT THE PRESIDIO OF SAN FRANCISCO**

Presidio of San Francisco, California

Potential Chemical of Concern	Water Quality Criteria									
	Surface Water (a) (µg/L)	Reference	Freshwater Seep (b) (µg/L)	Reference	Salt Water (c) (µg/L)	Reference	Drinking Water Cleanup Level (d);(e) (µg/L)			
							Background Levels	Reference	MCLs or Risk-Based Drinking Water Standards	Reference
Semivolatile Organic Compounds										
Acenaphthene	1,200	CTR	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-
Anthracene	9,600	CTR	-	-	-	-	0.05	FPALDR	770	FPALDR (p)
Benzo(a)anthracene	0.0044 (q)	CTR	-	-	-	-	0.05	FPALDR	0.1	Proposed MCL
Benzo(a)pyrene	0.0044 (q)	CTR	-	-	-	-	0.05	FPALDR	0.2	Federal MCL
Benzo(b)fluoranthene	0.0044 (q)	CTR	-	-	-	-	0.05	FPALDR	0.2	Proposed MCL
Benzo(g,h,i)perylene	-	-	-	-	-	-	0.06	FPALDR	150	FPALDR
Benzo(l)fluoranthene	0.0044 (q)	CTR	-	-	-	-	0.05	FPALDR	2	FPALDR
Benzyl Alcohol	-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	1.8	CTR	-	-	-	-	-	-	4	California MCL
Chrysene	0.0044 (q)	CTR	-	-	-	-	0.05	FPALDR	20	FPALDR
Dibenzo(a,h)anthracene	0.0044 (q)	CTR	-	-	-	-	-	-	-	-
Dibenzofuran	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	CTR	-	-	-	-	-	-	-	-
Fluorene	1,300	CTR	-	-	-	-	0.06	FPALDR	300	FPALDR
Indeno(1,2,3-c,d)-pyrene	0.0044 (q)	CTR	-	-	-	-	0.05	FPALDR	300	FPALDR
2-methylnaphthalene	-	-	-	-	-	-	-	-	-	-
2-methylphenol (o-Cresol)	-	-	-	-	-	-	-	-	-	-
Methylphenol (m- and p-Cresol)	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	0.05	FPALDR	300	FPALDR

**TABLE 5-6
CLEANUP LEVELS FOR SURFACE WATER, SEEPS, AND GROUNDWATER
AT THE PRESIDIO OF SAN FRANCISCO**

Presidio of San Francisco, California

Potential Chemical of Concern	Water Quality Criteria									
	Surface Water (a) (µg/L)	Reference	Freshwater Seep (b) (µg/L)	Reference	Salt Water (c) (µg/L)	Reference	Background Levels	Reference	MCLs or Risk-Based Drinking Water Standards	Reference
Semivolatile Organic Compounds (contd)										
n-dotriacontane	-	-	-	-	-	-	-	-	-	-
n-hentriacontane	-	-	-	-	-	-	-	-	-	-
n-nitrosodiphenylamine	5	CTR	-	-	-	-	-	-	-	-
n-triacontane	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.28	CTR	15	CTR	7.9	CTR	-	-	1	Federal MCL
Phenanthrene	-	-	-	-	-	-	0.05	FPALDR	230	FPALDR
Phenol	21,000	CTR	-	-	-	-	-	-	1	Basin Plan
Polycyclic Aromatic Hydrocarbons	0.031 (q)	Basin Plan	-	-	0.031	Basin Plan	-	-	26 (f)	FPALDR
Pyrene	960	CTR	-	-	-	-	0.09	FPALDR	230	FPALDR
Volatile Organic Compounds										
Acetone	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	0.56	CTR	-	-	-	-	-	-	80	Federal MCL
2-Butanone (MEK)	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	0.25	CTR	-	-	-	-	-	-	0.5	California MCL
Chlorodibromomethane	0.40	CTR	-	-	-	-	-	-	80	Federal MCL
Chlorobenzene	680	CTR	-	-	-	-	-	-	70	California MCL
Chloroform	-	-	-	-	-	-	-	-	80	Federal MCL
Chloromethane	-	-	-	-	-	-	-	-	-	-
1,4-dichlorobenzene	400	CTR	-	-	-	-	-	-	5	California MCL
1,2-dichloroethane	0.38	CTR	-	-	-	-	-	-	0.5	California MCL
1,1-dichloroethene	0.057	CTR	-	-	-	-	-	-	6	California MCL
cis-1,2-dichloroethene	-	-	-	-	-	-	-	-	6	California MCL

**TABLE 5-6
CLEANUP LEVELS FOR SURFACE WATER, SEEPS, AND GROUNDWATER
AT THE PRESIDIO OF SAN FRANCISCO**

Presidio of San Francisco, California

Water Quality Criteria										
Potential Chemical of Concern	Surface Water (a) (µg/L)	Reference	Freshwater Seep (b) (µg/L)	Reference	Salt Water (c) (µg/L)	Reference	Drinking Water Cleanup Level (d):(e) (µg/L)		Reference	
							Background Levels	MCLs or Risk-Based Drinking Water Standards		
Volatile Organic Compounds (contd)										
p-Isopropyltoluene (p-cymene)	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	4.7	CTR	-	-	-	-	5	5	-	Federal MCL
Tetrachloroethene	0.8	CTR	-	-	-	-	5	5	-	Federal MCL
1,2,3-trichlorobenzene (s)	-	-	-	-	-	-	70	70	-	Federal MCL
1,2,4-trichlorobenzene	-	-	-	-	-	-	70	70	-	Federal MCL
1,1,1-trichloroethane	-	-	-	-	-	-	200	200	-	Federal MCL
Trichloroethene	2.7	CTR	-	-	-	-	5	5	-	Federal MCL
Trichlorofluoromethane	-	-	-	-	-	-	150	150	-	California MCL
Petroleum Hydrocarbons and Constituents										
Gasoline Range Hydrocarbons	443	Bioassay Study (t)	443	Bioassay Study	1,200	IT Study (t)	50	770	FPALDR	FPALDR
Diesel Range Hydrocarbons	-	-	-	-	-	-	50	880	FPALDR	FPALDR
Fuel Oil Range Hydrocarbons (ti)	-	-	-	-	2,200	IT Study	50	1,200	FPALDR	FPALDR
Benzene	1.2	CTR	463	Bioassay Study	510	IT Study	-	1	-	California MCL
Ethylbenzene	845	Bioassay Study	845	Bioassay Study	43	IT Study	0.5	700	FPALDR	Federal MCL
Toluene	490	Bioassay Study	490	Bioassay Study	1,000	IT Study	0.5	150	FPALDR	California MCL
Tetraethyl Lead	-	-	-	-	-	-	0.5	-	FPALDR	-
Total Xylenes	318	Bioassay Study	318	Bioassay Study	130	IT Study	-	1,750	-	California MCL
Methyl t-butyl ether (MTBE)	-	-	-	-	4,400	IT Study	0.5	13	FPALDR	California MCL
PCBs, Pesticides, and Herbicides										
Polychlorinated Biphenyls	0.00017 (v);(w)	CTR	0.014 (v);(w)	CTR	0.03	CTR	-	0.5	-	Federal MCL
Aldrin	0.00013 (w)	CTR	3	CTR	1.3	CTR	-	-	-	-
Chlordane	0.00057 (w)	CTR	0.0043 (w)	CTR	0.004	CTR	-	0.1	-	California MCL

**TABLE 5-6
CLEANUP LEVELS FOR SURFACE WATER, SEEPS, AND GROUNDWATER
AT THE PRESIDIO OF SAN FRANCISCO**

Presidio of San Francisco, California

Potential Chemical of Concern	Water Quality Criteria										
	Surface Water (a) (µg/L)	Reference	Freshwater Seep (b) (µg/L)	Reference	Salt Water (c) (µg/L)	Reference	Background Levels	Reference	Drinking Water Cleanup Level (d);(e) (µg/L)	MCLs or Risk-Based Drinking Water Standards	Reference
PCBs, Pesticides, and Herbicides (contd)											
2,4-D	-	-	-	-	-	-	-	-	-	70	Federal MCL
4,4'-DDD (x)	0.00083 (w)	CTR	0.001 (w)	CTR	0.001 (w)	CTR	-	-	-	-	-
4,4'-DDE (x)	0.00059 (w)	CTR	0.001 (w)	CTR	0.001 (w)	CTR	-	-	-	-	-
4,4'-DDT	0.00059 (w)	CTR	0.001 (w)	CTR	0.001 (w)	CTR	-	-	-	-	-
Dicamba	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	0.00014 (w)	CTR	0.056 (w)	CTR	0.0019 (w)	CTR	-	-	0.5	Action Level (y)	-
Endosulfan	0.056 (w)	CTR	0.056 (w)	CTR	0.0087 (w)	CTR	-	-	-	-	-
Endosulfan Sulfate (s)	0.056 (w)	CTR	0.056 (w)	CTR	0.0087 (w)	CTR	-	-	-	-	-
Endrin	0.036 (w)	CTR	0.036 (w)	CTR	0.0023 (w)	CTR	-	-	2	Federal MCL	-
Endrin Aldehyde (s)	0.036 (w)	CTR	0.036 (w)	CTR	0.0023 (w)	CTR	-	-	2	Federal MCL	-
Endrin Ketone (s)	0.036 (w)	CTR	0.036 (w)	CTR	0.0023 (w)	CTR	-	-	2	Federal MCL	-
beta-BHC	0.014 (w)	CTR	-	-	-	-	-	-	0.3	Action Level (y)	-
gamma-BHC (Lindane)	0.019 (w)	CTR	0.95	CTR	0.16	CTR	-	-	0.2	Federal MCL	-
Heptachlor	0.00021 (w)	CTR	0.0038 (w)	CTR	0.0036 (w)	CTR	-	-	0.01 (w)	California MCL	-
Heptachlor Epoxide	0.00010 (w)	CTR	0.0038 (w)	CTR	0.0036 (w)	CTR	-	-	0.01 (w)	California MCL	-
Isodrin (z)	0.00013 (w)	CTR	3	CTR	1.3	CTR	-	-	-	-	-
MCPP	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	-	-	-	-	-	-	-	40	Federal MCL	-

TABLE 5-6
CLEANUP LEVELS FOR SURFACE WATER, SEEPS, AND GROUNDWATER
AT THE PRESIDIO OF SAN FRANCISCO

Presidio of San Francisco, California

Notes:

- (a) Cleanup levels are based upon concentrations of chemicals ("COCs") that result in chronic toxicity to freshwater aquatic organisms, or to humans through consumption of water and fish, whichever is more stringent. Cleanup levels apply to freshwater surface water and groundwater that may exfiltrate directly to surface water, such as Lobos Creek, Mountain Lake, and the Tennessee Hollow Riparian Corridor upon enhancement.
- (b) Cleanup levels are based upon concentrations of COCs that result in chronic toxicity to freshwater aquatic organisms. Cleanup levels apply to seeps and to groundwater that emerges as freshwater seeps.
- (c) Cleanup levels are based upon concentrations of COCs that result in chronic toxicity to marine organisms. Cleanup levels apply to marine or salt water environments.
- (d) Cleanup level listed is a promulgated or proposed federal Maximum Contaminant Level ("MCL"), promulgated or proposed MCL or action level specific to the State of California, or a water quality objective for municipal supply as identified in the Basin Plan (California Environmental Protection Agency, Regional Water Quality Control Board, San Francisco Bay Region, *Water Quality Control Plan, San Francisco Bay Basin, San Francisco Bay Region* ("Basin Plan"), dated 21 June 1995). Federal MCLs obtained from U.S. EPA, *2002 Edition of Drinking Water Standards and Health Advisories*, dated Summer 2002. California MCLs obtained from Title 22 of the California Code of Regulations, §64431 and §64444. Proposed MCLs and action levels obtained from U.S. EPA Region IX, *Drinking Water Standards and Health Advisories Table*, dated November 2000, revised February 2001. Drinking water cleanup levels apply to groundwater and surface water at the Presidio.
- (e) Cleanup level obtained from Montgomery Watson, *Fuel Product Action Level Development Report, Presidio of San Francisco, California* ("FPALDR"), dated October 1995. Numerical values are the Practical Quantitation Limits ("PQLs"). Background levels (i.e., the PQLs) will be used as water quality goals for the Lobos Creek Groundwater Basin.
- (f) Cleanup level obtained from Title 40 of the Code of Federal Regulations, Part §131.38, *Establishment of Numerical Criteria for Priority Toxic Pollutants for the State of California*, or California Toxics Rule ("CTR"), promulgated 18 May 2000.
- (g) Hyphen indicates that a cleanup level is not available.
- (h) Cleanup level obtained from the Basin Plan (as defined above).
- (i) Cleanup level is a function of hardness. Value shown is based on a hardness of 100 mg/L as calcium carbonate.
- (j) Cleanup level is expressed as a function of the water-effects ratio, as defined in the CTR.
- (k) Cleanup level listed is a secondary MCL. Secondary MCLs apply to chemicals in drinking water that adversely affect its odor, taste, or appearance and therefore cause people to discontinue using the water.
- (l) MCL based upon treatment technique. Treatment technique and public notification required at action level of 15 µg/L for lead.
- (m) Cleanup level for mercury is 0.012 µg/L. However, this level is below the typical analytical method reporting limit of 0.025 µg/L. A cleanup objective of 0.012 µg/L is desirable, but attainment can only be determined at the analytical method reporting limit.

**TABLE 5-6
CLEANUP LEVELS FOR SURFACE WATER, SEEPS, AND GROUNDWATER
AT THE PRESIDIO OF SAN FRANCISCO**

Presidio of San Francisco, California

Notes (cont'd):

- (n) Cleanup level for COC in total recoverable form.
- (o) Cleanup level for COC corresponds to instantaneous maximum value.
- (p) Cleanup level obtained from FPALDR. Numerical values developed based upon residential exposure to COCs in groundwater through ingestion and inhalation pathways.
- (q) This level is below the typical analytical method reporting limit range of 0.1 to 10 µg/L for semivolatile organic compounds. Cleanup level listed is desirable, but attainment can only be determined at the analytical method reporting limit. Cleanup level is established at the typical analytical method reporting limit range for semivolatile organic compounds assuming no matrix interference. In the event of matrix interference, actual method reporting limits determining compliance with cleanup levels may be raised.
- (r) The drinking water standard in the FPALDR is for total carcinogenic polycyclic aromatic hydrocarbons ("PAHs"). These carcinogenic PAHs include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene.
- (s) Values for 1,2,4-trichlorobenzene were used for 1,2,3-trichlorobenzene. Values for Endosulfan were used for Endosulfan Sulfate. Values for Endrin were used for Endrin Aldehyde and Endrin Ketone.
- (t) Freshwater cleanup levels for petroleum hydrocarbons and related constituents obtained from Montgomery Watson, *Development of Point of Compliance Concentrations (POCCs) for Gasoline in Surface Waters and Sediments of the Proposed Freshwater Stream, Presidio of San Francisco, California*, dated 4 May 1999 ("Bioassay Study"). Numerical values based upon bioassay studies performed by RWQCB and review of toxicological data published in scientific literature.
Salt water cleanup levels for petroleum hydrocarbons and related constituents obtained from International Technology Corporation, *Report of Petroleum Hydrocarbon Bioassay and Point-of-Compliance Concentration Determinations, Saltwater Ecological Protection Zone, Presidio of San Francisco, California*, dated December 1997 ("IT Study").
- (u) Fuel oil range hydrocarbons includes motor oil.
- (v) Cleanup level applies to total polychlorinated biphenyls ("PCBs").
- (w) This level is below the typical analytical method reporting limit range of 0.05 to 0.5 µg/L for PCBs and pesticides. Cleanup level listed is desirable, but attainment can only be determined at the analytical method reporting limit.
- (x) In the absence of a published value for 4,4'-DDD or 4,4'-DDE, the value for 4,4'-DDT is used.
- (y) Cleanup level is State of California action level for drinking water.
- (z) Isodrin is an isomer of Aldrin. Values for Aldrin were used for Isodrin.

APPENDIX D
ENVIRONMENTAL DATABASE REPORT
IN PORTABLE DOCUMENT FORMAT



EDR™ Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Doyle Drive Replacement
Doyle Drive
San Francisco, CA 94129**

Inquiry Number: 01222743.1r

June 30, 2004

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

DOYLE DRIVE
SAN FRANCISCO, CA 94129

COORDINATES

Latitude (North): 37.801700 - 37° 48' 6.1"
Longitude (West): 122.462500 - 122° 27' 45.0"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 547319.2
UTM Y (Meters): 4183744.5
Elevation: 86 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 37122-G4 SAN FRANCISCO NORTH, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

Toxic Pits..... Toxic Pits Cleanup Act Sites

EXECUTIVE SUMMARY

WMUDS/SWAT	Waste Management Unit Database
CA BOND EXP. PLAN	Bond Expenditure Plan
UST	List of Underground Storage Tank Facilities
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land
CA FID UST	Facility Inventory Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
UMTRA	Uranium Mill Tailings Sites
DOD	Department of Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
INDIAN RESERV	Indian Reservations
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	Aboveground Petroleum Storage Tank Facilities
CLEANERS	Cleaner Facilities
CA WDS	Waste Discharge System
DEED	List of Deed Restrictions
NFA	No Further Action Determination
REF	Unconfirmed Properties Referred to Another Agency
SCH	School Property Evaluation Program
NFE	Properties Needing Further Evaluation

BROWNFIELDS DATABASES

US BROWNFIELDS	A Listing of Brownfields Sites
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SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

FEDERAL ASTM STANDARD

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 02/26/2004 has revealed that there are 2 CERCLIS sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>PRESIDIO OF SAN FRANCISCO</i>	<i>PRESIDIO OF SAN FRANCIS</i>	<i>1/8 - 1/4 SW</i>	<i>A1</i>	<i>6</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>USDOI NPS GOLDEN GATE NATL REC</i>	<i>BUILDING 201 FORT MASON</i>	<i>1 - 2 E</i>	<i>493</i>	<i>909</i>

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-LQG list, as provided by EDR, and dated 04/13/2004 has revealed that there are 2 RCRIS-LQG sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>PRESIDIO OF SAN FRANCISCO</i>	<i>PRESIDIO OF SAN FRANCIS</i>	<i>1/8 - 1/4 SW</i>	<i>A1</i>	<i>6</i>
<i>THE PRESIDIO TRUST</i>	<i>10 FUNSTON</i>	<i>1/4 - 1/2 SE</i>	<i>E22</i>	<i>31</i>

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-SQG list, as provided by EDR, and dated 04/13/2004 has revealed that there are

EXECUTIVE SUMMARY

3 RCRIS-SQG sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>PACIFIC BELL</i>	<i>CRISSY FIELD PRESIDIO</i>	<i>1/4 - 1/2 SW</i>	<i>A4</i>	<i>10</i>
<i>PACIFIC BELL</i>	<i>MARINE DRIVE FORT POINT</i>	<i>1/4 - 1/2 SW</i>	<i>A9</i>	<i>13</i>
<i>USCG STATION FORT POINT</i>	<i>MARINE DRIVE PRESIDIO</i>	<i>1/4 - 1/2 SW</i>	<i>A12</i>	<i>22</i>

STATE ASTM STANDARD

AWP: California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for cleanup. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 06/01/2004 has revealed that there is 1 AWP site within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>U.S. ARMY PRESIDIO OF SAN FRAN</i>	<i>1,400 AC; N-MOST TIP OF</i>	<i>1/4 - 1/2 SW</i>	<i>A10</i>	<i>14</i>

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there is 1 Cal-Sites site within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>U.S. ARMY PRESIDIO OF SAN FRAN</i>	<i>1,400 AC; N-MOST TIP OF</i>	<i>1/4 - 1/2 SW</i>	<i>A10</i>	<i>14</i>

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2003 has revealed that there are 17 CHMIRS sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	426 MAPLE ST.	1 - 2 SSE	AG136	242
Not reported	2006 LYON ST.	1 - 2 SE	247	441
<i>EWISH COMMUNITY CENTER</i>	<i>3200 CALIFORNIA ST</i>	<i>1 - 2 SE</i>	<i>BT276</i>	<i>501</i>
<i>THE RAMOND RAGGIO TRUST</i>	<i>2480 WASHINGTON STREET</i>	<i>1 - 2 ESE</i>	<i>DV454</i>	<i>830</i>
Not reported	1600 DIVISADERO ST.	1 - 2 SE	DZ470	865
Not reported	301 25TH AVENUE	1 - 2 SW	EA476	877
Not reported	2190 GEARY BLVD.	1 - 2 SE	EG494	910
Not reported	238 CABRILLO ST	1 - 2 S	501	926
Not reported	2773 MCALLISTER STREET	1 - 2 S	515	951
Not reported	2333 BUCHANNAN ST.	1 - 2 ESE	EM521	962
<i>CALIFORNIA PACIFIC MED CTR, PA</i>	<i>2333 BUCHANAN STREET</i>	<i>1 - 2 ESE</i>	<i>EM522</i>	<i>964</i>
Not reported	2060 FULTON ST.	1 - 2 SSE	570	1048
Not reported	520 26TH AVE.	1 - 2 SW	599	1102
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	3950 SCOTT ST.	1 - 2 ENE	AM179	322

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2 CASA WAY	1 - 2 E	BV291	524
Not reported	3141 FILMORE ST	1 - 2 E	CS358	664
Not reported	15 MARINA AVE	1 - 2 E	DT441	811

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 251 Cortese sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
1 CHERRY ST	1 CHERRY ST	1/2 - 1 SSE	I34	44
RESIDENCE	3899 JACKSON ST	1/2 - 1 S	H39	53
RESIDENCE	3885 JACKSON ST	1/2 - 1 SSE	H41	56
RESIDENTIAL APARTMENT	3769 JACKSON ST	1/2 - 1 SSE	I44	62
RESIDENTIAL	110 CHERRY ST	1/2 - 1 SSE	I46	66
RESIDENCE	3756 JACKSON ST	1/2 - 1 SSE	I48	69
RESIDENCE	3736 JACKSON ST	1/2 - 1 SSE	49	70
ARDEN BROOK INC PROPERT	139 CHERRY	1/2 - 1 SSE	K52	76
SOOY RESIDENCE	9 5TH AVE	1/2 - 1 S	L54	80
EHRlich PROPERTY	19 PRESIDIO TERRACE	1/2 - 1 S	M59	90
RESIDENCE	3625 JACKSON STREET	1/2 - 1 SSE	O60	93
CHING PROPERTY	15 PRESIDIO TERRACE	1/2 - 1 S	M61	96
RESIDENCE	101 28TH ST	1/2 - 1 SSE	O65	103
IAN MAUSNER PROPERTY	3957 WASHINGTON ST	1/2 - 1 SSE	P67	107
GINGLES PROPERTY	3954 WASHINGTON ST	1/2 - 1 SSE	P69	113
BLEU PROPERTY	3930 WASHINGTON ST	1/2 - 1 SSE	P70	114
RESIDENCE	121 SPRUCE ST	1/2 - 1 SSE	O73	120
TRUST UW	3524 JACKSON ST	1/2 - 1 SSE	R77	127
E LUCE LIVING TRUST	3476 JACKSON ST	1/2 - 1 SE	R81	132
RESIDENCE	3445 JACKSON ST	1/2 - 1 SE	U87	147
GIANNINI PROPERTY	3929 CLAY ST	1/2 - 1 SSE	V88	147
FORD PROPERTY	3311 PACIFIC AVE	1/2 - 1 SE	90	150
RESIDENCE	3409 JACKSON ST	1 - 2 SE	U93	159
POWELL RESIDENCE	3645 WASHINGTON ST	1 - 2 SSE	X94	159
MOORE PROPERTY	3779 CLAY ST	1 - 2 SSE	AB105	180
KIRKHAM PROPERTY	3245 PACIFIC AVE	1 - 2 SE	109	186
RESIDENCE	2828 GREEN	1 - 2 ESE	Y110	189
RESIDENCE	2640 BAKER ST	1 - 2 ESE	115	195
RESIDENCE	530 LAKE ST	1 - 2 S	122	211
RESIDENCE	3906 SACRAMENTO ST	1 - 2 SSE	123	214
RESIDENCE	2699 FILBERT ST	1 - 2 ESE	AD125	220
EROME PROPERTY	3450 WASHINGTON ST	1 - 2 SE	AF129	225
CHILDREN'S HOSPITAL	3773 SACRAMENTO ST	1 - 2 SSE	AG130	227
RESIDENCE	3140 PACIFIC AVE	1 - 2 SE	AI135	239
SCHULTZ PROPERTY	2740 GREEN ST	1 - 2 ESE	AJ137	244
RESIDENCE	3511 CLAY ST	1 - 2 SE	150	267
BUCKLEY PROPERTY	2875 VALLEJO ST	1 - 2 ESE	AN151	270
UNOCAL SERVICE STATION #0155	3898 CALIFORNIA	1 - 2 S	AO152	273
2856 VALLE O ST	2856 VALLEJO ST	1 - 2 ESE	AN156	280
ALBERT PROPERTY	124 8 PRESIDIO AVE	1 - 2 SE	AP159	284

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RESIDENCE	3159 JACKSON ST	1 - 2 SE	AP161	287
CHEVRON	4201 CALIFORNIA ST	1 - 2 S	AQ162	287
RESIDENCE	3070 PACIFIC AVE	1 - 2 SE	AR178	318
3436 CLAY ST HOA	3436 CLAY ST	1 - 2 SE	AU180	323
HOMEOWNERS ASSOCIATION	3435 CLAY ST	1 - 2 SE	AU181	327
THEO SCHWABACHER ESTATE	3050 PACIFIC AVE	1 - 2 SE	AR189	345
WAGNER PROPERTY	3300 WASHINGTON ST	1 - 2 SE	AP194	349
RESIDENTIAL APARTMENT	3080 JACKSON ST	1 - 2 SE	AY198	361
RESIDENCE	2786 VALLEJO ST	1 - 2 ESE	BA201	365
MORRIS PROPERTY	2998 PACIFIC AVE	1 - 2 SE	AX204	372
RESIDENCE	42 4 PALM AVE	1 - 2 SSE	AZ206	376
SF UNIVERSITY HIGH SCHOOL	3065 JACKSON ST	1 - 2 SE	AY207	376
RESIDENTIAL APARTMENT	3460 SACRAMENTO ST	1 - 2 SE	BB210	382
WELLS PROPERTY	3340 CLAY ST	1 - 2 SE	BE213	386
EVANS PROPERTY	3334 CLAY ST	1 - 2 SE	BE214	389
3045 ACKSON ST HOA	3045 JACKSON ST	1 - 2 SE	AY215	392
RESIDENTIAL APARTMENT	3241 7 WASHINGTON ST	1 - 2 SE	BD218	397
MARTY SMIRICH PROPERTY	3221 WASHINGTON ST	1 - 2 SE	BD220	400
APARTMENT BUILDING	3300 CLAY ST	1 - 2 SE	BE225	406
RESIDENCE	3294 CLAY ST	1 - 2 SE	BE226	406
SFUSD	2940 PACIFIC AVE	1 - 2 ESE	BI230	415
RESIDENCE	2576 GREEN ST	1 - 2 ESE	BG234	422
SIMMONS RESIDENCE	77 JORDAN AVE	1 - 2 SSE	241	431
SHIRLEY PROPERTY	2555 GREEN ST	1 - 2 ESE	BG246	438
UCSF LAUREL HEIGHTS	3333 CALIFORNIA ST	1 - 2 SE	BM250	448
RESIDENTIAL	2663 DIVISADERO ST	1 - 2 ESE	BN252	452
DELANCY STREET PROPERTY	2563 DIVISADERO ST	1 - 2 ESE	BR268	485
FINLEY PROPERTY	2815 PACIFIC AVE	1 - 2 ESE	BP271	491
2864 66 ACKSON ST HOA	2864 JACKSON ST	1 - 2 ESE	BS273	497
2435 UNION ST	2435 UNION ST	1 - 2 ESE	BU277	502
ARIMA PROPERTY	343 5TH AVE	1 - 2 S	288	521
RESIDENCE	2566 VALLEJO ST	1 - 2 ESE	BZ290	524
RESIDENCE	158 JORDAN AVE	1 - 2 SSE	297	534
2785 ACKSON ST HOA	2785 JACKSON ST	1 - 2 ESE	CC301	546
HERERRA BUICK FORMER	3700 GEARY BLVD	1 - 2 S	CG322	591
PULLMAN PROPERTY	3855 GEARY BLVD	1 - 2 S	325	596
CHEVRON	3675 GEARY BLVD	1 - 2 S	CG330	608
FRENCH HOSPITAL MED	4131 GEARY BLVD	1 - 2 S	CJ333	611
ST VINCENT DE PAUL CHURCH	2320 GREEN ST	1 - 2 ESE	CK335	614
RESIDENCE	2500 BROADWAY ST	1 - 2 ESE	CE337	618
YEDIDA PROPERTIES	2952 CALIFORNIA ST	1 - 2 SE	CL341	627
UNOCAL	3501 GEARY BLVD	1 - 2 SSE	CN343	628
TEXACO	3445 GEARY BLVD	1 - 2 SSE	CN347	638
RESIDENCE	750 PRESIDIO AVE	1 - 2 SE	CQ351	645
SHELL	4501 GEARY BLVD	1 - 2 S	CM353	651
SAN FRANCISCO FRENCH BREA	399 10TH	1 - 2 SSW	355	658
CHANDLER PROPERTIES	2890 CALIFORNIA ST	1 - 2 SE	CR357	664
CASON PROPERTY	2430 BROADWAY ST	1 - 2 ESE	CU361	670
APARTMENTS	2250 GREEN	1 - 2 ESE	CW364	674
2878 SACRAMENTO ST PROPER	2878 SACRAMENTO	1 - 2 SE	CX366	678
DILLINGHAM PROPERTY	2219 SCOTT ST	1 - 2 ESE	CZ370	688
RESIDENCE	2750 SUTTER ST	1 - 2 SE	CQ374	692
HONDA AUTO PROPERTY	2941 GEARY BLVD	1 - 2 SSE	DA378	700
FRANK SERPA PROPERTY	2931 GEARY BLVD	1 - 2 SSE	DA379	703
SFPD RICHMOND STATION	461 6TH AVE	1 - 2 S	380	706
UNOCAL	4850 GEARY BLVD	1 - 2 SSW	DC387	716

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
2800 CALIFORNIA ST	2800 CALIFORNIA ST	1 - 2 SE	DD390	723
FIRESTONE	2800 GEARY BLVD	1 - 2 SSE	DE392	732
GRAHAM PROPERTY	2787 CALIFORNIA ST	1 - 2 SE	DD397	739
RESIDENTIAL PAARTMENT	2169 GREEN	1 - 2 ESE	DG401	745
PUBLIC STORAGE	2690 GEARY BLVD	1 - 2 SSE	DH403	749
SEARS	2675 GEARY BLVD	1 - 2 SSE	DH405	755
MULTI UNIT RREIDENTIAL	2134 GREEN ST	1 - 2 ESE	DG406	755
RESIDENCE	2295 BROADWAY ST	1 - 2 ESE	DJ411	762
SFFD STATION #12	145 STANYAN	1 - 2 SSE	419	774
2265 BROADWAY HOA	2265 BROADWAY ST	1 - 2 ESE	DJ421	775
SHELTON PROPERTIES	250 SEA CLIFF AVE	1 - 2 WSW	DN423	781
MEYER PROPERTY	2190 VALLEJO ST	1 - 2 ESE	429	792
2360 PACIFIC AVE HOA	2360 PACIFIC AVE	1 - 2 ESE	DQ431	796
RESIDENCE	2645 SACRAMENTO ST	1 - 2 ESE	DR433	798
RESIDENTIAL APARTMENTS	300 SEA CLIFF	1 - 2 WSW	DN435	802
RESIDENCE	2052 GREEN ST	1 - 2 ESE	DM436	804
RESIDENTIAL	487 9 14TH AVE	1 - 2 SSW	DS438	808
RESIDENCE	308 SEA CLIFF	1 - 2 WSW	DN440	811
OE'S GAS	2399 POST ST	1 - 2 SE	DU447	822
RESIDENCE	2590 SACRAMENTO ST	1 - 2 ESE	DR453	829
PETS UNLIMITED	2343 FILLMORE ST	1 - 2 ESE	DV457	835
W RHEINBERGER ESTATE	2325 JACKSON ST	1 - 2 ESE	DW458	839
RESIDENCE	2280 PACIFIC AVE	1 - 2 ESE	460	842
PACIFIC HEIGHTS SHELL	2501 CALIFORNIA ST	1 - 2 ESE	DY466	856
WEBSTER ASSOCIATES	2411 WEBSTER ST	1 - 2 ESE	DW468	860
2400 WEBSTER ST HOA	2400 WEBSTER ST	1 - 2 ESE	DW471	866
UNOCAL	301 25TH AVE	1 - 2 SW	EA475	876
PENG PROPERTY	2100 BROADWAY ST	1 - 2 ESE	ED484	892
SUSAN COHEN RESIDENCE	132 28TH AVE	1 - 2 SW	486	895
FRIARY OF ST DOMINIC'S	2390 BUSH ST	1 - 2 SE	EC487	898
RESIDENCE 3 UNITS	2235 JACKSON ST	1 - 2 ESE	EE489	903
TEXACO	2201 GEARY BLVD	1 - 2 SE	EG496	915
2160 PACIFIC HOA	2160 PACIFIC AVE	1 - 2 ESE	EI503	929
SHELL	2299 BUSH ST	1 - 2 SE	EH505	932
RESIDENCE	1261 BRODERICK ST	1 - 2 SE	EJ508	939
UNIVERSITY OF SAN FRANCIS	650 PARKER	1 - 2 SSE	510	942
2170 ACKSON ST CORP	2170 JACKSON ST	1 - 2 ESE	EL513	948
RESIDENCE	625 EL CAMINO DEL MAR	1 - 2 SW	EN517	954
2101 PACIFIC PARTNERS PRO	2101 PACIFIC	1 - 2 ESE	EP519	959
RESIDENTIAL BUILDING	2295 CALIFORNIA ST	1 - 2 ESE	EK528	973
BEN AMIN FRANKLIN MIDDLE	1430 SCOTT	1 - 2 SE	ER530	977
1325 DIVISADERO ST CONDOS	1325 DIVISADERO ST	1 - 2 SE	ES532	981
OLYMPIAN OIL COMPANY	2201 BUSH ST	1 - 2 ESE	EQ536	988
COMMERCIAL	2535 CLEMENT ST	1 - 2 SW	EU537	991
TOSCO 76	1301 DIVISADERO ST	1 - 2 SE	ES541	998
RESIDENCE	710 EL CAMINO DEL MAR	1 - 2 SW	EN542	1000
ESCOBOSA PROPERTY	2100 JACKSON ST	1 - 2 ESE	EW546	1011
RESIDENTIAL APARTMENT	2243 FULTON	1 - 2 SSE	EX549	1015
RESIDENTIAL APARTMENT	2237 FULTON ST	1 - 2 SSE	EX552	1021
ROGERS PROPERTY	1995 TURK ST	1 - 2 SE	EY553	1021
UNIVERSITY OF SAN FRANCIS	2130 FULTON	1 - 2 SSE	FA558	1028
RESIDENTIAL APARTMENT	2155 BUCHANAN ST	1 - 2 ESE	FB561	1034
MASONIC AUTO SERVICE	500 MASONIC AVE	1 - 2 SSE	FC563	1035
ROSENBERG FAMILY FUND	6099 GEARY BLVD	1 - 2 SW	565	1042
APA TMENTS	1990 SUTTER	1 - 2 SE	571	1050
APARTMENT BUILDING	1901 TURK ST	1 - 2 SE	580	1063

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ST MARYS HOSPITAL	450 STANYAN ST	1 - 2 SSE	EZ581	1064
RESIDENCE	1977 PACIFIC AVE	1 - 2 ESE	583	1068
RESIDENTIAL	2151 LAGUNA ST	1 - 2 ESE	FE585	1074
RESIDENCE	2550 GOUGH ST	1 - 2 E	FF587	1079
DE YOUNG & SHORKEY PROPER	1888 GOLDEN GATE	1 - 2 SE	FG588	1080
RESIDENCE	17 ASHBURY ST	1 - 2 SSE	590	1083
SFFD STATION #38	2150 CALIFORNIA ST	1 - 2 ESE	FI593	1092
RESIDENTIAL	2150 GROVE ST	1 - 2 SSE	FH595	1095
KRIPALANI PROPERTY	2255 OCTAVIA ST	1 - 2 ESE	FJ597	1098
RESIDENTIAL	2195 SACRAMENTO ST	1 - 2 ESE	FE601	1106
PACIFIC COAST HOSPITAL	1210 SCOTT ST	1 - 2 SE	FK604	1111
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BARONE PROPERTY	3054 LYON ST	1/2 - 1 ESE	G31	39
DICKIE TRUST	2665 CHESTNUT ST	1/2 - 1 E	G37	49
CLAREMONT REALTY	755 MARINA BLVD	1/2 - 1 ENE	56	84
RESIDENTIAL APARTMENT	2830 LYON ST	1/2 - 1 ESE	N58	90
RESIDENCE	3733 BRODERICK ST	1/2 - 1 ENE	Q75	122
RESIDENTIAL BUILDING	3333 BRODERICK ST	1/2 - 1 E	S79	131
LINDEMANN PROPERTY	2815 FILBERT ST	1/2 - 1 ESE	82	135
CRESCI PROPERTY	3239 BRODERICK ST	1/2 - 1 E	T85	143
BAASTAD PROPERTY	2147 BEACH ST	1/2 - 1 E	W91	153
RESIDENCE	1980 JEFFERSON ST	1 - 2 ENE	Z99	169
ARCO	2 RICHARDSON AVE	1 - 2 E	AA100	169
EXXON	2601 LOMBARD ST	1 - 2 ESE	AA103	176
FREDERICK PROPERTY	2232 NORTHPOINT ST	1 - 2 E	104	177
UNKNOWN	611 MARINA BLVD	1 - 2 ENE	AC114	193
RESIDENCE	3731 DIVISADERO ST	1 - 2 E	W116	199
LABRUZZO PROPERTY	3701 DIVISADERO ST	1 - 2 E	W117	202
2101 BEACH ST HOA	2101 BEACH ST	1 - 2 E	W119	207
PINNEY ESTATE	3819 DIVISADERO ST	1 - 2 ENE	Z121	210
VENICE PROPERTIES	2301 FRANCISCO ST	1 - 2 E	AE126	221
GIORDANO PROPERTY	555 MARINA BLVD	1 - 2 ENE	AC132	231
MOBIL	2498 LOMBARD ST	1 - 2 E	AK140	248
RESIDENCE	537 MARINA BLVD	1 - 2 ENE	AM149	266
B & F INVESTMENTS	3820 SCOTT ST	1 - 2 E	AS166	293
2000 BEACH ST APTS	2000 BEACH ST	1 - 2 E	AS168	299
MARINA GREEN HOA	3825 SCOTT ST	1 - 2 E	AS169	302
3835 SCOTT ST HOA	3835 SCOTT ST	1 - 2 E	AS170	305
RESIDENCE	1801 JEFFERSON ST	1 - 2 E	AS173	311
SCHOEPP PROPERTY	3750 SCOTT ST	1 - 2 E	AS175	315
RESIDENTIAL APARTMENT	5 PRADO ST	1 - 2 E	AS176	315
DILL PROPERTY	501 MARINA BLVD	1 - 2 ENE	AM185	335
RESIDENTIAL APARTMENTS	2100 BAY ST	1 - 2 E	AL186	339
HICKS PROPERTY	2201 FRANCISCO ST	1 - 2 E	AW191	345
RESIDENCE	290 ALHAMBRA ST	1 - 2 E	AW195	352
SAYED PROPERTY	2536 GREENWICH ST	1 - 2 ESE	203	368
MAOINCHI PROPERTY	250 AVILA ST	1 - 2 E	BC211	382
RESIDENCE	431 AVILA ST	1 - 2 ENE	229	412
DYNASTY FOUNDATION	1901 BEACH ST	1 - 2 E	BJ236	423
3554 PIERCE ST	3554 PIERCE ST	1 - 2 E	BC238	428
SAN FRANCISCO POLICE DEPA	2475 GREENWICH	1 - 2 E	BF240	431
BUCK PROPERTY	2386 90 LOMBARD ST	1 - 2 E	BF242	434
RESIDENCE	3415 PIERCE ST	1 - 2 E	BH244	435
SCIALANCE PROPERTY	75 CAPRA WY	1 - 2 E	BL248	442

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Lower Elevation	Address	Dist / Dir	Map ID	Page
RESIDENTIAL APARTMENT	96 TOLEDO	1 - 2 E	BO254	456
RESIDENCE	1830 BEACH ST	1 - 2 E	BJ255	456
125 CERVANTES BLVD	125 CERVANTES BLVD	1 - 2 E	BJ258	463
UNOCAL	2298 LOMBARD ST	1 - 2 E	BK261	472
RESIDENCE	40 CAPRA WY	1 - 2 E	BL265	479
98 CERVANTES	98 CERVANTES BLVD	1 - 2 E	BQ266	479
FLYNN PROPERTY	1801 BEACH ST	1 - 2 E	BQ267	482
DI MAGGIO PROPERTY	10 CAPRA WY	1 - 2 E	BL270	488
RESIDENCE	225 MALLORCA WY	1 - 2 E	BW280	507
CERVANTES PARTNERSHIP	65 CERVANTES BLVD	1 - 2 E	BY283	513
APARTMENT	7 CASA WY	1 - 2 E	BV287	518
RESIDENCE	1745 BEACH ST	1 - 2 E	BY292	526
ZAVETSKY RESIDENCE	160 MALLORCA WY	1 - 2 E	CA295	531
SHELL OIL CO	2199 LOMBARD	1 - 2 E	CB299	540
RESIDENCE	2 ALHAMBRA ST	1 - 2 E	CD305	556
RESIDENCE	44 CERVANTES BLVD	1 - 2 E	CD306	559
RESIDENCE	25 CERVANTES ST	1 - 2 E	CD307	562
RESIDENCE	3711 FILLMORE ST	1 - 2 E	CF311	571
RESIDENCE	1701 BEACH ST	1 - 2 E	CF313	575
RESIDENCE	3675 FILLMORE ST	1 - 2 E	CF314	575
RESIDENCE	3665 FILLMORE ST	1 - 2 E	315	578
RESIDENTIAL APARTMENT	2 CERVANTES BLVD	1 - 2 E	CD316	581
RESIDENTIAL APARTMENT	3535 FILLMORE ST	1 - 2 E	CA318	584
RESIDENCE	1695 BEACH ST	1 - 2 E	CF319	587
BIGLIERI PROPERTY	3025 STEINER ST	1 - 2 ESE	CH327	601
SFFD STATION #16	2251 GREENWICH ST	1 - 2 E	328	602
TEXACO	2098 LOMBARD ST	1 - 2 E	CP349	641
COW HOLLOW GARAGE	3060 FILLMORE ST	1 - 2 E	CY367	681
PETTERSEN PROPERTY	1 25TH AVE	1 - 2 WSW	368	684
RESIDENCE	2170 FILBERT ST	1 - 2 E	CS382	709
RESIDENCE	1580 BEACH ST	1 - 2 E	DB383	709
RESIDENCE	25 SEA CLIFF AVE	1 - 2 SW	CT385	713
SHINN PROPERTY	19 25TH AVE	1 - 2 SW	CT389	720
RESIDENCE	3250 WEBSTER ST	1 - 2 E	395	734
RESIDENCE	98 SEA CLIFF AVE	1 - 2 SW	DF396	736
CHEVRON	1598 BAY ST	1 - 2 E	DK414	765
SHELL OIL CO	1600 BAY	1 - 2 E	DK415	768
GASHOUSE COVE MARINA STAT	10 MARINA	1 - 2 E	DT444	817
CHEVRON	1790 LOMBARD ST	1 - 2 E	DX462	849
RESIDENTIAL APARTMENT	1770 LOMBARD ST	1 - 2 E	DX478	881
1435 BAY ST HOA	1435 BAY ST	1 - 2 E	EB481	885
RESIDENTIAL APARTMENT	3320 OCTAVIA ST	1 - 2 E	EF491	906
RESIDENTIAL PROPERTY	1618 LOMBARD ST	1 - 2 E	ET534	985
RESIDENCE	3055 GOUGH ST	1 - 2 E	EO543	1003
ARCO	1599 LOMBARD ST	1 - 2 E	ET548	1012
RESIDENTIAL APARTMENT	1237 CHESTNUT ST	1 - 2 E	FD574	1054

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, has revealed that there are 4 Notify 65 sites

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within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RESIDENCE	2828 GREEN	1 - 2 ESE	Y110	189
RESIDENCE	2828 GREEN	1 - 2 ESE	Y112	192
RESIDENCE	2828 GREEN	1 - 2 ESE	Y113	192
UNOCAL SERVICE STATION #0155	3898 CALIFORNIA	1 - 2 S	AO152	273

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PRESIDIO TRANSFER STATION	PARK BOULEVARD, THE PRE	1/4 - 1/2 SW	A6	11

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 04/13/2004 has revealed that there are 382 LUST sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PRESIDIO OF SAN FRANCISCO UST	342 INFANTRY TERRACE	1/4 - 1/2 S	C13	23
PRESIDIO OF SAN FRANCISCO UST	343 INFANTRY TERRACE	1/4 - 1/2 S	C14	24
PRESIDIO OF SAN FRANCISCO UST	339 INFANTRY TERRACE	1/4 - 1/2 S	C15	25
PRESIDIO OF SAN FRANCISCO UST	338 INFANTRY TERRACE	1/4 - 1/2 S	C17	27
PRESIDIO OF SAN FRANCISCO UST	42 MORAGA AVENUE	1/4 - 1/2 SE	D19	28
PRESIDIO OF SAN FRANCISCO UST	334 INFANTRY TERRACE	1/4 - 1/2 S	20	29
PRESIDIO OF SAN FRANCISCO UST	328 INFANTRY TERRACE	1/4 - 1/2 S	21	30
PRESIDIO OF SAN FRANCISCO UST	12 FUNSTON AVENUE	1/4 - 1/2 SE	E23	32
PRESIDIO OF SAN FRANCISCO UST	11 FUNSTON AVENUE	1/4 - 1/2 SE	E24	33
PRESIDIO OF SAN FRANCISCO BLDG	3 FUNSTON AVENUE	1/4 - 1/2 SE	E27	36
PRESIDIO OF SAN FRANCISCO UST	1233 UPTON STREET	1/2 - 1 WSW	30	38
PRESIDIO OF SAN FRANCISCO GOLF	WEST PACIFIC AVE AND AR	1/2 - 1 SSE	H32	42
1X DR. LEONARD GORDON	1 CHERRY STREET	1/2 - 1 SSE	I33	43
1 CHERRY ST	1 CHERRY ST	1/2 - 1 SSE	I34	44
PRESIDIO OF SAN FRANCISCO UST	748/750 LIGGETT AVE	1/2 - 1 SE	J35	46
PRESIDIO OF SAN FRANCISCO UST	749/751 LIGGETT AVENUE	1/2 - 1 SE	J36	48
APARTMENT BUILDING	41 ARGUELLO BL.	1/2 - 1 S	H38	50
RESIDENCE	3899 JACKSON STREET	1/2 - 1 S	H40	53
RESIDENCE	3885 JACKSON STREET	1/2 - 1 SSE	H42	57
RESIDENTIAL APT.	3769 JACKSON STREET	1/2 - 1 SSE	I43	59
RESIDENCE	110 CHERRY STREET	1/2 - 1 SSE	I45	63
RESIDENCE	3756 JACKSON STREET	1/2 - 1 SSE	I47	66
RESIDENCE	3736 JACKSON ST	1/2 - 1 SSE	49	70
ARDENBROOK INC	139 CHERRY STREET	1/2 - 1 SSE	K51	74
ARDEN BROOK INC PROPERT	139 CHERRY	1/2 - 1 SSE	K52	76
SOOY RESIDENCE	9 05TH AVE	1/2 - 1 S	L53	77
SUSAN MCBAIN	20 PRESIDIO TERRACE	1/2 - 1 S	M55	81
EHRlich PROPERTY	19 PRESIDIO TERRACE	1/2 - 1 S	M59	90

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<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RESIDENCE	3625 JACKSON STREET	1/2 - 1 SSE	O60	93
CHING RESIDENCE	15 PRESIDIO TERRACE	1/2 - 1 S	M62	96
LISLE PAYNE	3616 JACKSON ST	1/2 - 1 SSE	O63	99
KERNER PROPERTY	101 SPRUCE STREET	1/2 - 1 SSE	O64	100
RESIDENCE	101 28TH ST	1/2 - 1 SSE	O65	103
PRESIDIO OF SAN FRANCISCO UST	69 PRESIDIO BOULEVARD	1/2 - 1 SE	66	106
IAN MAUSNER PROPERTY	3957 WASHINGTON ST	1/2 - 1 SSE	P67	107
GINGLES PROPERTY	3954 WASHINGTON STREET	1/2 - 1 SSE	P68	111
BLEU PROPERTY	3930 WASHINGTON STREET	1/2 - 1 SSE	P71	114
RESIDENCE	121 SPRUCE STREET	1/2 - 1 SSE	O72	117
RESIDENCE	3524 JACKSON STREET	1/2 - 1 SSE	R76	125
1X ELIZABETH LUCE	3476 JACKSON STREET	1/2 - 1 SE	R80	131
E LUCE LIVING TRUST	3476 JACKSON ST	1/2 - 1 SE	R81	132
RESIDENCE	3445 JACKSON STREET	1/2 - 1 SE	U86	144
GIANNININ PROPERTY	3929 CLAY STREET	1/2 - 1 SSE	V89	148
FORD PROPERTY	3311 PACIFIC AVE	1/2 - 1 SE	90	150
RESIDENCE	3409 JACKSON STREET	1 - 2 SE	U92	156
POWELL RESIDENCE	3645 WASHINGTON STREET	1 - 2 SSE	X95	160
RESIDENTIAL PROPERTY	2867-2869 GREEN STREET	1 - 2 ESE	Y97	165
MOORE PROPERTY	3779 CLAY STREET	1 - 2 SSE	AB106	180
RESIDENTIAL PROPERTY	313 MAPLE STREET	1 - 2 SSE	AB107	183
AAPARTMENTS	325 MAPLE STREET	1 - 2 SSE	AB108	184
KIRKHAM PROPERTY	3245 PACIFIC AVE	1 - 2 SE	109	186
2828 GREEN ST.	2828 GREEN STREET	1 - 2 ESE	Y111	189
RESIDENCE	2640 BAKER ST	1 - 2 ESE	115	195
RESIDENCE	530 LAKE ST	1 - 2 S	122	211
RESIDENCE	3906 SACRAMENTO ST	1 - 2 SSE	123	214
RESIDENCE	2699 FILBERT STREET	1 - 2 ESE	AD124	217
DAISY ERMONE	3450 WASHINGTON STREET	1 - 2 SE	AF128	224
EROME PROPERTY	3450 WASHINGTON ST	1 - 2 SE	AF129	225
CHILDREN'S HOSPITAL	3773 SACRAMENTO ST	1 - 2 SSE	AG130	227
THE 830 LAKE ST HOA	830 LAKE ST	1 - 2 SSW	134	236
RESIDENCE	3140 PACIFIC AVE	1 - 2 SE	AI135	239
SCHULTZ PROPERTY	2740 GREEN STREET	1 - 2 ESE	AJ138	244
RESIDENTIAL	2330 LYON STREET	1 - 2 SE	AI143	254
RICARD THALHEIMER	2330 LYON ST	1 - 2 SE	AI144	256
AGNES ALBERT TRUST	2320 LYON ST	1 - 2 SE	AI145	257
MR FERGUSON	3398 WASHINGTON ST	1 - 2 SE	AF146	259
RESIDENCE	3511 CLAY ST	1 - 2 SE	150	267
BUCKLEY PROPERTY	2875 VALLEJO ST	1 - 2 ESE	AN151	270
UNOCAL #155-LEWIS&SONS UNION76	3898 CALIFORNIA ST	1 - 2 S	AO153	274
RESIDENTIAL PROPERTY	2730 BRODERICK STREET	1 - 2 ESE	AJ154	277
ALBERT PROPERTY	124-128 PRESIDIO AVE	1 - 2 SE	AP155	279
DAVID BRADFORD	2856 VALLEJO STREET	1 - 2 ESE	AN157	280
2856 VALLEJO STREET	2856 VALLEJO STREET	1 - 2 ESE	AN158	281
RESIDENCE	3159 JACKSON STREET	1 - 2 SE	AP160	284
CHEVRON STATION #9-0113	4201 CALIFORNIA STREET	1 - 2 S	AQ163	288
RESIDENTIAL	3080 PACIFIC AVE	1 - 2 SE	AR164	290
RESIDENCE	3080 PACIFIC AVENUE	1 - 2 SE	AR165	292
RESIDENCE	3070 PACIFIC AVE	1 - 2 SE	AR178	318
3436 CLAY ST HOA	3436 CLAY ST	1 - 2 SE	AU180	323
HOMEOWNERS ASSOCIATION	3435 CLAY ST	1 - 2 SE	AU181	327
RESIDENTIAL PROPERTY	2684 GREEN STREET	1 - 2 ESE	AJ183	331
APARTMENTS	3715 CALIFORNIA ST	1 - 2 SSE	AV184	333
THEO T. SCHWABACHER ESTATE	3050 PACIFIC AVE.	1 - 2 SE	AR188	342
WAGNER PROPERTY	3300 WASHINGTON ST	1 - 2 SE	AP194	349

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APARTMENT BUILDING	3015 PACIFIC AVE	1 - 2 SE	AX197	358
RESIDENTIAL APT.	3080 JACKSON STREET	1 - 2 SE	AY199	361
EVELYN GAINES	42-44 PALM AVE	1 - 2 SSE	AZ200	364
RESIDENCE	2786 VALLEJO STREET	1 - 2 ESE	BA202	366
RESIDENCE	2998 PACIFIC AVE	1 - 2 SE	AX205	373
SF UNIVERSITY HIGH SCHOOL	3065 JACKSON STREET	1 - 2 SE	AY208	376
RESIDENTIAL APT.	3460 SACRAMENTO STREET	1 - 2 SE	BB209	379
RESIDENTIAL APT.	3241-3247 WASHINGTON ST	1 - 2 SE	BD212	385
WELLS PROPERTY	3340 CLAY ST	1 - 2 SE	BE213	386
EVANS PROPERTY	3334 CLAY ST	1 - 2 SE	BE214	389
3045 JACKSON ST. H.O.A.	3045 JACKSON STREET	1 - 2 SE	AY216	393
MARTY SMIRICH PROPERTY	3221 WASHINGTON STREET	1 - 2 SE	BD219	397
RESIDENCE	2835 DIVISADERO ST	1 - 2 ESE	BG221	400
APARTMENT BUILDING	3300 CLAY STREET	1 - 2 SE	BE224	403
RESIDENCE	3294 CLAY ST	1 - 2 SE	BE226	406
RESIDENCE	2949-51 PACIFIC AVE	1 - 2 ESE	BI227	409
ANLYAN REVOCABLE	2518 FILBERT ST	1 - 2 ESE	E228	410
S.F. UNIFIED	2940 PACIFIC AVE	1 - 2 ESE	BI231	416
S.F. UNIFIED SCHOOL DISTRICT	2940 PACIFIC AVE	1 - 2 ESE	BI232	418
RESIDENCE	2576 GREEN STREET	1 - 2 ESE	BG233	419
SIMMONS RESIDENCE	77 JORDAN AVE	1 - 2 SSE	241	431
SHIRLEY PROPERTY	2555 GREEN ST	1 - 2 ESE	BG246	438
UCSF-LAUREL HEIGHTS CAMPUS	3333 CALIFORNIA STREET	1 - 2 SE	BM249	445
FORMER ROBINSON RESIDENCE	2663 DIVISADERO STREET	1 - 2 ESE	BN251	450
RICHA D FAVE NETTI	2855 PACIFIC AVE	1 - 2 ESE	BP256	459
RESIDENTIAL	2855 PACIFIC AVE	1 - 2 ESE	BP257	461
DELANCEY STREET PROPERTY	2563 DIVISADERO STREET	1 - 2 ESE	BR269	485
FINLEY PROPERTY	2815 PACIFIC AVE	1 - 2 ESE	BP271	491
HOA - 2864 JACKSON ST.	2864 JACKSON STREET	1 - 2 ESE	BS272	494
1X CHEVRON USA, STATION #90197	3201 CALIFORNIA STREET	1 - 2 SE	BT274	498
CHEVRON STATION #9-0107	3201 CALIFORNIA STREET	1 - 2 SE	BT275	500
2435 UNION ST.	2435 UNION STREET	1 - 2 ESE	BU278	503
FORMER COLISEUM	745 CLEMENT ST.	1 - 2 S	BX281	510
9TH/CLEMENT ASSOCIATES LLC	745 CLEMENT ST	1 - 2 S	BX282	511
RESIDENCE	2566 VALLEJO STREET	1 - 2 ESE	BZ289	521
RESIDENTIAL PROPERTY	2411 GREEN STREET	1 - 2 ESE	294	529
RESIDENCE	158 JORDAN AVE	1 - 2 SSE	297	534
2785 ACKSON ST HOA	2785 JACKSON ST	1 - 2 ESE	CC301	546
MAJOR PAINT & VARNISH COMPANY	3 MASONIC AVE	1 - 2 SE	304	554
TOM SCHOOL FOR BOYS	2750 JACKSON STREET	1 - 2 ESE	CC308	564
RESIDENCE	2550 BROADWAY ST	1 - 2 ESE	CE309	566
HERERRA BUICK (FORMERLY)	3700 GEARY BL	1 - 2 S	CG323	591
PULLMAN PROPERTY	3855 GEARY BLVD	1 - 2 S	325	596
CHEVRON STATION #9-0585	3675 GEARY BL	1 - 2 S	CG329	605
FRENCH HOSPITAL MED	4131 GEARY BLVD	1 - 2 S	CJ333	611
ST. VINCENT DE PAUL CHURCH	2320 GREEN STREET	1 - 2 ESE	CK336	615
RESIDENCE	2500 BROADWAY ST	1 - 2 ESE	CE337	618
RESIDENCE	2500 VAN NESS AVE	1 - 2 ESE	CE338	621
PETER YEDIDIA	2952 CALIFORNIA STREET	1 - 2 SE	CL339	624
YEDIDA PROPERTY	2952 CALIFORNIA STREET	1 - 2 SE	CL340	625
UNOCAL #5459 - IRWIN UNION	3501 GEARY BLVD	1 - 2 SSE	CN344	628
RESIDENTIAL PROPERTY	1324-26 CLEMENT ST	1 - 2 SSW	CO345	634
TEXACO (FORMER) STATION	3445 GEARY BL	1 - 2 SSE	CN346	635
RESIDENCE	750 PRESIDIO AVE	1 - 2 SE	CQ351	645
SHELL SERVICE STATION	4501 GEARY BL	1 - 2 S	CM352	649
SAN FRANCISCO FRENCH BREA	399 10TH	1 - 2 SSW	355	658

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CHANDLER PROPERTIES	2890 CALIFORNIA STREET	1 - 2 SE	CR356	661
RESIDENCE	95 WEST CLAY STREET	1 - 2 SW	360	667
CASON PROPERTY	2430 BROADWAY STREET	1 - 2 ESE	CU362	670
SHELL-BRANDED SERVICE STATION	3035 GEARY BLVD.	1 - 2 SSE	CV363	673
APARTMENT BUILDING	2250 GREEN STREET	1 - 2 ESE	CW365	675
2878 SACRAMENTO ST PROPER	2878 SACRAMENTO	1 - 2 SE	CX366	678
DILLINGHAM PROPERTY	2219 SCOTT STREET	1 - 2 ESE	CZ371	688
RESIDENCE	2750 SUTTER STREET	1 - 2 SE	CQ375	692
HONDA AUTO PROPERTY	2941 GEARY BLVD	1 - 2 SSE	DA378	700
FRANK SERPA PROPERTY	2931 GEARY BLVD	1 - 2 SSE	DA379	703
UNOCAL #54-LEONG, INC.	4850 GEARY BLVD	1 - 2 SSW	DC388	717
2800 CALIFORNIA ST	2800 CALIFORNIA ST	1 - 2 SE	DD390	723
FIRESTONE #3660	2800 GEARY BLVD	1 - 2 SSE	DE391	726
BRIDGESTONG/FIRESTONE	2800 GEARY BL	1 - 2 SSE	DE393	732
GRAHAM PROPERTY	2787 CALIFORNIA STREET	1 - 2 SE	DD398	740
RESIDENTIAL APT.	2169 GREEN STREET	1 - 2 ESE	DG402	746
PUBLIC STORAGE	2690 GEARY BLVD	1 - 2 SSE	DH403	749
SEARS, ROEBUCK & CO.	2675 GEARY BLVD	1 - 2 SSE	DH404	752
MULTI-UNIT RESIDENTIAL	2134 GREEN STREET	1 - 2 ESE	DG407	756
RESIDENTIAL	2730 SACRAMENTO	1 - 2 ESE	DI409	759
RESIDENTIAL APARTMENT	2730 SACRAMENTO	1 - 2 ESE	DI410	760
RESIDENCE	2295 BROADWAY STREET	1 - 2 ESE	DJ412	762
COMMERCIAL PROPERTY	2459 JACKSON STREET	1 - 2 ESE	E418	772
2265 BROADWAY HOA	2265 BROADWAY ST	1 - 2 ESE	DJ421	775
APARTMENT BUILDING	2090 GREEN ST	1 - 2 ESE	DM422	778
SHELTON PROPERTIES	250 SEA CLIFF AVE	1 - 2 WSW	DN423	781
RESIDENCE	1901 SCOTT	1 - 2 SE	424	784
CALVARY	2515 FILLMORE ST	1 - 2 ESE	DP427	789
CALVARY PRESBYTERIAN CHURCH	2515 FILLMORE ST	1 - 2 ESE	DP428	791
MEYER PROPERTY	2190 VALLEJO ST	1 - 2 ESE	429	792
HOA - 2360 PACIFIC ST.	2360 PACIFIC AVE	1 - 2 ESE	DQ430	795
2360 PACIFIC AVE HOA	2360 PACIFIC AVE	1 - 2 ESE	DQ431	796
RESIDENCE	2645 SACRAMENTO STREET	1 - 2 ESE	DR434	799
RESIDENTIAL APARTMENTS	300 SEA CLIFF	1 - 2 WSW	DN435	802
RESIDENCE	2052 GREEN STREET	1 - 2 ESE	DM437	805
RESIDENCE	308 SEACLIFF AVE	1 - 2 WSW	DN439	808
ACK QUON & MICHAEL MAY	487-489 14TH AVE	1 - 2 SSW	DS442	812
COMMERCIAL PROPERTY	2399 POST STREET	1 - 2 SE	DU445	817
JOES'S GAS	2399 POST STREET	1 - 2 SE	DU446	820
RESIDENCE	2610 SACRAMENTO STREET	1 - 2 ESE	DR450	824
RESIDENTIAL	2610 SACRAMENTO ST	1 - 2 ESE	DR451	825
RESIDENCE	2590 SACRAMENTO STREET	1 - 2 ESE	DR452	827
RESIDENTIAL	2480 WASHINGTON ST	1 - 2 ESE	DV455	832
RESIDENTIAL APARTMENT	2480 WASHINGTON ST	1 - 2 ESE	DV456	834
PETS UNLIMITED	2343 FILLMORE ST	1 - 2 ESE	DV457	835
WALLY RHEINBERGER ESTATE	2325 JACKSON STREET	1 - 2 ESE	DW459	840
RESIDENCE	2280 PACIFIC AVE	1 - 2 ESE	460	842
SHELL SERVICE STATION #5307	2501 CALIFORNIA STREET	1 - 2 ESE	DY464	853
CHEVRON STATION	2500 CALIFORNIA ST	1 - 2 ESE	DY465	855
CHEVRON STATION	2500 CALIFORNIA ST	1 - 2 ESE	DY467	857
WEBSTER ASSOCIATES	2411 WEBSTER ST	1 - 2 ESE	DW468	860
2400 WEBSTER ST HOA	2400 WEBSTER ST	1 - 2 ESE	DW471	866
RESIDENCE	2090 VALLEJO ST	1 - 2 ESE	472	869
UNOCAL STATION #3788	301 25TH AVE	1 - 2 SW	EA473	871
TOSCO/UNOCAL STATION #3788	301 25TH AVE.	1 - 2 SW	EA474	873
APARTMENTS	190 27TH AVE	1 - 2 SW	479	882

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ESTATE OF PEGGY LIPTON	1944-1948 GREEN STREET	1 - 2	ESE 483	890
PENG PROPERTY	2100 BROADWAY STREET	1 - 2	ESE ED485	892
SUSAN COHEN RESIDENCE	132 28TH AVE	1 - 2	SW 486	895
FRIARY OF ST DOMINIC'S	2390 BUSH ST	1 - 2	SE EC487	898
RESIDENCE - 3 UNIT FLAT	2235 JACKSON STREET	1 - 2	ESE EE490	903
TEXACO #0114	2201 GEARY BLVD	1 - 2	SE EG495	912
ESTHE BE GE & SHANA SZAMES	2210 JACKSON ST	1 - 2	ESE EE499	918
UNIVERSITY OF SAN FRANCISCO	2445 GOLDEN GATE AVE	1 - 2	SSE 500	921
2160 PACIFIC HOA	2160 PACIFIC AVE	1 - 2	ESE EI503	929
RONNY BERLAND	2160 PACIFIC AVE.	1 - 2	ESE EI504	930
SHELL SERVICE STATION #7204	2299 BUSH STREET	1 - 2	SE EH506	934
RESIDENTIAL APT.S	2703 LAGUNA ST/ 2000 VA	1 - 2	ESE 507	936
RESIDENCE	1261 BRODERICK STREET	1 - 2	SE EJ509	940
UNIVERSITY OF SAN FRANCIS	650 PARKER	1 - 2	SSE 510	942
APARTMENTS	2140 PACIFIC AVENUE	1 - 2	ESE EI511	945
COMMERCIAL PROPERTY	2355 CALIFORNIA ST	1 - 2	ESE EK512	947
2170 ACKSON ST CORP	2170 JACKSON ST	1 - 2	ESE EL513	948
2170 ACKSON STREET CORPORATIO	2170 JACKSON STREET	1 - 2	ESE EL514	949
CAROLYN GANDOLFO	2293-2295 WASHINGTON ST	1 - 2	ESE EM516	953
RESIDENCE	625 EL CAMINO DEL MAR	1 - 2	SW EN517	954
2101 PACIFIC PARTNERS LTD PROP	2101 PACIFIC AVE	1 - 2	ESE EP520	960
RESIDENTIAL APARTMENT	2226 BUSH ST	1 - 2	ESE EQ523	965
RESIDENTIAL	2226 BUSH ST	1 - 2	ESE EQ524	967
G REISING AND COMPANY	2226 BUSH ST	1 - 2	ESE EQ525	968
RESIDENTIAL BUILDING	2295 CALIFORNIA STREET	1 - 2	ESE EK527	971
BENJAMIN FRANKLIN MIDDLE SCH.	1430 SCOTT STREET	1 - 2	SE ER529	974
1325 DIVISADERO STREET CONDOS	1325 DIVISADERO STREET	1 - 2	SE ES531	978
OLYMPIAN OIL COMPANY	2201 BUSH ST	1 - 2	ESE EQ536	988
COMMERCIAL	2535 CLEMENT STREET	1 - 2	SW EU538	992
TOSCO 76	1301 DIVISADERO ST	1 - 2	SE ES541	998
RESIDENCE	710 EL CAMINO DEL MAR	1 - 2	SW EN542	1000
ESCOBOSA PROPERTY	2100 JACKSON STREET	1 - 2	ESE EW545	1008
RESIDENTIAL APT.	2243 FULTON STREET	1 - 2	SSE EX550	1015
RESIDENTIAL APT.S	2237 FULTON STREET	1 - 2	SSE EX551	1018
ROGERS PROPERTY	1995 TURK STREET	1 - 2	SE EY554	1022
RESIDENTIAL APARTMENT	416 STANYAN ST	1 - 2	SSE EZ555	1024
CATHOLIC HEALTHCARE WEST	416 STANYAN ST	1 - 2	SSE EZ556	1026
RESIDENTIAL	416 STANYAN ST	1 - 2	SSE EZ557	1026
UNIVERSITY OF SAN	2130 FULTON STREET	1 - 2	SSE FA559	1028
RESIDENTIAL APT.	2155 BUCHANAN STREET	1 - 2	ESE FB560	1031
MASONIC AUTO SERVICE	500 MASONIC AVE	1 - 2	SSE FC563	1035
ROSENBERG FAMILY FUND	6099 GEARY BLVD	1 - 2	SW 565	1042
RESIDENTIAL APARTMENT	2050 JACKSON ST	1 - 2	ESE EW567	1045
RESIDENTIAL	2050 JACKSON ST	1 - 2	ESE EW568	1046
GILBERT BAO	2050 JACKSON ST	1 - 2	ESE EW569	1048
APA TMENTS	1990 SUTTER	1 - 2	SE 571	1050
APARTMENTS	1900 EDDY STREET	1 - 2	SE 576	1057
RESIDENTIAL APARTMENTS	2186 CALIFORNIA ST	1 - 2	ESE FB578	1059
RESIDENTIAL PROPERTY	727 14TH AVE	1 - 2	SSW 579	1062
ST MARYS HOSPITAL AND MED CTR	450 STANYAN ST	1 - 2	SSE EZ582	1065
RESIDENCE	1977 PACIFIC AVE	1 - 2	ESE 583	1068
RESIDENTIAL	2151 LAGUNA ST	1 - 2	ESE FE585	1074
RESIDENCE	2550 GOUGH STREET	1 - 2	E FF586	1077
DE YOUNG & SHORKEY PROPERTY	1888 GOLDEN GATE AVE	1 - 2	SE FG589	1081
RESIDENCE	17 ASHBURY ST	1 - 2	SSE 590	1083
SACRAMENTO ST HOME OWNERS ASSO	2205 SACRAMENTO ST	1 - 2	ESE FE591	1086

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RESIDENTIAL APTS.	2190 GROVE STREET	1 - 2 SSE	FH592	1089
SFFD STATION #38	2150 CALIFORNIA STREET	1 - 2 ESE	FI594	1092
RESIDENCE	2150 GROVE STREET	1 - 2 SSE	FH596	1096
KRIPALANI PROPERTY	2255 OCTAVIA ST	1 - 2 ESE	FJ597	1098
NARESH KRIPALANI	2255 OCTAVIA STREET	1 - 2 ESE	FJ598	1101
RESIDENTIAL	2195 SACRAMENTO STREET	1 - 2 ESE	FE600	1103
PACIFIC COAST HOSPITAL	1210 SCOTT STREET	1 - 2 SE	FK603	1108
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PRESIDIO OF SAN FRANCISCO UST	105 MONTGOMERY STREET	1/4 - 1/2E	B2	8
PRESIDIO OF SAN FRANCISCO UST	103 MONTGOMERY STREET	1/4 - 1/2E	B3	9
PRESIDIO OF SAN FRANCISCO BLDG	68 MARTINEZ STREET	1/4 - 1/2ESE	F26	35
PRESIDIO OF SAN FRANCISCO UST	64 MARTINEZ AVENUE	1/4 - 1/2ESE	F28	37
BARONE PROPERTY	3054 LYON ST	1/2 - 1 ESE	G31	39
DICKIE TRUST	2665 CHESTNUT ST	1/2 - 1 E	G37	49
RESIDENCE	2375-2377 BAY ST	1/2 - 1 E	50	73
CLAREMONT REALTY	755 MARINA BLVD	1/2 - 1 ENE	56	84
RESIDENTIAL APT.	2830 LYON STREET	1/2 - 1 ESE	N57	87
APARTMENTS	3734-3736 BRODERICK	1/2 - 1 ENE	Q74	120
RESIDENCE	3733 BRODERICK ST	1/2 - 1 ENE	Q75	122
RESIDENTIAL BUILDING	3333 BRODERICK STREET	1/2 - 1 E	S78	128
LINDEMANN PROPERTY	2815 FILBERT ST	1/2 - 1 ESE	82	135
TINA MONDIN	675 MARINA BLVD	1/2 - 1 ENE	Q83	138
CRESCI PROPERTY	3239 BRODERICK STREET	1/2 - 1 E	T84	141
BAASTAD PROPERTY	2147 BEACH ST	1/2 - 1 E	W91	153
RESIDENCE	1980 JEFFERSON STREET	1 - 2 ENE	Z98	166
ARCO	2 RICHARDSON AVE	1 - 2 E	AA100	169
EXXON	2601 LOMBARD ST	1 - 2 ESE	AA101	172
FREDERICK PROPERTY	2232 NORTHPOINT ST	1 - 2 E	104	177
UNKNOWN	611 MARINA BLVD	1 - 2 ENE	AC114	193
RESIDENCE	3731 DIVISADERO ST	1 - 2 E	W116	199
LABRUZZO PROPERTY	3701 DIVISADERO ST	1 - 2 E	W117	202
HOA - 2101 BEACH ST.	2101 BEACH STREET	1 - 2 E	W118	204
PINNEY ESTATE	3819 DIVISADERO STREET	1 - 2 ENE	Z120	208
RESIDENCE	2301 FRANCISCO STREET	1 - 2 E	AE127	221
GIORDANO PROPERTY	555 MARINA BLVD	1 - 2 ENE	AC132	231
BP OIL SERVICE STATION	2498 LOMBARD STREET	1 - 2 E	AK141	248
MOBIL #D3V	2498 LOMBARD ST	1 - 2 E	AK142	250
SIMONE PROPERTY (FORMER)	2143-2145 BAY ST	1 - 2 E	AL147	262
RESIDENCE	537 MARINA BLVD.	1 - 2 ENE	AM148	264
B & F INVESTMENTS	3820 SCOTT ST	1 - 2 E	AS166	293
RESIDENCE	3800 SCOTT STREET	1 - 2 E	AS167	296
2000 BEACH ST APTS	2000 BEACH ST	1 - 2 E	AS168	299
MARINA GREEN HOA	3825 SCOTT ST	1 - 2 E	AS169	302
3835 SCOTT ST HOA	3835 SCOTT ST	1 - 2 E	AS170	305
RESIDENCE	1801 JEFFERSON STREET	1 - 2 E	AS172	309
1X MR. & MRS. WILLIAM SCHOEPP	3750 SCOTT STREET	1 - 2 E	AS174	312
RESIDENTIAL APT.	5 PRADO STREET	1 - 2 E	AS177	316
DILL PROPERTY	501 MARINA BLVD	1 - 2 ENE	AM185	335
RESIDENTIAL	2100 BAY ST	1 - 2 E	AL187	339
HICKS RESIDENCE	2201 FRANCISCO STREET	1 - 2 E	AW192	346
RESIDENCE	290 ALHAMBRA ST	1 - 2 E	AW195	352
RESIDENCE	485 MARINA BLVD.	1 - 2 ENE	196	355
SAYED PROPERTY	2536 GREENWICH ST	1 - 2 ESE	203	368
MAOINCHI PROPERTY	250 AVILA ST	1 - 2 E	BC211	382

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BUCK PROPERTY	2386-2390 LOMBARD STREE	1 - 2 E	BF222	401
RESIDENCE	431 AVILA ST	1 - 2 ENE	229	412
DYNASTY FOUNDATION TRUST	1901 BEACH ST	1 - 2 E	BJ235	422
DYNASTY FOUNDATION	1901 BEACH ST	1 - 2 E	BJ236	423
RESIDENTIAL APT.	3554 PIERCE STREET	1 - 2 E	BC237	425
SFPD YOUTH SERVICE BUREAU	2475 GREENWICH STREET	1 - 2 E	BF239	428
RESIDENCE	3415 PIERCE STREET	1 - 2 E	BH245	435
SCIALANCE PROPERTY	75 CAPRA WY	1 - 2 E	BL248	442
RESIDENTIAL APT.	96 TOLEDO WAY	1 - 2 E	BO253	453
RESIDENCE	1830 BEACH ST	1 - 2 E	BJ255	456
125 CERVANTES BLVD	125 CERVANTES BLVD	1 - 2 E	BJ258	463
PAUL DALMAS	175 ALHAMBRA ST	1 - 2 E	BO259	465
UNOCAL #5457-LOMBARD UNION 76	2298 LOMBARD ST	1 - 2 E	BK260	469
CHEVRON STATION #9-1300	2301 LOMBARD STREET	1 - 2 E	BK263	473
RESIDENCE	40 CAPRA WAY	1 - 2 E	BL264	476
98 CERVANTES	98 CERVANTES BLVD	1 - 2 E	BQ266	479
FLYNN PROPERTY	1801 BEACH ST	1 - 2 E	BQ267	482
DI MAGGIO PROPERTY	10 CAPRA WAY	1 - 2 E	BL270	488
RESIDENCE	42-44 CASA WAY	1 - 2 ENE	BV279	505
RESIDENCE	225 MALLORCA WY	1 - 2 E	BW280	507
CERVANTES PARTNERSHIP	65 CERVANTES BL	1 - 2 E	BY284	513
THE ESTATE OF ANNETTE R HENRY	2901 PIERCE ST	1 - 2 ESE	BU286	516
APARTMENT	7 CASA WAY	1 - 2 E	BV287	518
RESIDENCE	1745 BEACH STREET	1 - 2 E	BY293	526
ZAVETSKY RESIDENCE	160 MALLORCA WAY	1 - 2 E	CA296	531
RESIDENCE	145 MALLORCA WAY	1 - 2 E	CA298	537
SHELL STATION #6602	2199 LOMBARD STREET	1 - 2 E	CB300	543
OSEPH DIGNAN	1895 CHESTNUT ST	1 - 2 E	302	549
RESIDENCE	2 ALHAMBRA ST	1 - 2 E	CD305	556
RESIDENCE	44 CERVANTES BLVD	1 - 2 E	CD306	559
RESIDENCE	25 CERVANTES ST	1 - 2 E	CD307	562
RESIDENCE	3711 FILLMORE STREET	1 - 2 E	CF310	569
RESIDENCE	1701 BEACH STREET	1 - 2 E	CF312	572
RESIDENCE	3675 FILLMORE ST	1 - 2 E	CF314	575
RESIDENCE	3665 FILLMORE ST	1 - 2 E	315	578
RESIDENTIAL APARTMENT	2 CERVANTES BLVD	1 - 2 E	CD316	581
T. K. CHAN	3535 FILLMORE STREET	1 - 2 E	CA317	584
RESIDENTIAL APARTMENT	3535 FILLMORE ST	1 - 2 E	CA318	584
RESIDENCE	1695 BEACH STREET	1 - 2 E	CF320	588
UNOCAL #5469-MARINA UNION SERV	1798 BAY ST	1 - 2 E	CD324	594
BIGERII PROPERTY	3025 STEINER STREET	1 - 2 ESE	CH326	598
SFFD STATION #16	2251 GREENWICH ST	1 - 2 E	328	602
RESIDENTIAL APARTMENT	3423 FILLMORE STREET	1 - 2 E	CI331	608
RESIDENTIAL	3423 FILLMORE STREET	1 - 2 E	CI332	609
TEXACO (FORMER) STATION	2098 LOMBARD STREET	1 - 2 E	CP350	643
RESIDENTIAL PROPERTY	24 25TH AVE	1 - 2 SW	CT359	666
COW HOLLOW GARAGE	3060 FILLMORE ST	1 - 2 E	CY367	681
PETTERSEN PROPERTY	1 25TH AVE	1 - 2 WSW	368	684
RESIDENCE	2170 FILBERT STREET	1 - 2 E	CS381	706
RESIDENCE	1580 BEACH STREET	1 - 2 E	DB384	710
RESIDENCE	25 SEA CLIFF AVE	1 - 2 SW	CT385	713
SHINN PROPERTY	19 25TH AVE	1 - 2 SW	CT389	720
RESIDENCE	3250 WEBSTER ST	1 - 2 E	395	734
RESIDENCE	98 SEA CLIFF AVE	1 - 2 SW	DF396	736
RESIDENCE	160 SEA CLIFF AVENUE	1 - 2 SW	DF399	743
RESIDENCE	164 SEA CLIFF AVE	1 - 2 SW	DF400	744

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CHEVRON	1598 BAY ST	1 - 2 E	DK414	765
SHELL OIL CO	1600 BAY	1 - 2 E	DK415	768
CHEVRON STATION #9-90985	1598 BAY ST	1 - 2 E	DK416	770
SHELL SERVICE STATION #5703	1600 BAY ST	1 - 2 E	DK417	771
COMMERCIAL/RES.	1880 LOMBARD ST	1 - 2 E	DO425	786
COMMERCIAL/RES. DEVELOPMENT	1880 LOMBARD ST	1 - 2 E	DO426	788
CCSF - GASHOUSE COVE MARINA	10 MARINA BL	1 - 2 E	DT443	814
UNOCAL #5465-COW HOLLOW UNOCAL	1801 LOMBARD ST	1 - 2 E	DX461	846
CHEVRON	1790 LOMBARD ST	1 - 2 E	DX462	849
CHEVRON STATION #9-3535	1790 LOMBARD ST	1 - 2 E	DX463	851
RESIDENTIAL APT.	1770 LOMBARD STREET	1 - 2 E	DX477	879
HOA - 1435 BAY ST.	1435 BAY ST	1 - 2 E	EB480	883
1435 BAY ST HOA	1435 BAY ST	1 - 2 E	EB481	885
RESIDENTIAL APT.	3320 OCTAVIA STREET	1 - 2 E	EF492	906
RESIDENCE	1618 LOMBARD STREET	1 - 2 E	ET535	985
COMMERCIAL PROPERTY	1763 UNION ST	1 - 2 E	EV539	995
COMMERCIAL	1763 UNION ST	1 - 2 E	EV540	996
RESIDENCE	3055 GOUGH ST	1 - 2 E	EO543	1003
ARCO	1599 LOMBARD ST	1 - 2 E	ET548	1012
RESIDENTIAL APT.	1237 CHESTNUT STREET	1 - 2 E	FD575	1054
COMMERCIAL PROPERTY	2900 FRANKLIN ST	1 - 2 E	602	1107

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 06/01/2004 has revealed that there are 2 VCP sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SCOTT STREET SR. HOUSING COMPL	1600-08SCOTT,2158-80POS	1 - 2 SE	498	917

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GOLDEN GATE BRIDGE	TOLL PLAZA, HIGHWAY 101	1 - 2 NNW	354	653

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within approximately 0.75 miles of the target property.

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UNIT #4	255 EMBARCADERO	1/4 - 1/2 SW	A5	10
SAN FRANCISCO NATIONAL CEMETER	BUILDING 150, PRESIDIO	1/4 - 1/2 SW	A7	12
MARINE TERMINALS CORPORATION	260 EMBARCADERO	1/4 - 1/2 SW	A8	13
HQ, PRESIDIO OF SAN FRANCISCO	ATTN: AFZM-DEH-EE (MR.	1/4 - 1/2 SW	A11	15
USCG STATION FORT POINT	MARINE DRIVE PRESIDIO	1/4 - 1/2 SW	A12	22

EXECUTIVE SUMMARY

FEDERAL ASTM SUPPLEMENTAL

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 04/08/2004 has revealed that there are 4 FINDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC BELL	CRISSY FIELD PRESIDIO	1/4 - 1/2SW	A4	10
PACIFIC BELL	MARINE DRIVE FORT POINT	1/4 - 1/2SW	A9	13
USCG STATION FORT POINT	MARINE DRIVE PRESIDIO	1/4 - 1/2SW	A12	22
THE PRESIDIO TRUST	10 FUNSTON	1/4 - 1/2SE	E22	31

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 10/01/2003 has revealed that there is 1 FUDS site within approximately 1.5 miles of the target property.

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SF NIKE BATT 89		1 - 2 SSW	131	230

STATE OR LOCAL ASTM SUPPLEMENTAL

Emissions Inventory Data: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2002 has revealed that there are 50 EMI sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LOCUST CLEANERS	3587 SACRAMENTO STREET	1 - 2 SSE	AT171	308
CALIFORNIA PACIFIC MED. CTR. C	3700 CALIFORNIA ST	1 - 2 SSE	AV182	330
BOTTA S AUTO BODY	3536 SACRAMENTO STREET	1 - 2 SSE	AT190	345
LUCKY CLEANERS	4401 CALIFORNIA STREET	1 - 2 S	193	349
UCSF-LAUREL HEIGHTS CAMPUS	3333 CALIFORNIA STREET	1 - 2 SE	BM249	445
1010 FULL SERVICE DRY CLEANERS	1010 CLEMENT ST	1 - 2 SSW	303	550
KAISER FRENCH CAMPUS	4131 GEARY BOULEVARD	1 - 2 S	CJ334	614
PACIFIC BELL	389 9TH AVENUE	1 - 2 S	CM342	627
BLUE BIRD CLEANERS	1341 CLEMENT ST	1 - 2 SSW	CO348	638
RAINBOW CLEANERS	3001B GEARY BOULEVARD	1 - 2 SSE	CV369	687
CALIFORNIA OAK CLEANERS	4723 GEARY BOULEVARD	1 - 2 SSW	372	691
TOWN CLEANERS	2840 CALIFORNIA STREET	1 - 2 SE	CR373	691
VETERANS DELUXE CLEANERS	2053 DIVISADERO STREET	1 - 2 SE	CX376	695

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<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HANDA AUTO REPAIR	2941 GEARY BLVD	1 - 2 SSE	DA377	696
SAN FRANCISCO MUNICIPAL RAILWA	875 PRESIDIO AVENUE	1 - 2 SE	394	733
SUNSHINE EXPRESS CLEANERS	1818 DIVISADERO STREET	1 - 2 SE	DL420	774
F LOFRANO AND SON INC	1745 DIVISADERO STREET	1 - 2 SE	DL432	798
KAISER PERMANENTE MEDICAL CENT	2425 GEARY BOULEVARD	1 - 2 SE	448	823
KENT CLEANERS	601 3RD AVENUE	1 - 2 S	449	823
UCSF/MT ZION DEPT OF ENV HEALT	1600 DIVISADERO STREET	1 - 2 SE	DZ469	863
HAYES AUTO REPAIR	2401 BUSH STREET	1 - 2 SE	EC482	886
ESRIK CLEANERS	2429 CALIFORNIA STREET	1 - 2 ESE	488	901
PACIFIC BELL	1930 STEINER STREET	1 - 2 ESE	EH497	915
UNIVERSITY OF SAN FRANCISCO	2445 GOLDEN GATE AVE	1 - 2 SSE	500	921
CALIFORNIA PACIFIC MED CTR, PA	2333 BUCHANAN STREET	1 - 2 ESE	EM522	964
PERFECT CLEANERS	1909 FILLMORE STREET	1 - 2 ESE	EQ526	969
REGENT CLEANERS	301 28TH AVENUE	1 - 2 SW	533	981
COMMERCIAL	2535 CLEMENT STREET	1 - 2 SW	EU538	992
WAGNER S AUTO BODY & REPAIR	1776 GREEN STREET	1 - 2 E	547	1012
FULTON FARBICARE CENTER	2900 FULTON STREET	1 - 2 S	562	1034
BUCHANAN CLEANERS	2137 BUCHANAN STREET	1 - 2 ESE	FB566	1045
SNOW WHITE CLEANERS	2650 CLEMENT STREET	1 - 2 SW	572	1052
HOLIDAY CLEANERS	2055 MCALLISTER	1 - 2 SSE	FC573	1053
MAE CLEANERS	1933 POST STREET	1 - 2 SE	577	1058
ST MARYS HOSPITAL AND MED CTR	450 STANYAN ST	1 - 2 SSE	EZ582	1065
MEADERS CLEANERS	1875 GEARY ST	1 - 2 SE	584	1071
Lower Elevation	Address	Dist / Dir	Map ID	Page
FINE ARTS CLEANERS	2379 CHESTNUT STREET	1 - 2 E	T96	163
EQUIVA SERVICES C/O SECOR INTE	2601 LOMBARD STREET	1 - 2 ESE	AA102	175
WALNUT CLEANERS	2266 CHESTNUT STREET	1 - 2 E	AH133	233
NORMAN CLEANERS	2255 CHESTNUT STREET	1 - 2 E	AH139	247
SCOTT CLEANERS	3226 SCOTT STREET	1 - 2 E	BF217	396
CUSTOM MOTORCYCLE PAINTING	2340 LOMBARD STREET	1 - 2 E	BK243	434
ARLENE'S CLEANERS	2017 CHESTNUT STREET	1 - 2 E	BO262	473
UNION STREET COFFEE ROASTERY	2191 UNION STREET	1 - 2 ESE	CY386	716
BUCHANAN CLEANERS	3717 BUCHANAN STREET	1 - 2 E	408	758
CROWN CLEANERS	3611 BUCHANAN STREET	1 - 2 E	DK413	765
LOMBARD DRY CLEANERS	1701 LOMBARD STREET	1 - 2 E	502	927
CHESTNUT STREET CLEANERS	1327 CHESTNUT STREET	1 - 2 E	EO518	957
GOLDEN HANGER CLEANERS	1611 LOMBARD STREET	1 - 2 E	ET544	1006
UNION FRENCH CLEANERS	1718 UNION STREET	1 - 2 E	EV564	1039

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, has revealed that there is 1 CA SLIC site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PRESIDIO OF SAN FRANCISCO	34 GRAHAM ST	1/4 - 1/2 ESE	18	28

EXECUTIVE SUMMARY

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/2002 has revealed that there are 4 HAZNET sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PRESIDIO OF SAN FRANCISCO PRESIDIO TRUST	PRESIDIO OF SAN FRANCISCO 50 MORAGA AVENUE	1/8 - 1/4 SW 1/4 - 1/2 SSE	A1 D16	6 26
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
US DOI NPS PRESIDIO OF SAN FRA CHRISTY CONSTRUCTION	210 HALLECK ST CORNER OF MARSHALL /	1/4 - 1/2 E 1/4 - 1/2 ENE	25 29	34 38

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there are 3 Coal Gas sites within approximately 1.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC GAS IMPROVEMENT CO.	BLOCK BORDERED BY FRANC	1 - 2 E	BH223	403
PACIFIC GAS IMPROVEMENT CO.	FILLMORE STREET	1 - 2 E	BW285	516
PACIFIC GAS IMPROVEMENT CO.	3501 FILLMORE STREET	1 - 2 E	321	591

BROWNFIELDS DATABASES

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 06/01/2004 has revealed that there are 2 VCP sites within approximately 2 miles of the target property.

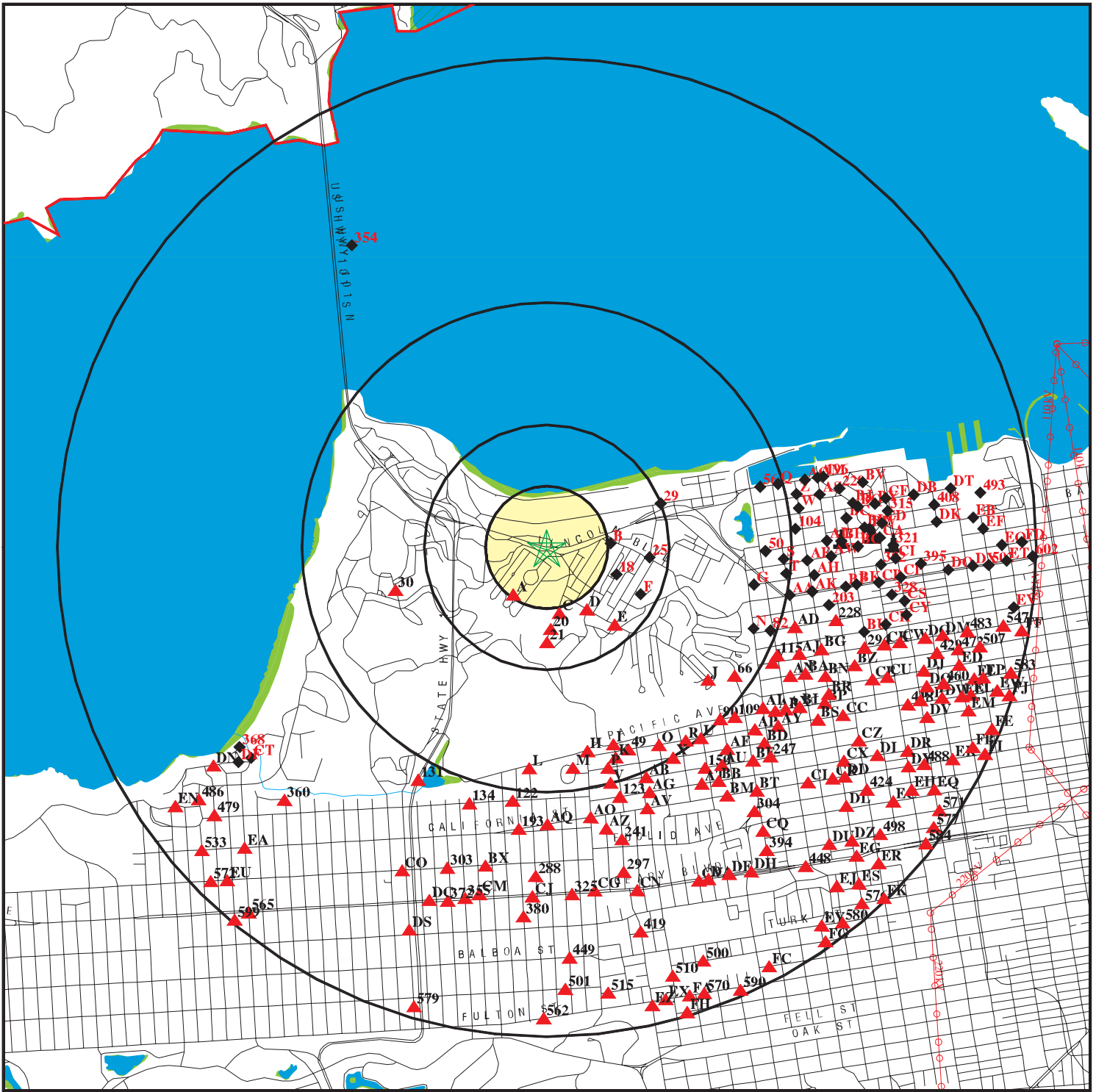
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SCOTT STREET SR. HOUSING COMPL	1600-08SCOTT,2158-80POS	1 - 2 SE	498	917
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GOLDEN GATE BRIDGE	TOLL PLAZA, HIGHWAY 101	1 - 2 NNW	354	653

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
14TH ST. AND MISSION	LUST, CHMIRS
OVERSEAS NEW YORK/THIRD SHIPMOR AS	HAZNET, CHMIRS
REDWOOD OIL COMPANY	HAZNET, CHMIRS
PG&E GAS PLANT SAN FRANCISCO 502 1	CERC-NFRAP
HUNTER'S POINT	SWF/LF
WEST COAST RECYCLING COMPANY AT PI	SWF/LF
PRESIDIO OF SAN FRANCISCO BLDG 749	LUST
PRESIDIO OF SAN FRANCISCO UST 1351	LUST
PRESIDIO OF SAN FRANCISCO NIKE FA	LUST
SIMONE PROPERTY	LUST
RESIDENCE	LUST
GAS STATION FORMER	LUST
PRESIDIO OF SAN FRANCISCO BLDG 231	LUST
PRESIDIO OF SAN FRANCISCO UST 338.	LUST
RESIDENTIAL	LUST
RESIDENTIAL PROPERTY	LUST
RESIDENCE	LUST
RESIDENCE	LUST
HUNTERS POINT NAVAL SHIPYARD UST S	LUST
DE YOUNG MUSEUM	LUST
EXPLORATORIUM	HAZNET
PRESIDIO INTERNET CENTER LLC	HAZNET
PRESIDION	HAZNET
CALTRANS DIST 4	RCRIS-SQG, FINDS, HAZNET
SEARIVER NEW ORLEANS	HAZNET
SAN PEDRO (VESSEL #631605)	HAZNET
SEARIVER SAN FRANCISCO	HAZNET
CCSF DEPT OF PUBLIC HEALTH	HAZNET
CONSERVATORY IN GOLDEN GATE PARK	HAZNET
D E N TRANS	HAZNET
CAL TRANS - DISTRICT 4	HAZNET
SFCC FORT MASON	HAZNET
THE PATRIOT 571049	HAZNET
S/R PUGET SOUND	HAZNET
NATIONAL PARK SERVICE-HHW PRESIDIO	HAZNET
CHEVRON PRODUCTS CO	HAZNET
SAN FRANCISCO CNTY/CLANDESTINE DRUG	HAZNET
CITY COLLEGE OF SAN FRANCISCO	RCRIS-SQG, FINDS
ARMY, DEPARTMENT OF THE	MLTS
GOLDEN GATE BRIDGE	CA WDS

OVERVIEW MAP - 01222743.1r - Baseline Environmental Cons.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ▨ National Priority List Sites
- ▨ Landfill Sites
- ▨ Dept. Defense Sites

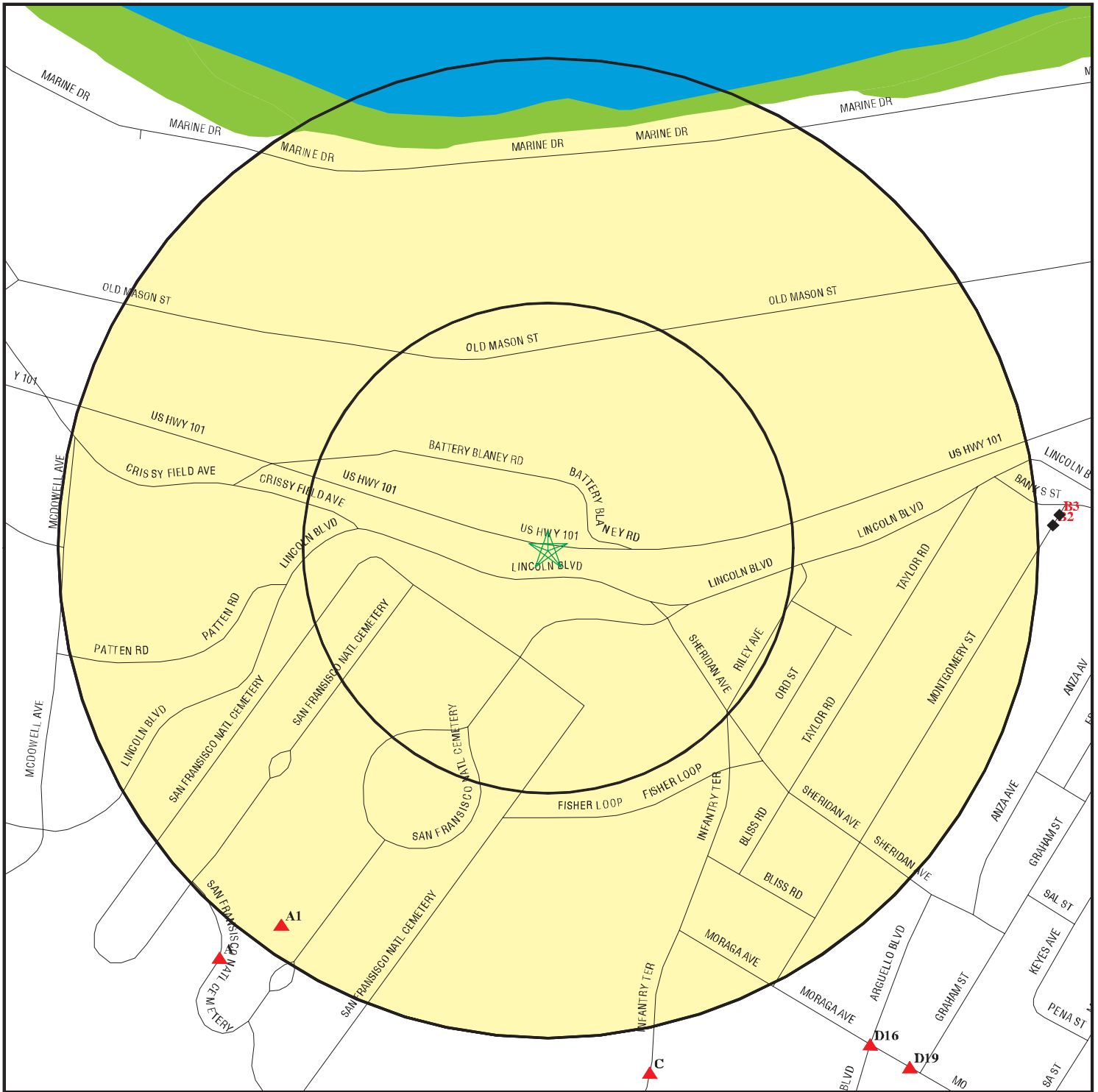
- ▨ Indian Reservations BIA
- ▨ County Boundary
- ▨ Power transmission lines
- ▨ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Federal Wetlands
- ▨ Areas of Concern



TARGET PROPERTY: Doyle Drive Replacement
 ADDRESS: Doyle Drive
 CITY/STATE/ZIP: San Francisco CA 94129
 LAT/LONG: 37.8017 / 122.4625

CUSTOMER: Baseline Environmental Cons.
 CONTACT: Todd Taylor
 INQUIRY #: 01222743.1r
 DATE: June 30, 2004 7:40 pm

DETAIL MAP - 01222743.1r - Baseline Environmental Cons.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚡ Coal Gasification Sites
- ⚡ Sensitive Receptors
- 🚧 National Priority List Sites
- 🗑️ Landfill Sites
- 🏢 Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- 🏠 Indian Reservations BIA
- 🔴 Areas of Concern
- 📏 County Boundary
- 🛢️ Oil & Gas pipelines
- 🌿 Federal Wetlands

TARGET PROPERTY: Doyle Drive Replacement
ADDRESS: Doyle Drive
CITY/STATE/ZIP: San Francisco CA 94129
LAT/LONG: 37.8017 / 122.4625

CUSTOMER: Baseline Environmental Cons.
CONTACT: Todd Taylor
INQUIRY #: 01222743.1r
DATE: June 30, 2004 7:44 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		2.000	0	0	0	0	0	0
Proposed NPL		2.000	0	0	0	0	0	0
CERCLIS		2.000	0	1	0	0	1	2
CERC-NFRAP		2.000	0	0	0	0	0	0
CORRACTS		2.000	0	0	0	0	0	0
RCRIS-TSD		2.000	0	0	0	0	0	0
RCRIS Lg. Quan. Gen.		0.750	0	1	1	0	NR	2
RCRIS Sm. Quan. Gen.		0.750	0	0	3	0	NR	3
ERNS		0.500	0	0	0	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		2.000	0	0	1	0	0	1
Cal-Sites		2.000	0	0	1	0	0	1
CHMIRS		2.000	0	0	0	0	17	17
Cortese		2.000	0	0	0	31	220	251
Notify 65		2.000	0	0	0	0	4	4
Toxic Pits		2.000	0	0	0	0	0	0
State Landfill		2.000	0	0	1	0	0	1
WMUDS/SWAT		2.000	0	0	0	0	0	0
LUST		2.000	0	0	14	46	322	382
CA Bond Exp. Plan		2.000	0	0	0	0	0	0
UST		0.750	0	0	0	0	NR	0
VCP		2.000	0	0	0	0	2	2
INDIAN LUST		1.000	0	0	0	0	NR	0
INDIAN UST		0.750	0	0	0	0	NR	0
CA FID UST		0.750	0	0	0	0	NR	0
HIST UST		0.750	0	0	5	0	NR	5
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
Delisted NPL		1.500	0	0	0	0	0	0
FINDS		0.500	0	0	4	NR	NR	4
HMIRS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
MINES		0.750	0	0	0	0	NR	0
NPL Liens		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
DOD		1.500	0	0	0	0	0	0
US BROWNFIELDS		1.000	0	0	0	0	NR	0
FUDS		1.500	0	0	0	0	1	1
INDIAN RESERV		1.500	0	0	0	0	0	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.750	0	0	0	0	NR	0
CA WDS		0.500	0	0	0	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
NFA		0.750	0	0	0	0	NR	0
EMI		2.000	0	0	0	0	50	50
REF		0.750	0	0	0	0	NR	0
SCH		0.750	0	0	0	0	NR	0
NFE		0.750	0	0	0	0	NR	0
CA SLIC		1.000	0	0	1	0	NR	1
HAZNET		0.500	0	1	3	NR	NR	4
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Coal Gas		1.500	0	0	0	0	3	3
<u>BROWNFIELDS DATABASES</u>								
US BROWNFIELDS		1.000	0	0	0	0	NR	0
VCP		2.000	0	0	0	0	2	2

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A1
SW
1/8-1/4
1243 ft.

PRESIDIO OF SAN FRANCISCO
PRESIDIO OF SAN FRANCISCO
SAN FRANCISCO, CA 94129

CERCLIS 1000382130
HAZNET CA7210020791
RCRIS-LQG

Site 1 of 10 in cluster A

Relative:
Higher

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Federal Facility
Non NPL Status:	Status Not Specified		
Ownership Status:	Federally Owned	NPL Status:	Not on the NPL
Contact:	Jere Johnson	Contact Tel:	(415) 972-3094
Contact Title:	Not reported		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	01/01/1985
Assessment:	PRELIMINARY ASSESSMENT	Completed:	06/22/1990
Assessment:	EXPANDED SITE INSPECTION	Completed:	07/22/1992
Assessment:	FEDERAL FACILITIES OVERSIGHT	Completed:	09/28/2000
Assessment:	FF RI/FS	Completed:	11/09/2001

CERCLIS Site Status:

Not reported

RCRIS:

Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CA7210020791
 Contact: Not reported
 Classification: Large Quantity Generator
 TSDF Activities: Not reported
 Violation Status: Violations exist

Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/09/1994
Actual Date Achieved Compliance:	05/09/1999
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/19/1984
Actual Date Achieved Compliance:	Not reported

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
-----	-----	-----	-----
Proposed Monetary Penalty	5/9/1994	556500	EPA

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
-----	-----	-----

HAZNET:

Gepaid: CA7210020791
 TSD EPA ID: CAD000088252
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .3180
 Waste Category:
 Disposal Method: Transfer Station
 Contact: DEPARTMENT OF THE ARMY
 Telephone: (000) 000-0000
 Mailing Address: 604 MCREYNOLDS RD

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PRESIDIO OF SAN FRANCISCO (Continued)

1000382130

SAUSALITO, CA 94965 - 2604
County San Francisco
Gepaid: CA7210020791
TSD EPA ID: CAD000088252
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .1520
Waste Category: Adhesives
Disposal Method: Transfer Station
Contact: DEPARTMENT OF THE ARMY
Telephone: (000) 000-0000
Mailing Address: 604 MCREYNOLDS RD
SAUSALITO, CA 94965 - 2604
County San Francisco
Gepaid: CA7210020791
TSD EPA ID: CAD000088252
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .0095
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: DEPARTMENT OF THE ARMY
Telephone: (000) 000-0000
Mailing Address: 604 MCREYNOLDS RD
SAUSALITO, CA 94965 - 2604
County San Francisco
Gepaid: CA7210020791
TSD EPA ID: CAD000088252
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .1140
Waste Category: Off-specification, aged, or surplus inorganics
Disposal Method: Transfer Station
Contact: DEPARTMENT OF THE ARMY
Telephone: (000) 000-0000
Mailing Address: 604 MCREYNOLDS RD
SAUSALITO, CA 94965 - 2604
County San Francisco
Gepaid: CA7210020791
TSD EPA ID: CAD000088252
Gen County: San Francisco
Tsd County: Los Angeles
Tons: 1.5410
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Transfer Station
Contact: DEPARTMENT OF THE ARMY
Telephone: (000) 000-0000
Mailing Address: 604 MCREYNOLDS RD
SAUSALITO, CA 94965 - 2604
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access 266 additional CA HAZNET record(s) in the EDR Site Report.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

B2
East
1/4-1/2
1362 ft.

PRESIDIO OF SAN FRANCISCO UST 105.2
105 MONTGOMERY STREET
SAN FRANCISCO, CA 94129

LUST **S105692881**
N/A

Site 1 of 2 in cluster B

Relative:
Lower

State LUST:

Actual:
36 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38D9221
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency: Not reported
 Case Type: Not reported
 Status: Preliminary site assessment underway
 Review Date: Not reported
 Workplan: 1/1/98 0:00
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 08/24/2000
 Cleanup Fund Id: Not reported
 Discover Date: / /
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 8/24/00 0:00
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 0
 Beneficial: potable
 Staff: JDP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm: Department of Defense UST
 Review Date: 8/24/00 0:00
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0600192238
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: 1/1/98 0:00
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PRESIDIO OF SAN FRANCISCO UST 105.2 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

S105692881

**B3
 East
 1/4-1/2
 1380 ft.**

**PRESIDIO OF SAN FRANCISCO UST 103.2
 103 MONTGOMERY STREET
 SAN FRANCISCO, CA 94129**

**LUST S105690561
 N/A**

Site 2 of 2 in cluster B

**Relative:
 Lower**

State LUST:

**Actual:
 35 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38D9220
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency: Not reported
 Case Type: Not reported
 Status: Preliminary site assessment underway
 Review Date: Not reported
 Workplan: 1/1/98 0:00
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 08/23/2000
 Cleanup Fund Id: Not reported
 Discover Date: / /
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 8/23/00 0:00
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 0
 Beneficial: potable
 Staff: JDP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm: Department of Defense UST
 Review Date: 8/23/00 0:00
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0600192237

Confirm Leak: Not reported
 Prelim Assess: 1/1/98 0:00
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 103.2 (Continued)

S105690561

Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

**A4
 SW
 1/4-1/2
 1415 ft.**

**PACIFIC BELL
 CRISSY FIELD PRESIDIO
 SAN FRANCISCO, CA 94129**

**RCRIS-SQG 1000251085
 FINDS CAT080019169**

Site 2 of 10 in cluster A

**Relative:
 Higher**

RCRIS:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAT080019169
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

**Actual:
 216 ft.**

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system

**A5
 SW
 1/4-1/2
 1415 ft.**

**UNIT #4
 255 EMBARCADERO
 SAN FRANCISCO, CA 94107**

**HIST UST U001595315
 N/A**

Site 3 of 10 in cluster A

**Relative:
 Higher**

UST HIST:		Owner Name:	METROPOLITAN PARKING CORP
Facility ID:	4119	Region:	STATE
Total Tanks:	4		
Owner Address:	222 SUTTER ST. S.F., CA 94108	Container Num:	04-1
Tank Used for:	PRODUCT	Year Installed:	Not reported
Tank Num:	1	Tank Construction:	Not Reported
Tank Capacity:	00002500		
Type of Fuel:	PREMIUM	Telephone:	(415) 989-5100
Leak Detection:	Stock Inventor	Other Type:	SERVICE STATION & PA
Contact Name:	REMIE LAGMAN		
Facility Type:	Gas Station	Owner Name:	METROPOLITAN PARKING CORP
		Region:	STATE
Facility ID:	4119		
Total Tanks:	4	Container Num:	04-4W
Owner Address:	222 SUTTER ST. S.F., CA 94108	Year Installed:	Not reported
Tank Used for:	WASTE	Tank Construction:	Not Reported
Tank Num:	2		
Tank Capacity:	00000500		
Type of Fuel:	WASTE OIL		

**Actual:
 216 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNIT #4 (Continued)

U001595315

Leak Detection: Stock Inventor		
Contact Name: REMIE LAGMAN	Telephone: (415) 989-5100	
Facility Type: Gas Station	Other Type: SERVICE STATION & PA	
Facility ID: 4119	Owner Name: METROPOLITAN PARKING CORP	
Total Tanks: 4	Region: STATE	
Owner Address: 222 SUTTER ST. S.F., CA 94108		
Tank Used for: PRODUCT		
Tank Num: 3	Container Num: 04-3	
Tank Capacity: 00002500	Year Installed: Not reported	
Type of Fuel: REGULAR	Tank Construction: Not Reported	
Leak Detection: Stock Inventor		
Contact Name: REMIE LAGMAN	Telephone: (415) 989-5100	
Facility Type: Gas Station	Other Type: SERVICE STATION & PA	
Facility ID: 4119	Owner Name: METROPOLITAN PARKING CORP	
Total Tanks: 4	Region: STATE	
Owner Address: 222 SUTTER ST. S.F., CA 94108		
Tank Used for: PRODUCT		
Tank Num: 4	Container Num: 04-2	
Tank Capacity: 00002500	Year Installed: Not reported	
Type of Fuel: UNLEADED	Tank Construction: Not Reported	
Leak Detection: Stock Inventor		
Contact Name: REMIE LAGMAN	Telephone: (415) 989-5100	
Facility Type: Gas Station	Other Type: SERVICE STATION & PA	

**A6
 SW
 1/4-1/2
 1415 ft.**

**PRESIDIO TRANSFER STATION
 PARK BOULEVARD, THE PRESIDIO
 SAN FRANCISCO, CA**

**SWF/LF S102362250
 N/A**

Site 4 of 10 in cluster A

**Relative:
 Higher**

LF:
 Facility ID: 38-AA-0002
 Operator: Not reported
 Operator Phone: Not reported
 Operator Addr: Not reported
 Owner: Not reported
 Owner Address: Not reported
 Owner Telephone: Not reported
 Activity: Large Volume Transfer/Proc Facility
 Operator's Status: Not reported
 Regulation Status: Not reported
 Region: STATE
 Lat/Long: 38 / -122
 Permit Date: Not reported
 Accepted Waste: Not reported
 Restrictions: Not reported
 Status : Not reported
 Swisnumber : Not reported
 Site Type : Not reported
 Aka : Not reported
 Type Of Waste : Not reported
 Disposal Area : Not reported
 SWFP Date : Not reported
 WDR Number : Not reported

**Actual:
 216 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO TRANSFER STATION (Continued)

S102362250

Dates Of Operation :	Not reported
Closure Approved :	Not reported
Date Of Field Units :	Not reported
Surface Condition :	Not reported
Landfill Gas :	Not reported
Leachate :	Not reported
Emergency Response :	Not reported
Other Recommendation :	Not reported
Reassess Site :	Not reported
Priority For Site Assessment :	Not reported
Lea Date :	Not reported
Explanation:	Not Reported
No Further Action:	Not Reported
Permitted Throughput with Units:	Not reported
Permitted Throughput with Units:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Actual Capacity with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity with Units:	Not reported
Permitted Total Acreage:	0
Inspection Frequency:	None
Landuse Name:	Not reported
GIS Source:	Place
Permit Status:	Not reported
Category:	Transfer/Processing
Unit Number:	01
Last Waste Tire Inspection Count :	Not reported
Last Waste Tire Inspection Date:	Not reported
Original Waste Tire Count:	Not reported
Original Waste Tire Count Date:	Not reported
Closure Date:	/ /
Closure Type:	Not reported
Disposal Acreage:	Not reported
Remaining Capacity:	Not reported
Year Opened:	Not reported
Year Closed:	Not reported
Fill Area:	Not reported
Type Of Refuse:	Not reported
Avg Depth Of Fill:	Not reported
Addtl Expansion Area:	Not reported
Site Description:	Not Reported

**A7
 SW
 1/4-1/2
 1415 ft.**

**SAN FRANCISCO NATIONAL CEMETER
 BUILDING 150, PRESIDIO OF SAN
 SAN FRANCISCO, CA 94129**

**HIST UST U001595749
 N/A**

Site 5 of 10 in cluster A

**Relative:
 Higher**

UST HIST:

**Actual:
 216 ft.**

Facility ID:	63729
Total Tanks:	2
Owner Address:	810 VERMONT AVENUE WASHINGTON, DC 20420
Tank Used for:	PRODUCT
Tank Num:	1
Tank Capacity:	00000285
Type of Fuel:	UNLEADED
Leak Detection:	Visual, Stock Inventor

Owner Name:	VETERANS ADMINISTRATION, DMA
Region:	STATE

Container Num:	(2)
Year Installed:	Not reported
Tank Construction:	Not Reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SAN FRANCISCO NATIONAL CEMETER (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U001595749

Contact Name:	STEPHEN H. JORGENSEN, DIRECTOR	Telephone:	(415) 561-2008
Facility Type:	Other	Other Type:	CEMETERY
Facility ID:	63729	Owner Name:	VETERANS ADMINISTRATION, DMA
Total Tanks:	2	Region:	STATE
Owner Address:	810 VERMONT AVENUE WASHINGTON, DC 20420		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	(1)
Tank Capacity:	00001000	Year Installed:	Not reported
Type of Fuel:	REGULAR	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor		
Contact Name:	STEPHEN H. JORGENSEN, DIRECTOR	Telephone:	(415) 561-2008
Facility Type:	Other	Other Type:	CEMETERY

**A8
 SW
 1/4-1/2
 1415 ft.**

**MARINE TERMINALS CORPORATION
 260 EMBARCADERO
 SAN FRANCISCO, CA 94105**

**HIST UST U001595162
 N/A**

Site 6 of 10 in cluster A

**Relative:
 Higher**

UST HIST:

**Actual:
 216 ft.**

Facility ID:	46081	Owner Name:	MARINE TERMINALS CORPORATION
Total Tanks:	2	Region:	STATE
Owner Address:	289 STEUART ST. SAN FRANCISCO, CA 94105		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	1
Tank Capacity:	00001000	Year Installed:	Not reported
Type of Fuel:	UNLEADED	Tank Construction:	12 gauge
Leak Detection:	Stock Inventor		
Contact Name:	JOHN COLLINS	Telephone:	(415) 986-6576
Facility Type:	Other	Other Type:	STEVEDORE/TERMINAL O
Facility ID:	46081	Owner Name:	MARINE TERMINALS CORPORATION
Total Tanks:	2	Region:	STATE
Owner Address:	289 STEUART ST. SAN FRANCISCO, CA 94105		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	2
Tank Capacity:	00000550	Year Installed:	Not reported
Type of Fuel:	REGULAR	Tank Construction:	12 gauge
Leak Detection:	None		
Contact Name:	JOHN COLLINS	Telephone:	(415) 986-6576
Facility Type:	Other	Other Type:	STEVEDORE/TERMINAL O

**A9
 SW
 1/4-1/2
 1415 ft.**

**PACIFIC BELL
 MARINE DRIVE FORT POINT
 SAN FRANCISCO, CA 94129**

**RCRIS-SQG 1000251084
 FINDS CAT080019151**

Site 7 of 10 in cluster A

**Relative:
 Higher**

**Actual:
 216 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PACIFIC BELL (Continued)

EDR ID Number
 EPA ID Number

1000251084

RCRIS:

Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAT080019151
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system

**A10
 SW
 1/4-1/2
 1415 ft.**

**U.S. ARMY PRESIDIO OF SAN FRANCISCO
 1,400 AC; N-MOST TIP OF THE SF PENINSULA
 SAN FRANCISCO, CA 94129**

**Cal-Sites S101272860
 AWP N/A**

Site 8 of 10 in cluster A

**Relative:
 Higher**

CAL-SITES:

**Actual:
 216 ft.**

Facility ID: 38970002
 Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
 Status Date: 01/01/1991
 Lead: DTSC
 Region: 2 - BERKELEY
 Branch: NO - OMF-NORTHERN CALIF
 File Name: Not reported
 Status Name: ANNUAL WORKPLAN - ACTIVE SITE
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported
 NPL: Not Listed
 SIC: 97 NATIONAL SECURITY/INTERNATIONAL AFFAIRS
 Facility Type: CLOSE
 Type Name: CLOSED MILITARY BASE
 Staff Member Responsible for Site: RBOGGS
 Supervisor Responsible for Site: Not reported
 Region Water Control Board: SF - SAN FRANCISCO BAY
 Access: Not reported
 Cortese: Not reported
 Hazardous Ranking Score: Not reported
 Date Site Hazard Ranked: Not reported
 Groundwater Contamination: Confirmed
 No. of Contamination Sources: 20
 Lat/Long: Not reported
 Lat/long Method: Not reported
 State Assembly District Code: 13
 State Senate District: 03

Click this hyperlink while viewing on your computer to access additional CAL-SITES detail in the EDR Site Report.

AWP Facility ID: 38970002
 Facility Type: Closed military facility
 Site Access Controlled : Not reported
 Region : BERKELEY
 SMBR Branch Unit: OMF-NORTHERN CALIF
 SMBR Branch Code : NO
 Site Name. : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

U.S. ARMY PRESIDIO OF SAN FRANCISCO (Continued)

S101272860

Current Status Date : 19/91/0101
 Current Status : ANNUAL WORKPLAN - ACTIVE SITE
 Lead Agency Code : DTSC
 Lead Agency : DEPT OF TOXIC SUBSTANCES CONTROL
 Awp Site Type: CLOSED MILITARY BASE
 NPL : No
 Tier Of AWP Site : Not reported
 Source Of Funding : Not reported
 Responsible Staff Member : RBOGGS
 Supervisor Responsible : Not reported
 Facility SIC : NATIONAL SECURITY/INTERNATIONAL AFFAIRS
 SIC Code : 97
 RWQCB Associated With Site SAN FRANCISCO BAY
 RWQCB Code : SF
 Site Listed HWS List : Not reported
 Hazard Ranking Score : Not reported
 Date Site Hazard Ranked : Not reported
 Groundwater Contamination : Confirmed
 # Of Contamination Sources : 20
 Lat/long Method : Not reported
 Description Of Entity : MEASURED FROM CENTER OF BASE
 State Assembly Distt Code : 13
 State Senate District : 03
 Lat/long : 0° 0' 0" / 0° 0' 0"

**A11
 SW
 1/4-1/2
 1415 ft.**

**HQ, PRESIDIO OF SAN FRANCISCO
 ATTN: AFZM-DEH-EE (MR. MURPHY)
 SAN FRANCISCO, CA 94129**

**HIST UST U001595748
 N/A**

Site 9 of 10 in cluster A

**Relative:
 Higher**

UST HIST:

**Actual:
 216 ft.**

Facility ID: 58800
 Total Tanks: 33
 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY)
 SAN FRANCISCO, CA 94129
 Tank Used for: WASTE
 Tank Num: 1
 Tank Capacity: 00000000
 Type of Fuel: Not reported
 Leak Detection: GW Monitoring Well
 Contact Name: LTC. THOMAS J. EDGERTON
 Facility Type: Other

Owner Name: HQ, PRESIDIO OF SAN FRANCISCO
 Region: STATE
 Container Num: 937 PSF-1
 Year Installed: Not reported
 Tank Construction: Not Reported
 Telephone: (415) 561-5176
 Other Type: MILITARY INSTALLATIO

Facility ID: 58800
 Total Tanks: 33
 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY)
 SAN FRANCISCO, CA 94129
 Tank Used for: PRODUCT
 Tank Num: 2
 Tank Capacity: 00000300
 Type of Fuel: DIESEL
 Leak Detection: None
 Contact Name: LTC. THOMAS J. EDGERTON
 Facility Type: Other

Owner Name: HQ, PRESIDIO OF SAN FRANCISCO
 Region: STATE
 Container Num: 1794 PSF-1
 Year Installed: Not reported
 Tank Construction: Not Reported
 Telephone: (415) 561-5176
 Other Type: MILITARY INSTALLATIO

Facility ID: 58800
 Total Tanks: 33
 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY)

Owner Name: HQ, PRESIDIO OF SAN FRANCISCO
 Region: STATE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HQ, PRESIDIO OF SAN FRANCISCO (Continued)

U001595748

<p>SAN FRANCISCO, CA 94129</p> <p>Tank Used for: PRODUCT</p> <p>Tank Num: 3</p> <p>Tank Capacity: 00000000</p> <p>Type of Fuel: Not reported</p> <p>Leak Detection: None</p> <p>Contact Name: LTC. THOMAS J. EDGERTON</p> <p>Facility Type: Other</p>	<p>Container Num: 603 PSF-1</p> <p>Year Installed: Not reported</p> <p>Tank Construction: Not Reported</p> <p>Telephone: (415) 561-5176</p> <p>Other Type: MILITARY INSTALLATIO</p>
<p>Facility ID: 58800</p> <p>Total Tanks: 33</p> <p>Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129</p>	<p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO</p> <p>Region: STATE</p>
<p>Tank Used for: WASTE</p> <p>Tank Num: 4</p> <p>Tank Capacity: 00001500</p> <p>Type of Fuel: Not reported</p> <p>Leak Detection: None</p> <p>Contact Name: LTC. THOMAS J. EDGERTON</p> <p>Facility Type: Other</p>	<p>Container Num: 269PSF-1</p> <p>Year Installed: Not reported</p> <p>Tank Construction: Not Reported</p> <p>Telephone: (415) 561-5176</p> <p>Other Type: MILITARY INSTALLATIO</p>
<p>Facility ID: 58800</p> <p>Total Tanks: 33</p> <p>Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129</p>	<p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO</p> <p>Region: STATE</p>
<p>Tank Used for: PRODUCT</p> <p>Tank Num: 5</p> <p>Tank Capacity: 00000000</p> <p>Type of Fuel: Not reported</p> <p>Leak Detection: None</p> <p>Contact Name: LTC. THOMAS J. EDGERTON</p> <p>Facility Type: Other</p>	<p>Container Num: 1224PSF-1</p> <p>Year Installed: Not reported</p> <p>Tank Construction: Not Reported</p> <p>Telephone: (415) 561-5176</p> <p>Other Type: MILITARY INSTALLATIO</p>
<p>Facility ID: 58800</p> <p>Total Tanks: 33</p> <p>Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129</p>	<p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO</p> <p>Region: STATE</p>
<p>Tank Used for: PRODUCT</p> <p>Tank Num: 6</p> <p>Tank Capacity: 00000000</p> <p>Type of Fuel: Not reported</p> <p>Leak Detection: None</p> <p>Contact Name: LTC. THOMAS J. EDGERTON</p> <p>Facility Type: Other</p>	<p>Container Num: 534PSF 1</p> <p>Year Installed: Not reported</p> <p>Tank Construction: Not Reported</p> <p>Telephone: (415) 561-5176</p> <p>Other Type: MILITARY INSTALLATIO</p>
<p>Facility ID: 58800</p> <p>Total Tanks: 33</p> <p>Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129</p>	<p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO</p> <p>Region: STATE</p>
<p>Tank Used for: PRODUCT</p> <p>Tank Num: 7</p> <p>Tank Capacity: 00000000</p> <p>Type of Fuel: 06</p> <p>Leak Detection: None</p> <p>Contact Name: LTC. THOMAS J. EDGERTON</p> <p>Facility Type: Other</p>	<p>Container Num: EFB-1</p> <p>Year Installed: Not reported</p> <p>Tank Construction: Not Reported</p> <p>Telephone: (415) 561-5176</p> <p>Other Type: MILITARY INSTALLATIO</p>

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HQ, PRESIDIO OF SAN FRANCISCO (Continued)

U001595748

<p>Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129 Tank Used for: PRODUCT Tank Num: 8 Tank Capacity: 00000500 Type of Fuel: DIESEL Leak Detection: None Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other</p>	<p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE Container Num: 1214PSF-1 Year Installed: Not reported Tank Construction: Not Reported Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO</p>
<p>Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129 Tank Used for: PRODUCT Tank Num: 9 Tank Capacity: 00000300 Type of Fuel: DIESEL Leak Detection: None Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other</p>	<p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE Container Num: 205 PSF -1 Year Installed: Not reported Tank Construction: Not Reported Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO</p>
<p>Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129 Tank Used for: PRODUCT Tank Num: 10 Tank Capacity: 00000300 Type of Fuel: Not reported Leak Detection: None Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other</p>	<p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE Container Num: 840 PSF -1 Year Installed: Not reported Tank Construction: Not Reported Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO</p>
<p>Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129 Tank Used for: PRODUCT Tank Num: 11 Tank Capacity: 00000300 Type of Fuel: Not reported Leak Detection: None Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other</p>	<p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE Container Num: 645 PSF-1 Year Installed: Not reported Tank Construction: Not Reported Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO</p>
<p>Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129 Tank Used for: PRODUCT Tank Num: 12 Tank Capacity: 00000500 Type of Fuel: Not reported</p>	<p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE Container Num: 572PSF-1 Year Installed: Not reported Tank Construction: Not Reported</p>

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HQ, PRESIDIO OF SAN FRANCISCO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U001595748

Leak Detection: None Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other	Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO
Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129	Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE
Tank Used for: PRODUCT Tank Num: 13 Tank Capacity: 00000300 Type of Fuel: Not reported Leak Detection: None	Container Num: 68 PSF-1 Year Installed: Not reported Tank Construction: Not Reported
Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other	Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO
Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129	Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE
Tank Used for: Not Reported Tank Num: 14 Tank Capacity: 00000000 Type of Fuel: Not reported Leak Detection: None	Container Num: 1260 PSF-1 Year Installed: Not reported Tank Construction: Not Reported
Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other	Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO
Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129	Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE
Tank Used for: Not Reported Tank Num: 15 Tank Capacity: 00000000 Type of Fuel: Not reported Leak Detection: None	Container Num: 1264 PSF-1 Year Installed: Not reported Tank Construction: Not Reported
Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other	Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO
Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129	Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE
Tank Used for: PRODUCT Tank Num: 16 Tank Capacity: 00002000 Type of Fuel: Not reported Leak Detection: None	Container Num: 1110PSF-2 Year Installed: Not reported Tank Construction: Not Reported
Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other	Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO
Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129	Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE
Tank Used for: PRODUCT	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HQ, PRESIDIO OF SAN FRANCISCO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U001595748

Tank Num: 17
 Tank Capacity: 00004000
 Type of Fuel: Not reported
 Leak Detection: None
 Contact Name: LTC. THOMAS J. EDGERTON
 Facility Type: Other

Container Num: 1110PSF-1
 Year Installed: Not reported
 Tank Construction: Not Reported

Telephone: (415) 561-5176
 Other Type: MILITARY INSTALLATIO

Facility ID: 58800
 Total Tanks: 33
 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY)
 SAN FRANCISCO, CA 94129

Owner Name: HQ, PRESIDIO OF SAN FRANCISCO
 Region: STATE

Tank Used for: PRODUCT
 Tank Num: 18
 Tank Capacity: 00000000
 Type of Fuel: Not reported
 Leak Detection: None
 Contact Name: LTC. THOMAS J. EDGERTON
 Facility Type: Other

Container Num: 9FM-1
 Year Installed: Not reported
 Tank Construction: Not Reported

Telephone: (415) 561-5176
 Other Type: MILITARY INSTALLATIO

Facility ID: 58800
 Total Tanks: 33
 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY)
 SAN FRANCISCO, CA 94129

Owner Name: HQ, PRESIDIO OF SAN FRANCISCO
 Region: STATE

Tank Used for: PRODUCT
 Tank Num: 19
 Tank Capacity: 00001500
 Type of Fuel: Not reported
 Leak Detection: None
 Contact Name: LTC. THOMAS J. EDGERTON
 Facility Type: Other

Container Num: 750PSF-1
 Year Installed: Not reported
 Tank Construction: Not Reported

Telephone: (415) 561-5176
 Other Type: MILITARY INSTALLATIO

Facility ID: 58800
 Total Tanks: 33
 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY)
 SAN FRANCISCO, CA 94129

Owner Name: HQ, PRESIDIO OF SAN FRANCISCO
 Region: STATE

Tank Used for: PRODUCT
 Tank Num: 20
 Tank Capacity: 00000000
 Type of Fuel: Not reported
 Leak Detection: None
 Contact Name: LTC. THOMAS J. EDGERTON
 Facility Type: Other

Container Num: 751PSF-1
 Year Installed: Not reported
 Tank Construction: Not Reported

Telephone: (415) 561-5176
 Other Type: MILITARY INSTALLATIO

Facility ID: 58800
 Total Tanks: 33
 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY)
 SAN FRANCISCO, CA 94129

Owner Name: HQ, PRESIDIO OF SAN FRANCISCO
 Region: STATE

Tank Used for: PRODUCT
 Tank Num: 21
 Tank Capacity: 00010000
 Type of Fuel: Not reported
 Leak Detection: None
 Contact Name: LTC. THOMAS J. EDGERTON
 Facility Type: Other

Container Num: 1027 PSF-1
 Year Installed: Not reported
 Tank Construction: Not Reported

Telephone: (415) 561-5176
 Other Type: MILITARY INSTALLATIO

Facility ID: 58800
 Total Tanks: 33

Owner Name: HQ, PRESIDIO OF SAN FRANCISCO
 Region: STATE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HQ, PRESIDIO OF SAN FRANCISCO (Continued)

U001595748

<p>Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129</p> <p>Tank Used for: WASTE Tank Num: 22 Tank Capacity: 00005000 Type of Fuel: WASTE OIL Leak Detection: None Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other</p> <p>Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129</p> <p>Tank Used for: PRODUCT Tank Num: 23 Tank Capacity: 00005000 Type of Fuel: REGULAR Leak Detection: None Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other</p> <p>Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129</p> <p>Tank Used for: PRODUCT Tank Num: 24 Tank Capacity: 00005000 Type of Fuel: REGULAR Leak Detection: None Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other</p> <p>Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129</p> <p>Tank Used for: PRODUCT Tank Num: 25 Tank Capacity: 00000000 Type of Fuel: Not reported Leak Detection: None Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other</p> <p>Facility ID: 58800 Total Tanks: 33 Owner Address: ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129</p> <p>Tank Used for: PRODUCT Tank Num: 26 Tank Capacity: 00000350 Type of Fuel: Not reported Leak Detection: None Contact Name: LTC. THOMAS J. EDGERTON Facility Type: Other</p>	<p>Container Num: 979PSF-1 Year Installed: Not reported Tank Construction: Not Reported</p> <p>Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO</p> <p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE</p> <p>Container Num: 979PSF-2 Year Installed: Not reported Tank Construction: Not Reported</p> <p>Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO</p> <p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE</p> <p>Container Num: 975PSF-1 Year Installed: Not reported Tank Construction: Not Reported</p> <p>Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO</p> <p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE</p> <p>Container Num: 21 PSF-1 Year Installed: Not reported Tank Construction: Not Reported</p> <p>Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO</p> <p>Owner Name: HQ, PRESIDIO OF SAN FRANCISCO Region: STATE</p> <p>Container Num: 38 PSF-1 Year Installed: Not reported Tank Construction: Not Reported</p> <p>Telephone: (415) 561-5176 Other Type: MILITARY INSTALLATIO</p>
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Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HQ, PRESIDIO OF SAN FRANCISCO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U001595748

Facility ID:	58800	Owner Name:	HQ, PRESIDIO OF SAN FRANCISCO
Total Tanks:	33	Region:	STATE
Owner Address:	ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129		
Tank Used for:	PRODUCT		
Tank Num:	27	Container Num:	1802 PSF-1
Tank Capacity:	00002500	Year Installed:	Not reported
Type of Fuel:	Not reported	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	LTC. THOMAS J. EDGERTON	Telephone:	(415) 561-5176
Facility Type:	Other	Other Type:	MILITARY INSTALLATIO
Facility ID:	58800	Owner Name:	HQ, PRESIDIO OF SAN FRANCISCO
Total Tanks:	33	Region:	STATE
Owner Address:	ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129		
Tank Used for:	PRODUCT		
Tank Num:	28	Container Num:	1800 PSF-1
Tank Capacity:	00017000	Year Installed:	Not reported
Type of Fuel:	DIESEL	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	LTC. THOMAS J. EDGERTON	Telephone:	(415) 561-5176
Facility Type:	Other	Other Type:	MILITARY INSTALLATIO
Facility ID:	58800	Owner Name:	HQ, PRESIDIO OF SAN FRANCISCO
Total Tanks:	33	Region:	STATE
Owner Address:	ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129		
Tank Used for:	PRODUCT		
Tank Num:	29	Container Num:	1800 PSF-2
Tank Capacity:	00017000	Year Installed:	Not reported
Type of Fuel:	DIESEL	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	LTC. THOMAS J. EDGERTON	Telephone:	(415) 561-5176
Facility Type:	Other	Other Type:	MILITARY INSTALLATIO
Facility ID:	58800	Owner Name:	HQ, PRESIDIO OF SAN FRANCISCO
Total Tanks:	33	Region:	STATE
Owner Address:	ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129		
Tank Used for:	PRODUCT		
Tank Num:	30	Container Num:	1800PSF-3
Tank Capacity:	00001000	Year Installed:	Not reported
Type of Fuel:	DIESEL	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	LTC. THOMAS J. EDGERTON	Telephone:	(415) 561-5176
Facility Type:	Other	Other Type:	MILITARY INSTALLATIO
Facility ID:	58800	Owner Name:	HQ, PRESIDIO OF SAN FRANCISCO
Total Tanks:	33	Region:	STATE
Owner Address:	ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129		
Tank Used for:	PRODUCT		
Tank Num:	31	Container Num:	1800 PSF-4
Tank Capacity:	00000500	Year Installed:	Not reported
Type of Fuel:	DIESEL	Tank Construction:	Not Reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HQ, PRESIDIO OF SAN FRANCISCO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U001595748

Leak Detection:	None	Telephone:	(415) 561-5176
Contact Name:	LTC. THOMAS J. EDGERTON	Other Type:	MILITARY INSTALLATIO
Facility Type:	Other		
Facility ID:	58800	Owner Name:	HQ, PRESIDIO OF SAN FRANCISCO
Total Tanks:	33	Region:	STATE
Owner Address:	ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129		
Tank Used for:	PRODUCT	Container Num:	1800 PSF-5
Tank Num:	32	Year Installed:	Not reported
Tank Capacity:	00000500	Tank Construction:	Not Reported
Type of Fuel:	UNLEADED		
Leak Detection:	None	Telephone:	(415) 561-5176
Contact Name:	LTC. THOMAS J. EDGERTON	Other Type:	MILITARY INSTALLATIO
Facility Type:	Other		
Facility ID:	58800	Owner Name:	HQ, PRESIDIO OF SAN FRANCISCO
Total Tanks:	33	Region:	STATE
Owner Address:	ATTN: AFZM-DEH-EE (MR. MURPHY) SAN FRANCISCO, CA 94129		
Tank Used for:	PRODUCT	Container Num:	1100PSF-1
Tank Num:	33	Year Installed:	Not reported
Tank Capacity:	00003000	Tank Construction:	Not Reported
Type of Fuel:	Not reported		
Leak Detection:	None	Telephone:	(415) 561-5176
Contact Name:	LTC. THOMAS J. EDGERTON	Other Type:	MILITARY INSTALLATIO
Facility Type:	Other		

**A12
 SW
 1/4-1/2
 1415 ft.**

**USCG STATION FORT POINT
 MARINE DRIVE PRESIDIO
 SAN FRANCISCO, CA 94129**

**RCRIS-SQG 1000387233
 FINDS CA0690390513
 HIST UST**

Site 10 of 10 in cluster A

**Relative:
 Higher**

RCRIS:
 Owner: US ARMY
 (415) 555-1212
 EPA ID: CA0690390513
 Contact: ENVIRONMENTAL MANAGER
 (415) 556-4902
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

**Actual:
 216 ft.**

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system

UST HIST:
 Facility ID: 54199
 Total Tanks: 2
 Owner Address: GOVERNMENT ISLAND
 ALAMEDA, CA 94501
 Tank Used for: PRODUCT
 Tank Num: 1
 Tank Capacity: 00002000
 Type of Fuel: DIESEL
 Owner Name: DEPARTMENT OF TRANSPORTATION,
 Region: STATE
 Container Num: 1
 Year Installed: Not reported
 Tank Construction: Not Reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

USCG STATION FORT POINT (Continued)

1000387233

Leak Detection:	Stock Inventor	Telephone:	(415) 556-3104
Contact Name:	OFFICER-IN-CHARGE	Other Type:	Not reported
Facility Type:	Other		
Facility ID:	54199	Owner Name:	DEPARTMENT OF TRANSPORTATION,
Total Tanks:	2	Region:	STATE
Owner Address:	GOVERNMENT ISLAND ALAMEDA, CA 94501		
Tank Used for:	WASTE		
Tank Num:	2	Container Num:	2
Tank Capacity:	00001000	Year Installed:	Not reported
Type of Fuel:	WASTE OIL	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	OFFICER-IN-CHARGE	Telephone:	(415) 556-3104
Facility Type:	Other	Other Type:	Not reported

C13
South
1/4-1/2
1438 ft.

PRESIDIO OF SAN FRANCISCO UST 342
342 INFANTRY TERRACE
SAN FRANCISCO, CA 0

LUST S105694717
N/A

Site 1 of 4 in cluster C

Relative:
Higher

Actual:
136 ft.

State LUST:		
Cross Street:	Not reported	
Qty Leaked:	0	
Case Number:	38D9254	
Reg Board:	2	
Chemical:	0	
Lead Agency:	Regional Board	
Local Agency :	Not reported	
Case Type:	Not reported	
Status:	Not reported	
Review Date:	Not reported	Confirm Leak:
Workplan:	Not reported	Prelim Assess:
Pollution Char:	Not reported	Remed Plan:
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	Not reported	
Release Date:	Not reported	
Cleanup Fund Id :	Not reported	
Discover Date :	/ /	
Enforcement Dt :	Not reported	
Enf Type:	Not reported	
Enter Date :	Not reported	
Funding:	Not reported	
Staff Initials:	Not reported	
How Discovered:	Not reported	
How Stopped:	Not reported	
Interim :	Not reported	
Leak Cause:	Not reported	
Leak Source:	Not reported	
MTBE Date :	Not reported	
Max MTBE GW :	Not reported	
MTBE Tested:	Not Required to be Tested.	
Priority:	NOR	
Local Case # :	0	
Beneficial:	Not reported	
Staff :	JDP	
GW Qualifier :	Not reported	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 342 (Continued)

S105694717

Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: Department of Defense UST
 Review Date : 1/31/02 0:00
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0609592168
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtb Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

C14
South
1/4-1/2
1438 ft.

PRESIDIO OF SAN FRANCISCO UST 343
343 INFANTRY TERRACE
SAN FRANCISCO, CA 0

LUST S105691824
N/A

Site 2 of 4 in cluster C

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38D9255
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency : Not reported
 Case Type: Not reported
 Status: Not reported
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : / /
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.

Actual:
136 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 343 (Continued)

S105691824

Priority: NOR
 Local Case # : 0
 Beneficial: Not reported
 Staff : JDP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: Department of Defense UST
 Review Date : 1/31/02 0:00
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0609592169
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

C15
South
1/4-1/2
1524 ft.

PRESIDIO OF SAN FRANCISCO UST 339
339 INFANTRY TERRACE
SAN FRANCISCO, CA 0

LUST S105691338
N/A

Site 3 of 4 in cluster C

Relative:
Higher

State LUST:

Actual:
141 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38D9253
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency : Not reported
 Case Type: Not reported
 Status: Not reported
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : / /
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 339 (Continued)

S105691338

Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: NOR
Local Case # : 0
Beneficial: Not reported
Staff : JDP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : Not reported
Operator : Not reported
Oversight Prgm: Department of Defense UST
Review Date : 1/31/02 0:00
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0609592167
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

D16
SSE
1/4-1/2
1592 ft.

PRESIDIO TRUST
50 MORAGA AVENUE
SAN FRANCISCO, CA 94129

HAZNET S105087644
N/A

Relative:
Higher

Site 1 of 2 in cluster D

Actual:
107 ft.

HAZNET:
Gepaid: CAC002298465
TSD EPA ID: CAD981382732
Gen County: San Francisco
Tsd County: 1
Tons: .4214
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: PRESIDIO TRUST
Telephone: (000) 000-0000
Mailing Address: PO BOX 29052 BUILDING 34 GRAHAM STREET
SAN FRANCISCO, CA 94129
County: San Francisco

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

C17
South
1/4-1/2
1601 ft.

PRESIDIO OF SAN FRANCISCO UST 338.2
338 INFANTRY TERRACE
SAN FRANCISCO, CA 94129

LUST **S105692722**
N/A

Site 4 of 4 in cluster C

Relative:
Higher

State LUST:

Actual:
155 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38D9225
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency: Not reported
 Case Type: Not reported
 Status: Preliminary site assessment underway
 Review Date: Not reported
 Workplan: 1/1/98 0:00
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 08/24/2000
 Cleanup Fund Id: Not reported
 Discover Date: / /
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 8/24/00 0:00
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 0
 Beneficial: potable
 Staff: JDP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm: Department of Defense UST
 Review Date: 8/24/00 0:00
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0600192242
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: 1/1/98 0:00
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 338.2 (Continued)

S105692722

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

**18
 ESE
 1/4-1/2
 1612 ft.**

**PRESIDIO OF SAN FRANCISCO
 34 GRAHAM ST
 SAN FRANCISCO, CA**

**CA SLIC S106235106
 N/A**

**Relative:
 Lower**

SLIC Region 2:
 Facility ID: SL1821C602
 Region: 2
 Facility Status: Not reported
 Date Closed: Not reported
 Local Case #: Not reported
 How Discovered : PTR
 Leak Cause : Not reported
 Leak Source : Not reported
 Date Confirmed : Not reported
 Date Prelim Site Assmnt Workplan Submitted :Not reported
 Date Preliminary Site Assessment Began : Not reported
 Date Pollution Characterization Began : Not reported
 Date Remediation Plan Submitted : Not reported
 Date Remedial Action Underway : Not reported
 Date Post Remedial Action Monitoring Began :Not reported

**Actual:
 65 ft.**

**D19
 SE
 1/4-1/2
 1703 ft.**

**PRESIDIO OF SAN FRANCISCO UST 42
 42 MORAGA AVENUE
 SAN FRANCISCO, CA 0**

**LUST S105690570
 N/A**

Site 2 of 2 in cluster D

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38D9241
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency : Not reported
 Case Type: Not reported
 Status: Preliminary site assessment workplan submitted
 Review Date: Not reported Confirm Leak: Not reported
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/01/2089
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported

**Actual:
 107 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 42 (Continued)

S105690570

How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: NOR
 Local Case # : 0
 Beneficial: potable
 Staff : JDP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: Department of Defense UST
 Review Date : 1/31/02 0:00
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0601392258
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtb Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

20
South
1/4-1/2
1761 ft.

PRESIDIO OF SAN FRANCISCO UST 334
334 INFANTRY TERRACE
SAN FRANCISCO, CA 0

LUST S105691560
N/A

Relative:
Higher

State LUST:

Actual:
178 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38D9251
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency : Not reported
 Case Type: Not reported
 Status: Not reported
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : / /
 Enforcement Dt : Not reported
 Enf Type: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 334 (Continued)

S105691560

Enter Date : Not reported
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: NOR
 Local Case # : 0
 Beneficial: Not reported
 Staff : JDP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: Department of Defense UST
 Review Date : 1/31/02 0:00
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607592268
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

21
South
1/4-1/2
2040 ft.

PRESIDIO OF SAN FRANCISCO UST 328.2
328 INFANTRY TERRACE
SAN FRANCISCO, CA 94129

LUST S105694059
N/A

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38D9224
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency : Not reported
 Case Type: Not reported
 Status: Preliminary site assessment underway
 Review Date: Not reported
 Workplan: 1/1/98 0:00
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 08/24/2000

Actual:
202 ft.

Confirm Leak: Not reported
 Prelim Assess: 1/1/98 0:00
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 328.2 (Continued)

S105694059

Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 3/21/96 0:00
Funding: Not reported
Staff Initials: Not reported
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 0
Beneficial: potable
Staff : JDP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Department of Defense UST
Review Date : 8/24/00 0:00
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0600192241
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

E22 THE PRESIDIO TRUST
SE 10 FUNSTON
1/4-1/2 SAN FRANCISCO, CA 94129
2215 ft.

FINDS 1001227037
RCRIS-LQG CAR000042770

Relative:
Higher

Site 1 of 4 in cluster E

Actual:
92 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

THE PRESIDIO TRUST (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1001227037

RCRIS:

Owner: PRESIDIO TRUST
 (415) 561-5300
 EPA ID: CAR000042770
 Contact: BRUCE ANDERSON
 (415) 561-5330
 Classification: Large Quantity Generator
 TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 2001

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	11071.73	D002	6080.07
D008	71200.00	D013	100.00
D018	4991.66		

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system

**E23
 SE
 1/4-1/2
 2215 ft.**

**PRESIDIO OF SAN FRANCISCO UST 12
 12 FUNSTON AVENUE
 SAN FRANCISCO, CA 94129**

**LUST S105690123
 N/A**

Site 2 of 4 in cluster E

**Relative:
 Higher**

State LUST:

**Actual:
 92 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38D9217
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency: Not reported
 Case Type: Not reported
 Status: Preliminary site assessment underway
 Review Date: Not reported
 Workplan: 8/21/00 0:00
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 08/21/2000
 Cleanup Fund Id: Not reported
 Discover Date: 08/20/2000
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 8/21/00 0:00
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported

Confirm Leak: Not reported
 Prelim Assess: 8/21/00 0:00
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 12 (Continued)

S105690123

MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 0
 Beneficial: potable
 Staff : JDP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: Department of Defense UST
 Review Date : 8/21/00 0:00
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0600192234
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

E24
SE
 1/4-1/2
 2215 ft.

PRESIDIO OF SAN FRANCISCO UST 11
11 FUNSTON AVENUE
SAN FRANCISCO, CA 94129

LUST S105690560
N/A

Site 3 of 4 in cluster E

Relative:
Higher

State LUST:

Actual:
92 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38D9216
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency : Not reported
 Case Type: Not reported
 Status: Preliminary site assessment underway
 Review Date: Not reported
 Workplan: 8/21/00 0:00
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 08/21/2000
 Cleanup Fund Id : Not reported
 Discover Date : 01/01/1999
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : 8/21/00 0:00
 Funding: Not reported
 Staff Initials: Not reported
 Confirm Leak: Not reported
 Prelim Assess: 8/21/00 0:00
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 11 (Continued)

S105690560

How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: LOW
 Local Case # : 0
 Beneficial: potable
 Staff : JDP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : Not reported
 Operator : Not reported
 Oversight Prgm: Department of Defense UST
 Review Date : 8/21/00 0:00
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0600192233
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

25
East
1/4-1/2
2230 ft.

US DOI NPS PRESIDIO OF SAN FRANCISCO
210 HALLECK ST
SAN FRANCISCO, CA 94129

HAZNET S102809077
N/A

Relative:
Lower

HAZNET:
 Gepaid: CAH777000736
 TSD EPA ID: WAD991281767
 Gen County: San Francisco
 Tsd County: 99
 Tons: .1417
 Waste Category: Household waste
 Disposal Method: Not reported
 Contact: US DEPT OF INTERIOR
 Telephone: (000) 000-0000
 Mailing Address: 102 MONTGOMERY
 SAN FRANCISCO, CA 94129
 County San Francisco

Actual:
32 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

F26 **PRESIDIO OF SAN FRANCISCO BLDG 68**
ESE **68 MARTINEZ STREET**
1/4-1/2 **SAN FRANCISCO, CA 0**
2261 ft.

LUST **S105690360**
N/A

Site 1 of 2 in cluster F

Relative:
Lower

State LUST:

Actual:
62 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	6/5/00 0:00
Case Number	38D9202	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	0		
Lead Agency:	Regional Board		
Local Agency :	Not reported		
Case Type:	Not reported		
Status:	Preliminary site assessment underway		
Review Date:	Not reported		
Workplan:	6/5/00 0:00		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	06/05/2000		
Cleanup Fund Id :	Not reported		
Discover Date :	02/25/2009		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	6/5/00 0:00		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	LOW		
Local Case # :	0		
Beneficial:	potable		
Staff :	JDP		
GW Qualifier :	Not reported		
Max MTBE Soil :	0.005 Parts per Million		
Soil Qualifier :	<		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Department of Defense UST		
Review Date :	6/5/00 0:00		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607592219		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO BLDG 68 (Continued)

S105690360

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

**E27
 SE
 1/4-1/2
 2274 ft.**

**PRESIDIO OF SAN FRANCISCO BLDG 3
 3 FUNSTON AVENUE
 SAN FRANCISCO, CA 0**

**LUST S105690566
 N/A**

Site 4 of 4 in cluster E

**Relative:
 Higher**

State LUST:

**Actual:
 87 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38D9240
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency: Not reported
 Case Type: Not reported
 Status: Preliminary site assessment workplan submitted
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 01/01/2090
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: NOR
 Local Case #: 0
 Beneficial: Not reported
 Staff: JDP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm: Department of Defense UST
 Review Date: 1/31/02 0:00
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0600192257

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO BLDG 3 (Continued)

S105690566

Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

**F28
 ESE
 1/4-1/2
 2278 ft.**

**PRESIDIO OF SAN FRANCISCO UST 64
 64 MARTINEZ AVENUE
 SAN FRANCISCO, CA 94129**

**LUST S105692815
 N/A**

Site 2 of 2 in cluster F

**Relative:
 Lower**

State LUST:

**Actual:
 61 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38D9218
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency: Not reported
 Case Type: Not reported
 Status: Preliminary site assessment underway
 Review Date: Not reported
 Workplan: 8/23/00 0:00
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 08/23/2000
 Cleanup Fund Id: Not reported
 Discover Date: 01/01/1999
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 8/23/00 0:00
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 0
 Beneficial: potable
 Staff: JDP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm: Department of Defense UST
 Review Date: 8/23/00 0:00

Confirm Leak: Not reported
 Prelim Assess: 8/23/00 0:00
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 64 (Continued)

S105692815

Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0600192235
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

29
ENE
1/4-1/2
2632 ft.

CHRISTY CONSTRUCTION
CORNER OF MARSHALL / MASON ST
SAN FRANCISCO, CA 94129

HAZNET S102805540
N/A

Relative:
Lower

HAZNET:

Gepaid: CAC001134240
 TSD EPA ID: CAD982444481
 Gen County: San Francisco
 Tsd County: San Bernardino
 Tons: 3.5000
 Waste Category: Contaminated soil from site clean-ups
 Disposal Method: Transfer Station
 Contact: Not reported
 Telephone: (000) 000-0000
 Mailing Address: 4925 SEAPORT AVE
 RICHMOND, CA 94804
 County San Francisco

Actual:
11 ft.

30
WSW
1/2-1
3389 ft.

PRESIDIO OF SAN FRANCISCO UST 1233
1233 UPTON STREET
SAN FRANCISCO, CA 94129

LUST S105690559
N/A

Relative:
Higher

State LUST:

Cross Street:	Not reported	
Qty Leaked:	0	
Case Number	38D9212	
Reg Board:	2	
Chemical:	0	
Lead Agency:	Regional Board	
Local Agency :	Not reported	
Case Type:	Not reported	
Status:	Preliminary site assessment underway	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	8/16/00 0:00	Prelim Assess: 8/16/00 0:00
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	Not reported	
Release Date:	08/16/2000	
Cleanup Fund Id :	Not reported	
Discover Date :	03/01/2000	

Actual:
249 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 1233 (Continued)

S105690559

Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : 8/16/00 0:00
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 0
 Beneficial: potable
 Staff : JDP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: Department of Defense UST
 Review Date : 8/16/00 0:00
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0600192229
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

G31 BARONE PROPERTY
ESE 3054 LYON ST
1/2-1 SAN FRANCISCO, CA
4467 ft.

LUST S102424958
Cortese N/A

Site 1 of 2 in cluster G

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0834
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported

**Actual:
 44 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BARONE PROPERTY (Continued)

S102424958

Monitoring: Not reported
 Close Date: 11/8/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/09/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10692
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500729
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10692
 Facility Id: 38-0834
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BARONE PROPERTY (Continued)

S102424958

Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0834
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/19/96
Number of Wells: 0
Cross Street: CHESTNUT ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/24/96
Closed Date: 11/8/96
Review Date: / /
Report Date: 08/19/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 08/19/96
How Discovered: Tank Closure
Discovered Date: 09/09/96
Case Number: 10692
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 09/24/96
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BARONE PROPERTY (Continued)

S102424958

Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/08/96
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: CHESTNUT ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 3054 LYON ST

H32 PRESIDIO OF SAN FRANCISCO GOLF COURSE
SSE WEST PACIFIC AVE AND ARGUELLO BLVD
1/2-1 SAN FRANCISCO, CA 94129
4480 ft.

LUST S105690875
N/A

Site 1 of 6 in cluster H

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38D9203
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency: Not reported
 Case Type: Not reported
 Status: Leak being confirmed
 Review Date: 6/8/00 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 06/08/2000
 Cleanup Fund Id: Not reported
 Discover Date: 01/01/2000
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 6/8/00 0:00
 Funding: Not reported

**Actual:
 297 ft.**

Confirm Leak: 6/8/00 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO GOLF COURSE (Continued)

S105690875

Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : 3/30/99 0:00
 Max MTBE GW : 2 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case # : 0
 Beneficial: potable
 Staff : JDP
 GW Qualifier : <
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: Department of Defense UST
 Review Date : 6/8/00 0:00
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607592220
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

I33 1X DR. LEONARD GORDON
SSE 1 CHERRY STREET
1/2-1 SAN FRANCISCO, CA 94115
4483 ft.

HAZNET S102804777
LUST N/A

Site 1 of 8 in cluster I

Relative: LUST Region 2:
Higher Region: 2
Actual: Case Number: 10662
281 ft. Facility Id: 38-0779
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

1X DR. LEONARD GORDON (Continued)

S102804777

HAZNET:
 Gepaid: CAC001072536
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .8000
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: DR. LEONARD GORDON
 Telephone: (000) 000-0000
 Mailing Address: 1 CHERRY STREET
 SAN FRANCISCO, CA 94115
 County: San Francisco

**I34
 SSE
 1/2-1
 4483 ft.**

**1 CHERRY ST
 1 CHERRY ST
 SAN FRANCISCO, CA 94118**

**LUST S102423362
 Cortese N/A**

Site 2 of 8 in cluster I

**Relative:
 Higher**

**Actual:
 281 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0779
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/18/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 02/20/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10662
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

1 CHERRY ST (Continued)

S102423362

Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500676
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST San Francisco County:

Facility ID: 38 0779
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 3/8/96
Number of Wells: 0
Cross Street: JACKSON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/17/96
Closed Date: 7/18/96
Review Date / /
Report Date 03/08/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 12/05/95
How Discovered: Tank Closure
Discovered Date: 02/20/96
Case Number: 10662
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

1 CHERRY ST (Continued)

S102423362

Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 07/17/96
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 06/12/96
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/18/96
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: JACKSON ST
 Benzene Test: Not reported
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 17
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported
 CORTESE:
 Region: CORTESE
 Fac Address 2: 1 CHERRY ST

J35 PRESIDIO OF SAN FRANCISCO UST 748/750
SE 748/750 LIGGETT AVE
1/2-1 SAN FRANCISCO, CA 0
4501 ft.

LUST S106162127
N/A

**Relative:
 Higher**

Site 1 of 2 in cluster J

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38D9276
 Reg Board: 2

**Actual:
 180 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 748/750 (Continued)

S106162127

Chemical: 0
Lead Agency: Regional Board
Local Agency : Not reported
Case Type: Not reported
Status: Not reported
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : Not reported
Funding: Not reported
Staff Initials: Not reported
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: NOR
Local Case # : 0
Beneficial: Not reported
Staff : JDP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Department of Defense UST
Review Date : 1/31/02 0:00
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607592270
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

J36 **PRESIDIO OF SAN FRANCISCO UST 749/751**
SE **749/751 LIGGETT AVENUE**
1/2-1 **SAN FRANCISCO, CA 0**
4504 ft.

LUST **S106162234**
 N/A

Site 2 of 2 in cluster J

Relative:
Higher

State LUST:

Actual:
180 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38D9277
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency: Not reported
 Case Type: Not reported
 Status: Not reported
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: / /
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: NOR
 Local Case #: 0
 Beneficial: Not reported
 Staff: JDP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm: Department of Defense UST
 Review Date: 1/31/02 0:00
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607592271
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 749/751 (Continued)

S106162234

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

**G37
 East
 1/2-1
 4542 ft.**

**DICKIE TRUST
 2665 CHESTNUT ST
 SAN FRANCISCO, CA 94123**

**LUST S102428808
 Cortese N/A**

Site 2 of 2 in cluster G

**Relative:
 Lower**

State LUST:

**Actual:
 33 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0471
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: 1/14/93 0:00
 Close Date: 4/20/93 0:00
 Release Date: 01/14/1993
 Cleanup Fund Id: Not reported
 Discover Date: 09/22/1992
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 4/15/93 0:00
 Funding: Federal Funds
 Staff Initials: UNK
 How Discovered: Tank Closure
 How Stopped: Not reported
 Interim: Yes
 Leak Cause: Structure Failure
 Leak Source: Tank
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case #: 0
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: 12/9/99 0:00
 Stop Date: 09/22/1992
 Work Suspended: No
 Responsible Party: BLANK RP

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DICKIE TRUST (Continued)

S102428808

RP Address: Not reported
 Global Id: T0607500420
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 38-0471
 Facility Id: 38-0471
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Structure Failure
 Leak Source: Tank
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: 1/14/1993

CORTESE:

Region: CORTESE
 Fac Address 2: 2665 CHESTNUT ST

H38
South
1/2-1
4573 ft.

APARTMENT BUILDING
41 ARGUELLO BL.
SAN FRANCISCO, CA 94118

LUST S104657124
N/A

Site 2 of 6 in cluster H

Relative:
Higher

State LUST:

Actual:
289 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1455
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/9/99 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 12/02/1998
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENT BUILDING (Continued)

S104657124

Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11308
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501339
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11308
 Facility Id: 38-1455
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1455
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

APARTMENT BUILDING (Continued)

S104657124

Case Type: Soil only
Release Date: 12/2/98
Number of Wells: Not reported
Cross Street: Jackson
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: LOBOS
Enforcement Type: NOR
Enforcement Due Date: 10/06/99
NOR Date: 10/6/99
Closed Date: 11/9/99
Review Date: 11/08/99
Report Date: 12/02/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 12/02/98
How Discovered: Tank Closure
Discovered Date: 12/02/98
Case Number: 11308
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Anthony Torrano
Entered Date: 10/06/99
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 12/02/98
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 11/09/99
Abatement: Not reported
CUFID: Not reported
Beneficial Use: Yes

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENT BUILDING (Continued)

S104657124

Suspended: No
 Program: LOP
 Cross Street: Jackson
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 13
 TPH Date: 12/02/98
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

H39
 South
 1/2-1
 4593 ft.

RESIDENCE
3899 JACKSON ST
SAN FRANCISCO, CA 94118

HAZNET S103955148
Cortese N/A

Site 3 of 6 in cluster H

Relative:
Higher

HAZNET:
 Gepaid: CAC001500576
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: .4170
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: DOUGLAS HORNER
 Telephone: (415) 922-4871
 Mailing Address: 2400 STEINER ST
 SAN FRANCISCO, CA 94115
 County: San Francisco

Actual:
287 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 3899 JACKSON ST

H40
 South
 1/2-1
 4593 ft.

RESIDENCE
3899 JACKSON STREET
SAN FRANCISCO, CA 94118

LUST S105248094
N/A

Site 4 of 6 in cluster H

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1275
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed

Actual:
287 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248094

Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	8/18/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	09/28/1998		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	CDM		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Medium priority		
Local Case # :	11155		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501160		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	11155
Facility Id:	38-1275
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Workplan Submitted:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248094

Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1275
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Moderate Priority Site
 Case Type: Soil only
 Release Date: 10/1/98
 Number of Wells: Not reported
 Cross Street: ARGUELLO BLVD
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: Lobos Basin
 Enforcement Type: NOR
 Enforcement Due Date: 02/12/99
 NOR Date: 2/12/99
 Closed Date: 8/18/99
 Review Date: 08/18/99
 Report Date: 10/01/98
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 09/28/98
 How Discovered: Tank Closure
 Discovered Date: 09/28/98
 Case Number: 11155
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Not reported
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: <.005
 Maximum Soil GW: NT
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Douglas Horner
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 02/12/99
 Facility Staff: CDM
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248094

Leak Confirmed: 02/12/99
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 08/18/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: Not reported
 Program: LOP
 Cross Street: ARGUELLO BLVD
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: NT
 Max TPH Soil: 84
 TPH Date: 08/19/98
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

H41
SSE
1/2-1
4596 ft.

RESIDENCE
3885 JACKSON ST
SAN FRANCISCO, CA 94118

HAZNET S103977500
Cortese N/A

Relative:
Higher

Site 5 of 6 in cluster H

Actual:
287 ft.

HAZNET:
 Gepaid: CAC001168344
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.2510
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: MICHELLE PATTERSON
 Telephone: (415) 752-1381
 Mailing Address: 3885 JACKSON ST
 SAN FRANCISCO, CA 94118
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 3885 JACKSON ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

H42
SSE
1/2-1
4596 ft.

RESIDENCE
3885 JACKSON STREET
SAN FRANCISCO, CA 94118

LUST **S105248093**
N/A

Site 6 of 6 in cluster H

Relative:
Higher

State LUST:

Actual:
287 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1010
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/29/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/22/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10910
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500903
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248093

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10910
 Facility Id: 38-1010
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1010
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 1/22/98
 Number of Wells: Not reported
 Cross Street: ARGUELLO ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: Lobos Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /
 NOR Date: 1/27/98
 Closed Date: 4/29/98
 Review Date: / /
 Report Date: 01/22/98
 Leak Source: Unknown
 Leak Cause: Corrosion
 How Stopped: Repair Tank
 Stopped Date: 01/21/98
 How Discovered: Tank Closure
 Discovered Date: 01/22/98
 Case Number: 10910
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248093

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: MICHELLE PATTERSON
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 01/27/98
 Facility Staff: AL
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 04/29/98
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Excavate and Dispose (landfill) of soil
 CUFID: 13678
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: ARGUELLO ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

I43
SSE
1/2-1
4672 ft.

RESIDENTIAL APT.
3769 JACKSON STREET
SAN FRANCISCO, CA 94118

LUST S104657173
N/A

Site 3 of 8 in cluster I

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1236
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency

Actual:
279 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657173

Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 11/17/98 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 02/27/1998
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11092
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501121
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:

Region: 2
Case Number: 11092
Facility Id: 38-1236
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657173

Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1236
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 3/10/98
Number of Wells: Not reported
Cross Street: CHERRY ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 11/17/98
Closed Date: 11/17/98
Review Date: / /
Report Date: 03/10/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 02/27/98
How Discovered: Tank Closure
Discovered Date: 02/27/98
Case Number: 11092
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 0.6
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Charles Charnas
RP Address: Not reported
Operator: Not reported
Entered Date: 11/17/98
Facility Staff: al

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657173

Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/17/98
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: CHERRY ST
 Benzene Test: YES
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: bedrock at bottom

I44 RESIDENTIAL APARTMENT
SSE 3769 JACKSON ST
1/2-1 SAN FRANCISCO, CA 94118
4672 ft.

HAZNET S103955570
Cortese N/A

Site 4 of 8 in cluster I

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001375280
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 4.1700
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: CAHARLES CHARNAS
 Telephone: (415) 386-1787
 Mailing Address: 3769 JACKSON ST
 SAN FRANCISCO, CA 94118
 County: San Francisco

**Actual:
 279 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S103955570

Gepaid: CAC001375280
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: .9174
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: CAHARLES CHARNAS
 Telephone: (415) 386-1787
 Mailing Address: 3769 JACKSON ST
 SAN FRANCISCO, CA 94118
 County San Francisco

Gepaid: CAC001375280
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 4.1700
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Not reported
 Contact: CAHARLES CHARNAS
 Telephone: (415) 386-1787
 Mailing Address: 3769 JACKSON ST
 SAN FRANCISCO, CA 94118
 County San Francisco

Gepaid: CAC001375280
 TSD EPA ID: CAL000161741
 Gen County: San Francisco
 Tsd County: 1
 Tons: .9174
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Not reported
 Contact: CAHARLES CHARNAS
 Telephone: (415) 386-1787
 Mailing Address: 3769 JACKSON ST
 SAN FRANCISCO, CA 94118
 County San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 3769 JACKSON ST

**I45
 SSE
 1/2-1
 4679 ft.**

**RESIDENCE
 110 CHERRY STREET
 SAN FRANCISCO, CA 94118**

**LUST U003659361
 N/A**

**Relative:
 Higher**

Site 5 of 8 in cluster I

**Actual:
 286 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1293
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported

Confirm Leak: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

U003659361

Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	6/20/94 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	06/20/1994		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11184		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501178		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	11184
Facility Id:	38-1293
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

U003659361

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1293
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 3/1/99
Number of Wells: Not reported
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/1/99
Closed Date: Not reported
Review Date: 02/06/01
Report Date: 06/20/94
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 06/20/94
How Discovered: Tank Closure
Discovered Date: 06/20/94
Case Number: 11184
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Yamanouchi Real
RP Address: 277 Park Avenue
Operator: Not reported
Entered Date: 03/01/99
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/01/99

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

U003659361

Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 02/06/01
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: Not reported
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 62
 TPH Date: 06/21/94
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

I46
SSE
1/2-1
4679 ft.

RESIDENTIAL
110 CHERRY ST
SAN FRANCISCO, CA 94118

Cortese S103890716
N/A

Relative:
Higher

Site 6 of 8 in cluster I

CORTESE:
 Region: CORTESE
 Fac Address 2: 110 CHERRY ST

Actual:
286 ft.

I47
SSE
1/2-1
4683 ft.

RESIDENCE
3756 JACKSON STREET
SAN FRANCISCO, CA 94118

LUST S105248091
N/A

Relative:
Higher

Site 7 of 8 in cluster I

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0708
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
275 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248091

Remed Action: Not reported
Monitoring: Not reported
Close Date: 12/21/98 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 07/25/1995
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11012
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500617
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11012
Facility Id: 38-0708
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number
EDR ID Number

RESIDENCE (Continued)

S105248091

Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0708
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.789855 / 122.455511
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/18/95
Number of Wells: Not reported
Cross Street: MAPLE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/22/98
Closed Date: 12/21/98
Review Date: / /
Report Date: 09/18/95
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 07/25/95
How Discovered: Tank Closure
Discovered Date: 07/25/95
Case Number: 11012
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Ann Barry, 3756
RP Address: Not reported
Operator: Not reported
Entered Date: 07/22/98
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 12/21/95
Workplan Submitted: Not reported
Assessment Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248091

Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 12/21/98
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: MAPLE ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

I48 RESIDENCE
SSE 3756 JACKSON ST
1/2-1 SAN FRANCISCO, CA 94118
4683 ft.

HAZNET S102431708
Cortese N/A

Site 8 of 8 in cluster I

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001130280
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: 2.0850
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: ALINE IZMIRLIAN
 Telephone: (000) 000-0000
 Mailing Address: 24 DEBELL
 ATHERTON, CA 94027
 County San Francisco
 Gepaid: CAC001130280
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .2750
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: ALINE IZMIRLIAN
 Telephone: (000) 000-0000
 Mailing Address: 24 DEBELL
 ATHERTON, CA 94027
 County San Francisco

**Actual:
 275 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S102431708

Gepaid: CAP400478210
 TSD EPA ID: CAT000646117
 Gen County: 0
 Tsd County: Kings
 Tons: 4.5000
 Waste Category: Other inorganic solid waste
 Disposal Method: Treatment, Tank
 Contact: Not reported
 Telephone: (000) 000-0000
 Mailing Address: 00000
 County: 0

CORTESE:
 Region: CORTESE
 Fac Address 2: 3756 JACKSON ST

**49
 SSE
 1/2-1
 4703 ft.**

**RESIDENCE
 3736 JACKSON ST
 SAN FRANCISCO, CA**

**LUST S105248089
 Cortese N/A**

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0826
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2/6/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 02/25/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10707
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 270 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248089

Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500722
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10707
Facility Id: 38-0826
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0826
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/18/95
Number of Wells: 0
Cross Street: CHERRY ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/10/96
Closed Date: 2/6/97

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248089

Review Date / /
 Report Date 09/18/95
 Leak Source: Tank
 Leak Cause: Unknown
 How Stopped: Remove Contents
 Stopped Date: 12/02/92
 How Discovered: Not reported
 Discovered Date: 02/25/96
 Case Number: 10707
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 10/10/96
 Facility Staff: AL
 Facility Status: 9
 Funding: Not reported
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 02/06/97
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: CHERRY ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

S105248089

Comments: Not reported
 Summary: Not reported
 CORTESE:
 Region: CORTESE
 Fac Address 2: 3736 JACKSON ST

50
East
1/2-1
4720 ft.

RESIDENCE
2375-2377 BAY ST
SAN FRANCISCO, CA 94123

LUST S106163231
N/A

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0763
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/22/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 03/21/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10620
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
16 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S106163231

Global Id: T0607500663
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10620
 Facility Id: 38-0763
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

K51 ARDENBROOK INC
SSE 139 CHERRY STREET
1/2-1 SAN FRANCISCO, CA 94118
4770 ft.

HAZNET S102424500
LUST N/A

Site 1 of 2 in cluster K

**Relative:
 Higher**

LUST Region 2:

**Actual:
 286 ft.**

Region: 2
 Case Number: 10271
 Facility Id: 38-0488
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0488
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: 37.789271 / 122.456257
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 4/15/94
 Number of Wells: 0
 Cross Street: WASHINGTON ST
 Free Product: No

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARDENBROOK INC (Continued)

S102424500

Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Lobos Basin
Enforcement Type: 2A
Enforcement Due Date: / /
NOR Date: 5/19/94
Closed Date: 5/31/94
Review Date: / /
Report Date: 04/15/94
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 04/15/94
How Discovered: Tank Closure
Discovered Date: 04/27/94
Case Number: 10271
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/19/94
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 04/15/94
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 05/31/94
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: WASHINGTON ST
Benzene Test: Not reported
TPH Tested: YES

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARDENBROOK INC (Continued)

S102424500

Max TPH GW: Not reported
 Max TPH Soil: 32000
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

HAZNET:

Gepaid: CAC000717840
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .2500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: KENNETH CHAIT
 Telephone: (510) 797-7980
 Mailing Address: 4725 THORNTON AVENUE
 FREMONT, CA 94536
 County San Francisco

Gepaid: CAC000717840
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: .8340
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: KENNETH CHAIT
 Telephone: (510) 797-7980
 Mailing Address: 4725 THORNTON AVENUE
 FREMONT, CA 94536
 County San Francisco

K52 ARDEN BROOK INC PROPOPERT
SSE 139 CHERRY
1/2-1 SAN FRANCISCO, CA 94118
4770 ft.

LUST S103890806
Cortese N/A

Site 2 of 2 in cluster K

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0488
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported

**Actual:
 286 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARDEN BROOK INC PROPOPERT (Continued)

S103890806

Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/31/94 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/27/1994
 Enforcement Dt : Not reported
 Enf Type: 2A
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10271
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500435
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

CORTESE:

Region: CORTESE
 Fac Address 2: Not reported

L53 SOOY RESIDENCE
South 9 05TH AVE
1/2-1 SAN FRANCISCO, CA 0
4776 ft.

LUST S103879639
N/A

Site 1 of 2 in cluster L

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1370

**Actual:
 229 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SOOY RESIDENCE (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

S103879639

Reg Board: 2
Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 6/7/99 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 03/28/1999
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11235
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501255
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:
Region: 2
Case Number: 11235
Facility Id: 38-1370

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SOOY RESIDENCE (Continued)

S103879639

Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1370
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/6/99
Number of Wells: Not reported
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 6/7/99
Closed Date: 6/7/99
Review Date: / /
Report Date: 04/06/99
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 03/28/99
Case Number: 11235
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Francis &
RP Address: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SOOY RESIDENCE (Continued)

S103879639

Operator: Not reported
 Entered Date: 06/07/99
 Facility Staff: SC
 Facility Status: 9
 Funding: R
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/07/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: Not reported
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

L54
South
1/2-1
4776 ft.

SOOY RESIDENCE
9 5TH AVE
SAN FRANCISCO, CA 94118

HAZNET S104568984
Cortese N/A

Relative:
Higher

Site 2 of 2 in cluster L

Actual:
229 ft.

HAZNET:
 Gepaid: CAC001490392
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 3.5445
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: FRANCIS A. SOOY
 Telephone: (510) 430-2843
 Mailing Address: 9 5TH AVE
 SAN FRANCISCO, CA 94118
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 9 5TH AVE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

M55
South
1/2-1
4788 ft.

SUSAN MCBAINE
20 PRESIDIO TERRACE
SAN FRANCISCO, CA 94118

HAZNET
LUST **S104657029**
N/A

Site 1 of 4 in cluster M

Relative:
Higher

State LUST:

Actual:
266 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-2024	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	68476302		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	9/26/00 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	06/15/2000		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11399		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607563120		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SUSAN MCBAINE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104657029

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Case Number: 11399
Facility Id: 38-2024
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:
Facility ID: 02 300 023
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Arguello Blvd
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: LOBOS
Enforcement Type: NOR
Enforcement Due Date: 09/21/00
NOR Date: Not reported
Closed Date: 9/26/00
Review Date: 09/25/00
Report Date: 06/26/00
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 06/15/00
How Discovered: Tank Closure
Discovered Date: 06/15/00
Case Number: 11399
Staff Initial: VP
Substance: 68476302
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SUSAN MCBAIN (Continued)

S104657029

MTBE DATE: 06/15/00
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Susan McBaine
Entered Date: 09/21/00
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 06/15/00
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/26/00
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: Arguello Blvd
Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 1800
TPH Date: 06/15/00
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: 6/21/00
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:
Gepaid: CAC002285417
TSD EPA ID: CAL000161743
Gen County: San Francisco
Tsd County: Santa Clara
Tons: .5212
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: SUSAN MCBAIN
Telephone: (415) 387-1883
Mailing Address: 20 PRESIDIO TERRACE
SAN FRANCISCO, CA 94118
County: San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SUSAN MCBAINE (Continued)

S104657029

Gepaid: CAC002285417
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 3.6696
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: SUSAN MCBAINE
 Telephone: (415) 387-1883
 Mailing Address: 20 PRESIDIO TERRACE
 SAN FRANCISCO, CA 94118
 County San Francisco

56
ENE
1/2-1
4787 ft.

CLAREMONT REALTY
755 MARINA BLVD
SAN FRANCISCO, CA 94123

LUST **S102955783**
Cortese **N/A**

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0951
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/5/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/08/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10892
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D

Actual:
2 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CLAREMONT REALTY (Continued)

S102955783

Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500845
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10892
Facility Id: 38-0951
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0951
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 8/12/97
Number of Wells: Not reported
Cross Street: BAKER
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 11/4/97
Closed Date: 11/5/97
Review Date: / /
Report Date: 08/12/97

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CLAREMONT REALTY (Continued)

S102955783

Leak Source:	Tank
Leak Cause:	Corrosion
How Stopped:	Close Tank
Stopped Date:	08/12/97
How Discovered:	Tank Closure
Discovered Date:	09/08/97
Case Number:	10892
Staff Initial:	VP
Substance:	Heater Fuel
Substance Qty:	Not reported
Interim Remediation:	Y
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	Not reported
Maximum Soil GW:	ND
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	1
Reg Board:	2
Responsible Party:	CLAREMONT REALTY
RP Address:	Not reported
Operator:	Not reported
Entered Date:	11/04/97
Facility Staff:	AL
Facility Status:	9
Funding:	Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	/ /
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Case Closed:	11/05/97
Abatement:	Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.) Pump and Treat Ground Water
CUFID:	Not reported
Beneficial Use:	No
Suspended:	No
Program:	LOP
Cross Street:	BAKER
Benzene Test:	ND
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	/ /
Block:	Not reported
Lot:	Not reported
TPH Current:	Not reported
TPH Current Date:	Not reported
MTBE Current:	Not reported
MTBE Current Date:	Not reported
Ground Water Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CLAREMONT REALTY (Continued)

EDR ID Number
 EPA ID Number

S102955783

Summary: Not reported
 CORTESE:
 Region: CORTESE
 Fac Address 2: 755 MARINA BLVD

**N57 RESIDENTIAL APT.
 ESE 2830 LYON STREET
 1/2-1 SAN FRANCISCO, CA 94123
 4789 ft.**

**LUST S104657145
 N/A**

Site 1 of 2 in cluster N

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1163
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/10/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 08/31/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11035
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported

**Actual:
 83 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657145

Global Id: T0607501051
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11035
Facility Id: 38-1163
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1163
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/31/98
Number of Wells: Not reported
Cross Street: GREENWICH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/9/98
Closed Date: 9/10/98
Review Date: / /
Report Date: 08/31/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 08/27/98
How Discovered: Tank Closure
Discovered Date: 08/31/98
Case Number: 11035

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RESIDENTIAL APT. (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

S104657145

Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: theresa Sabella
RP Address: Not reported
Operator: Not reported
Entered Date: 09/09/98
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/10/98
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: GREENWICH ST
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

EDR ID Number
 EPA ID Number

N58 **RESIDENTIAL APARTMENT**
ESE **2830 LYON ST**
1/2-1 **SAN FRANCISCO, CA 94123**
4789 ft.

Cortese **S103472617**
 N/A

Relative: **Site 2 of 2 in cluster N**
Lower

CORTESE:
 Region: CORTESE
 Fac Address 2: 2830 LYON ST

Actual:
83 ft.

M59 **EHRlich PROPERTY**
South **19 PRESIDIO TERRACE**
1/2-1 **SAN FRANCISCO, CA 94118**
4813 ft.

LUST **S102429141**
Cortese **N/A**

Relative: **Site 2 of 4 in cluster M**
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0685
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported Confirm Leak: Not reported
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/14/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/18/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 10555
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended : Not reported

Actual:
263 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EHRlich PROPERTY (Continued)

S102429141

Responsible Party: Not reported
RP Address: Not reported
Global Id: T0607500596
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10555
Facility Id: 38-0685
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0685
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 12/30/93
Number of Wells: 0
Cross Street: PACIFIC AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 11/6/95
Closed Date: 11/14/95
Review Date: / /
Report Date: 12/30/93
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Remove Contents
Stopped Date: / /
How Discovered: Tank Closure

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EHRlich PROPERTY (Continued)

S102429141

Discovered Date: 01/18/95
Case Number: 10555
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 11/06/95
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 11/09/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 11/14/95
Abatement: Not reported
CUFID: 9372
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: PACIFIC AVE
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 12/30/93 ||leak

CORTESE:
Region: CORTESE
Fac Address 2: 19 PRESIDIO TERRACE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

O60 **RESIDENCE**
SSE **3625 JACKSON STREET**
1/2-1 **SAN FRANCISCO, CA 94118**
4856 ft.

HAZNET **S104565846**
LUST **N/A**
Cortese

Site 1 of 6 in cluster O

Relative:
Higher

State LUST:

Actual:
239 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1437	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	7/15/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	07/13/1999		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11289		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501321		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S104565846

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11289
Facility Id: 38-1437
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1437
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 7/15/99
Number of Wells: Not reported
Cross Street: Spruce
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: LOBOS
Enforcement Type: NOR
Enforcement Due Date: 09/09/99
NOR Date: 9/8/99
Closed Date: Not reported
Review Date: 01/31/01
Report Date: 07/15/99
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Close Tank
Stopped Date: 07/15/99
How Discovered: Tank Closure
Discovered Date: 07/13/99
Case Number: 11289
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S104565846

MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Reed Funsten
Entered Date: 09/08/99
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 07/15/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 02/01/01
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: Yes
Suspended: Not reported
Program: LOP
Cross Street: Spruce
Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 13
TPH Date: 07/13/99
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAC001178560
TSD EPA ID: NVD982358483
Gen County: San Francisco
Tsd County: 99
Tons: 0.1626
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: REED & MARGARET FUNSTEN
Telephone: (415) 243-9321
Mailing Address: 3625 JACKSON
SAN FRANCISCO, CA 94118
County: San Francisco

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S104565846

CORTESE:
 Region: CORTESE
 Fac Address 2: 3625 Jackson Street

M61
South
1/2-1
4868 ft.

CHING PROPERTY
15 PRESIDIO TERRACE
SAN FRANCISCO, CA 94118

Cortese S103890951
N/A

Site 3 of 4 in cluster M

Relative:
Higher

CORTESE:
 Region: CORTESE
 Fac Address 2: 15 PRESIDIO TERRACE

Actual:
257 ft.

M62
South
1/2-1
4868 ft.

CHING RESIDENCE
15 PRESIDIO TERRACE
SAN FRANCISCO, CA 94118

LUST S102955790
N/A

Site 4 of 4 in cluster M

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0989
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2/3/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/20/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10913
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
257 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHING RESIDENCE (Continued)

S102955790

Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500882
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10913
Facility Id: 38-0989
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0989
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/20/97
Number of Wells: Not reported
Cross Street: ARGUELLO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/2/98
Closed Date: 2/3/98

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHING RESIDENCE (Continued)

S102955790

Review Date / /
 Report Date 09/20/97
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 05/30/97
 How Discovered: Tank Closure
 Discovered Date: 09/20/97
 Case Number: 10913
 Staff Initial: VP
 Substance: Gasoline
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: SAM CHING
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 02/02/98
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 02/03/98
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: ARGUELLO ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CHING RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 9/20/97 [leak]

S102955790

O63
SSE
 1/2-1
 4870 ft.

LISLE PAYNE
3616 JACKSON ST
SAN FRANCISCO, CA 94118

HAZNET **S105790731**
LUST **N/A**

Site 2 of 6 in cluster O

Relative:
Higher

State LUST:
 Cross Street: SPRUCE STREET
 Qty Leaked: 0
 Case Number: 38-2196
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 11/19/02 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/5/03 0:00
 Release Date: 01/09/2003
 Cleanup Fund Id : Not reported
 Discover Date : 11/19/2002
 Enforcement Dt : Not reported
 Enf Type: FREV
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: UNK
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11535
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 11/19/2002
 Work Suspended :Not reported
 Responsible Party:LISLE PAYNE
 RP Address: 3616 JACKSON STREET
 Global Id: T0607505367
 Org Name: Not reported

Actual:
238 ft.

Confirm Leak: 11/19/02 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LISLE PAYNE (Continued)

S105790731

Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11535
 Facility Id: 38-2196
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: UNK
 Leak Source: Tank
 Date Leak Confirmed: 11/19/2002
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

HAZNET:

Gepaid: CAC002557638
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 1.25
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: LISLE PAYNE
 Telephone: (415) 981-2810
 Mailing Address: 3616 JACKSON ST
 SAN FRANCISCO, CA 94118
 County: Not reported

O64 KERNER PROPERTY
SSE 101 SPRUCE STREET
1/2-1 SAN FRANCISCO, CA 94118
4898 ft.

LUST S105244846
N/A

Site 3 of 6 in cluster O

Relative:
Higher

State LUST:

Actual:
236 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0955	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KERNER PROPERTY (Continued)

S105244846

Close Date: 11/14/97 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 08/18/1997
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 10888
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500849
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10888
Facility Id: 38-0955
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KERNER PROPERTY (Continued)

S105244846

LUST San Francisco County:
Facility ID: 38 0955
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/8/97
Number of Wells: Not reported
Cross Street: JACKSON
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/30/97
Closed Date: 11/14/97
Review Date: / /
Report Date: 08/08/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 08/18/97
How Discovered: Tank Closure
Discovered Date: 08/18/97
Case Number: 10888
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: MELVIN MARTIN
RP Address: Not reported
Operator: Not reported
Entered Date: 10/30/97
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

KERNER PROPERTY (Continued)

S105244846

Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/14/97
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: 12621
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: JACKSON
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 8/18/97 [leak]

O65 RESIDENCE
SSE 101 28TH ST
1/2-1 SAN FRANCISCO, CA 94118
4898 ft.

HAZNET S103620254
LUST N/A
Cortese

Site 4 of 6 in cluster O

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1089
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/1/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/21/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported

**Actual:
 236 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103620254

Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 10917
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500981
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10917
Facility Id: 38-1089
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1089
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 1/15/98
Number of Wells: Not reported
Cross Street: DOLORES ST
Free Product: No
Amount of Free Produce: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103620254

MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/12/98
Closed Date: 12/1/98
Review Date: / /
Report Date: 01/15/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 10/14/97
How Discovered: Tank Closure
Discovered Date: 10/21/97
Case Number: 10917
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: WILLIAM GRASSE
RP Address: Not reported
Operator: Not reported
Entered Date: 02/12/98
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/12/98
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/01/98
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: DOLORES ST
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103620254

Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: update 8/24/98

HAZNET:
 Gepaid: CAC000773040
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.1467
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: JOHN KERNER
 Telephone: (000) 000-0000
 Mailing Address: 101 SPRUCE ST
 SAN FRANCISCO, CA 94118
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 101 28TH ST

Region: CORTESE
 Fac Address 2: 101 28TH ST

66 PRESIDIO OF SAN FRANCISCO UST 69.1
SE 69 PRESIDIO BOULEVARD
1/2-1 SAN FRANCISCO, CA 0
4906 ft.

LUST S105690565
N/A

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38D9238
 Reg Board: 2
 Chemical: 0
 Lead Agency: Regional Board
 Local Agency: Not reported
 Case Type: Not reported
 Status: Not reported
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: / /
 Enforcement Dt: Not reported
 Enf Type: Not reported

Actual:
246 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PRESIDIO OF SAN FRANCISCO UST 69.1 (Continued)

S105690565

Enter Date : Not reported
 Funding: Not reported
 Staff Initials: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: NOR
 Local Case # : 0
 Beneficial: Not reported
 Staff : JDP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: Department of Defense UST
 Review Date : 1/31/02 0:00
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0600192255
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

P67 IAN MAUSNER PROPERTY
SSE 3957 WASHINGTON ST
1/2-1 SAN FRANCISCO, CA 94118
4921 ft.

HAZNET S102431605
LUST N/A
Cortese

Site 1 of 5 in cluster P

**Relative:
 Higher**

State LUST:

**Actual:
 264 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0650
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/23/95 0:00

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

IAN MAUSNER PROPERTY (Continued)

S102431605

Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 06/07/1995
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10502
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500569
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10502
Facility Id: 38-0650
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

IAN MAUSNER PROPERTY (Continued)

S102431605

LUST San Francisco County:
Facility ID: 38 0650
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.788462 / 122.45734
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 6/6/95
Number of Wells: 0
Cross Street: ARGUELLO BLVD
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/15/95
Closed Date: 8/23/95
Review Date: / /
Report Date: 06/06/95
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 06/07/95
Case Number: 10502
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 08/15/95
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 08/24/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

IAN MAUSNER PROPERTY (Continued)

S102431605

Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 08/23/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: ARGUELLO BLVD
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAC001128744
TSD EPA ID: CAD004771168
Gen County: San Francisco
Tsd County: San Francisco
Tons: .7500
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: IAN MAUSNER
Telephone: (000) 000-0000
Mailing Address: 3957 WASHINGTON ST
SAN FRANCISCO, CA 94118
County: San Francisco

Gepaid: CAC001128744
TSD EPA ID: CAD083166728
Gen County: San Francisco
Tsd County: Stanislaus
Tons: .9591
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: IAN MAUSNER
Telephone: (000) 000-0000
Mailing Address: 3957 WASHINGTON ST
SAN FRANCISCO, CA 94118
County: San Francisco

CORTESE:

Region: CORTESE
Fac Address 2: 3957 WASHINGTON ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

P68
SSE
1/2-1
4922 ft.

GINGLES PROPERTY
3954 WASHINGTON STREET
SAN FRANCISCO, CA 94122

LUST **S102430791**
N/A

Site 2 of 5 in cluster P

Relative:
Higher

State LUST:

Actual:
265 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0792
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/20/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/03/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10646
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500689
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GINGLES PROPERTY (Continued)

S102430791

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10646
Facility Id: 38-0792
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0792
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/15/96
Number of Wells: 0
Cross Street: ARGUELLO BLVD
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Islais Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 6/13/96
Closed Date: 6/20/96
Review Date: / /
Report Date: 04/15/96
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 04/15/96
How Discovered: Tank Closure
Discovered Date: 05/03/96
Case Number: 10646
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GINGLES PROPERTY (Continued)

S102430791

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 06/13/96
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 06/19/96
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/20/96
 Abatement: Not reported
 CUFID: 11876
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: ARGUELLO BLVD
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

P69 **GINGLES PROPERTY**
SSE **3954 WASHINGTON ST**
1/2-1 **SAN FRANCISCO, CA 94122**
4922 ft.

Relative:
Higher

Actual:
265 ft.

HAZNET **S103657040**
Cortese **N/A**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GINGLES PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103657040

HAZNET:

Gepaid: CAC001159576
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: .8340
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: CHARLES GINGLES
 Telephone: (415) 386-3954
 Mailing Address: 3954 WASHINGTON ST
 SAN FRANCISCO, CA 94122
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 3954 WASHINGTON ST

**P70
 SSE
 1/2-1
 4937 ft.**

**BLEU PROPERTY
 3930 WASHINGTON ST
 SAN FRANCISCO, CA 94118**

**HAZNET S103950327
 Cortese N/A**

Site 4 of 5 in cluster P

**Relative:
 Higher**

HAZNET:

Gepaid: CAC001377256
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 2.2768
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: ANTHONY BLUE
 Telephone: (415) 387-4454
 Mailing Address: 3930 WASHINGTON ST
 SAN FRANCISCO, CA 94118
 County: San Francisco

**Actual:
 273 ft.**

CORTESE:

Region: CORTESE
 Fac Address 2: 3930 WASHINGTON ST

**P71
 SSE
 1/2-1
 4937 ft.**

**BLEU PROPERTY
 3930 WASHINGTON STREET
 SAN FRANCISCO, CA 94118**

**LUST S103472678
 N/A**

Site 5 of 5 in cluster P

**Relative:
 Higher**

State LUST:

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1179
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported

**Actual:
 273 ft.**

Confirm Leak: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BLEU PROPERTY (Continued)

S103472678

Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	10/26/98 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	07/28/1998		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	11068		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501066		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	11068
Facility Id:	38-1179
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Wokplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BLEU PROPERTY (Continued)

S103472678

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1179
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/4/98
Number of Wells: Not reported
Cross Street: ARGUELLO BLVD
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/26/98
Closed Date: 10/26/98
Review Date: / /
Report Date: 08/04/98
Leak Source: Tank
Leak Cause: Spill
How Stopped: Repair Tank
Stopped Date: 07/28/98
How Discovered: Tank Closure
Discovered Date: 07/28/98
Case Number: 11068
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: 0.75
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Anthony and
RP Address: Not reported
Operator: Not reported
Entered Date: 10/26/98
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BLEU PROPERTY (Continued)

S103472678

Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/26/98
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: ARGUELLO BLVD
 Benzene Test: YES
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: heating fuel

O72 RESIDENCE
SSE 121 SPRUCE STREET
1/2-1 SAN FRANCISCO, CA 94118
4960 ft.

LUST S105248006
N/A

Site 5 of 6 in cluster O

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0935
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/17/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/22/1997
 Enforcement Dt : Not reported
 Enf Type: 2A
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC

**Actual:
 244 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248006

How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10851
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500829
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10851
 Facility Id: 38-0935
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0935
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 5/20/97

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248006

Number of Wells: Not reported
 Cross Street: JACKSON ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OIL NOS. 1 6
 Basin: Lobos Basin
 Enforcement Type: 2A
 Enforcement Due Date: / /
 NOR Date: 7/24/97
 Closed Date: 9/17/97
 Review Date: / /
 Report Date: 05/22/97
 Leak Source: Tank
 Leak Cause: Structure Failure
 How Stopped: Close Tank
 Stopped Date: 05/22/97
 How Discovered: Tank Closure
 Discovered Date: 05/22/97
 Case Number: 10851
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 2A
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 07/24/97
 Facility Staff: SC
 Facility Status: 9
 Funding: Not reported
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/17/97
 Abatement: No Action Required
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Cross Street: JACKSON ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 5/22/97 [leak]

S105248006

O73
SSE
1/2-1
4960 ft.

RESIDENCE
121 SPRUCE ST
SAN FRANCISCO, CA 94118

HAZNET **S103625615**
Cortese **N/A**

Site 6 of 6 in cluster O

Relative:
Higher

Actual:
244 ft.

HAZNET:
 Gepaid: CAC000771040
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 1.4595
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: MARCIA HYMAN
 Telephone: (000) 000-0000
 Mailing Address: 121 SPRUCE ST
 SAN FRANCISCO, CA 94118
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 121 SPRUCE ST

Q74
ENE
1/2-1
5026 ft.

APARTMENTS
3734-3736 BRODERICK
SAN FRANCISCO, CA 94123

LUST **S106162804**
N/A

Site 1 of 3 in cluster Q

Relative:
Lower

Actual:
9 ft.

State LUST:
 Cross Street: MARINA BLVD.
 Qty Leaked: 0
 Case Number: 38-2250
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 9/26/03 0:00
 Workplan: Not reported

Confirm Leak: 9/26/03 0:00
 Prelim Assess: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENTS (Continued)

S106162804

Remed Plan: Not reported

Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/12/04 0:00
 Release Date: 10/08/2003
 Cleanup Fund Id : Not reported
 Discover Date : 09/26/2003
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11589
 Beneficial: Not reported
 Staff : GVL
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 09/26/2003
 Work Suspended :Not reported
 Responsible Party:JOYCE CRISSETI
 RP Address: 3736 BRODERICK STREET
 Global Id: T0607539555
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11589
 Facility Id: 38-2250
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 9/26/2003
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENTS (Continued)

S106162804

Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

Q75
ENE
 1/2-1
 5028 ft.

RESIDENCE
3733 BRODERICK ST
SAN FRANCISCO, CA 94123

LUST **S105248088**
Cortese **N/A**

Site 2 of 3 in cluster Q

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1085
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2/26/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/27/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10982
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500977
 Org Name: Not reported

Actual:
10 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248088

Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10982
Facility Id: 38-1085
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1085
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 9/30/97
Number of Wells: 0
Cross Street: JEFFERSON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: 8'
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 6/4/98
Closed Date: 2/26/99
Review Date: / /
Report Date: 09/30/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 09/22/97
How Discovered: Tank Closure
Discovered Date: 09/27/97
Case Number: 10982
Staff Initial: VP
Substance: Heater Fuel

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248088

Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 12
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Loring Tocchini
RP Address: Not reported
Operator: Not reported
Entered Date: 06/04/98
Facility Staff: MA
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 06/04/98
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 02/26/99
Abatement: Pump and Treat Ground Water
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: JEFFERSON ST
Benzene Test: YES
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Case closed.
CORTESE:
Region: CORTESE
Fac Address 2: 3733 BRODERICK ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

R76
SSE
1/2-1
5035 ft.

RESIDENCE
3524 JACKSON STREET
SAN FRANCISCO, CA 94118

LUST **S105248078**
N/A

Site 1 of 4 in cluster R

Relative:
Higher

State LUST:

Actual:
225 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0910
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/10/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 03/18/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10801
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500805
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248078

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10801
Facility Id: 38-0910
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0910
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 3/20/97
Number of Wells: Not reported
Cross Street: SPRUCE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 4/1/97
Closed Date: 6/10/97
Review Date: / /
Report Date: 03/20/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 03/18/97
How Discovered: Tank Closure
Discovered Date: 03/18/97
Case Number: 10801
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248078

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 04/01/97
 Facility Staff: MA
 Facility Status: 9
 Funding: Not reported
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/10/97
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: SPRUCE ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

R77 TRUST UW
SSE 3524 JACKSON ST
1/2-1 SAN FRANCISCO, CA 94118
5035 ft.
 Relative:
 Higher
 Actual:
 225 ft.

HAZNET S103654872
Cortese N/A

Site 2 of 4 in cluster R

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TRUST UW (Continued)

S103654872

HAZNET:

Gepaid: CAC001261176
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 2.0850
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Not reported
 Contact: TRUST
 Telephone: (000) 000-0000
 Mailing Address: 2323 DIVISADERO
 SAN FRANCISCO, CA 94115
 County San Francisco

Gepaid: CAC001261176
 TSD EPA ID: CAD000242105
 Gen County: San Francisco
 Tsd County: 0
 Tons: 2.0850
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: TRUST
 Telephone: (000) 000-0000
 Mailing Address: 2323 DIVISADERO
 SAN FRANCISCO, CA 94115
 County San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 3524 JACKSON ST

S78
East
1/2-1
5117 ft.

RESIDENTIAL BUILDING
3333 BRODERICK STREET
SAN FRANCISCO, CA 94123

LUST S105194382
N/A

Site 1 of 2 in cluster S

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0948
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/6/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/09/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
18 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL BUILDING (Continued)

S105194382

Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10887
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500842
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10887
Facility Id: 38-0948
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0948
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL BUILDING (Continued)

S105194382

Case Type: Soil only
Release Date: 3/20/97
Number of Wells: Not reported
Cross Street: JACKSON
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/30/97
Closed Date: 11/6/97
Review Date: / /
Report Date: 03/20/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 03/20/97
How Discovered: Tank Closure
Discovered Date: 09/09/97
Case Number: 10887
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: MILTON SCHLESINGER
RP Address: Not reported
Operator: Not reported
Entered Date: 10/30/97
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/20/97
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 11/06/97
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL BUILDING (Continued)

S105194382

Suspended: No
 Program: LOP
 Cross Street: JACKSON
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

S79
East
1/2-1
5117 ft.

RESIDENTIAL BUILDING
3333 BRODERICK ST
SAN FRANCISCO, CA 94123

HAZNET S103653588
Cortese N/A

Site 2 of 2 in cluster S

Relative:
Lower

HAZNET:
 Gepaid: CAC001225648
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 2.0850
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: SCHLESINGER BROTHERS
 Telephone: (415) 344-5607
 Mailing Address: 2535 SUMMIT DR
 HILLSBOROUGH, CA 94010
 County: San Francisco

Actual:
18 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 3333 BRODERICK ST

R80
SE
1/2-1
5131 ft.

1X ELIZABETH LUCE
3476 JACKSON STREET
SAN FRANCISCO, CA 94118

HAZNET S102800467
LUST N/A

Site 3 of 4 in cluster R

Relative:
Higher

LUST Region 2:
 Region: 2
 Case Number: 10697
 Facility Id: 38-0634
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported

Actual:
220 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

1X ELIZABETH LUCE (Continued)

S102800467

Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

HAZNET:

Gepaid: CAC000975936
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Not reported
 Contact: LISA LUCE
 Telephone: (000) 000-0000
 Mailing Address: 2145 EAST FRANCISCO BOULEVARD
 SAN RAFAEL, CA 94901
 County San Francisco

Gepaid: CAC000975936
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: 2.5020
 Waste Category: Tank bottom waste
 Disposal Method: Not reported
 Contact: LISA LUCE
 Telephone: (000) 000-0000
 Mailing Address: 2145 EAST FRANCISCO BOULEVARD
 SAN RAFAEL, CA 94901
 County San Francisco

R81 E LUCE LIVING TRUST
SE 3476 JACKSON ST
1/2-1 SAN FRANCISCO, CA
5131 ft.

LUST S103396098
Cortese N/A

Site 4 of 4 in cluster R

**Relative:
 Higher**

State LUST:

**Actual:
 220 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0634
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/30/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 03/07/1994
 Enforcement Dt : Not reported
 Enf Type: NOR

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E LUCE LIVING TRUST (Continued)

S103396098

Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10697
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500553
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST San Francisco County:

Facility ID: 38 0634
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.790418 / 122.45081
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 1/19/95
Number of Wells: 0
Cross Street: MAPLE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/25/96

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E LUCE LIVING TRUST (Continued)

S103396098

Closed Date: 9/30/96
Review Date: / /
Report Date: 01/19/95
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 01/28/94
How Discovered: Not reported
Discovered Date: 03/07/94
Case Number: 10697
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 09/25/96
Facility Staff: SC
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 07/27/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/30/96
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: MAPLE ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

E LUCE LIVING TRUST (Continued)

S103396098

Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

 CORTESE:
 Region: CORTESE
 Fac Address 2: 3476 JACKSON ST

82
ESE
1/2-1
5146 ft.

LINDEMANN PROPERTY
2815 FILBERT ST
SAN FRANCISCO, CA 94123

LUST **S102432662**
Cortese **N/A**

Relative:
Lower

State LUST:

Actual:
74 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0680	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	10/23/95 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	09/18/1995		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	10549		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LINDEMANN PROPERTY (Continued)

S102432662

RP Address: Not reported
Global Id: T0607500592
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10549
Facility Id: 38-0680
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0680
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.796797 / 122.444741
Priority: Low Priority Site
Case Type: Soil only
Release Date: 8/18/95
Number of Wells: 0
Cross Street: BAKER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/20/95
Closed Date: 10/23/95
Review Date: / /
Report Date: 08/18/95
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Remove Contents
Stopped Date: / /
How Discovered: Other Means
Discovered Date: 09/18/95

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LINDEMANN PROPERTY (Continued)

S102432662

Case Number: 10549
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 10/20/95
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/23/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: BAKER ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

CORTESE:
Region: CORTESE
Fac Address 2: 2815 FILBERT ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

Q83 **TINA MONDIN**
ENE **675 MARINA BLVD**
1/2-1 **SAN FRANCISCO, CA 94123**
5169 ft.

HAZNET **S104809949**
LUST **N/A**

Site 3 of 3 in cluster Q

Relative:
Lower

State LUST:

Actual:
3 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-2152	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	10/24/00 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	10/17/2000		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11411		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607592793		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TINA MONDIN (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104809949

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Case Number: 11411
Facility Id: 38-2152
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:
Facility ID: 02 400 011
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Divisadero
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: YES
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: MARINA BASIN
Enforcement Type: NOR
Enforcement Due Date: 10/27/00
NOR Date: Not reported
Closed Date: Not reported
Review Date: 10/27/00
Report Date: 10/24/00
Leak Source: Tank
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 10/17/00
How Discovered: Tank Closure
Discovered Date: 10/17/00
Case Number: 11411
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: 4
Maximum MTBE GW: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TINA MONDIN (Continued)

S104809949

MTBE DATE: 10/17/00
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Bruce Lyon
Entered Date: 10/27/00
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 10/17/00
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/27/00
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Divisadero
Benzene Test: ND
TPH Tested: ND
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: 10/17/00
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: 4
Comments: Not reported
Summary: 10/27/00 case

HAZNET:

Gepaid: CAC002251305
TSD EPA ID: NVD982358483
Gen County: San Francisco
Tsd County: 99
Tons: 5.8296
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: TINA MONDIN
Telephone: (415) 229-1265
Mailing Address: 1550 SUTTER ST
SAN FRANCISCO, CA 94109
County: San Francisco

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

T84
East
1/2-1
5197 ft.

CRESCI PROPERTY
3239 BRODERICK STREET
SAN FRANCISCO, CA 94123

LUST **S102532403**
N/A

Site 1 of 3 in cluster T

Relative:
Lower

State LUST:

Actual:
22 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0876
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/3/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/10/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10797
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500771
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CRESCI PROPERTY (Continued)

S102532403

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10797
Facility Id: 38-0876
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0876
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 12/14/96
Number of Wells: Not reported
Cross Street: FRANCISCO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/27/97
Closed Date: 4/3/97
Review Date: / /
Report Date: 12/14/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 01/10/97
Case Number: 10797
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CRESCI PROPERTY (Continued)

S102532403

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 03/27/97
 Facility Staff: MA
 Facility Status: 9
 Funding: Not reported
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 04/03/97
 Abatement: Excavate and Dispose (landfill) of soil
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: FRANCISCO ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

T85
East
1/2-1
5197 ft.

Relative:
Lower

Actual:
22 ft.

CRESCI PROPERTY
3239 BRODERICK ST
SAN FRANCISCO, CA 94123

Site 2 of 3 in cluster T

HAZNET S103652823
Cortese N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CRESCI PROPERTY (Continued)

S103652823

HAZNET:
 Gepaid: CAC001239376
 TSD EPA ID: CAL000048571
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 1.3344
 Waste Category: Waste oil and mixed oil
 Disposal Method: Transfer Station
 Contact: Not reported
 Telephone: (000) 000-0000
 Mailing Address: 3233 BRODERICK ST
 SAN FRANCISCO, CA 94123
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 3239 BRODERICK ST

**U86
 SE
 1/2-1
 5203 ft.**

**RESIDENCE
 3445 JACKSON STREET
 SAN FRANCISCO, CA 94118**

**LUST S105244815
 N/A**

Site 1 of 4 in cluster U

**Relative:
 Higher**

State LUST:

**Actual:
 226 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1431	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	9/13/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/25/1999		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Medium priority		
Local Case # :	11283		
Beneficial:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105244815

Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : 0.005 Parts per Million
Soil Qualifier : <
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501315
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11283
Facility Id: 38-1431
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1431
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Moderate Priority Site
Case Type: Soil only
Release Date: 9/1/99
Number of Wells: Not reported
Cross Street: LAUREL
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Lobos Basin
Enforcement Type: NOR

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105244815

Enforcement Due Date: 09/01/99
 NOR Date: 9/1/99
 Closed Date: 9/13/99
 Review Date: 09/13/99
 Report Date: 09/01/99
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 05/26/99
 How Discovered: Tank Closure
 Discovered Date: 05/25/99
 Case Number: 11283
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Not reported
 Maximum MTBE Soil: 0.005
 Maximum MTBE GW: Not reported
 MTBE DATE: 05/26/99
 Max Soil Concentration: ND
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Bill Hughes
 Entered Date: 09/01/99
 Facility Staff: AL
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/13/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: LAUREL
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 8
 TPH Date: 05/26/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105244815

MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: <
 Comments: Not reported
 Summary: Not reported

**U87
 SE
 1/2-1
 5203 ft.**

**RESIDENCE
 3445 JACKSON ST
 SAN FRANCISCO, CA 94118**

**HAZNET S104571617
 Cortese N/A**

Site 2 of 4 in cluster U

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC002199009
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.2927
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: HEIDI BETZ
 Telephone: (000) 000-0000
 Mailing Address: 3445 JACKSON
 SAN FRANCISCO, CA 94118
 County San Francisco

**Actual:
 226 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 3445 JACKSON ST

**V88
 SSE
 1/2-1
 5260 ft.**

**GIANNINI PROPERTY
 3929 CLAY ST
 SAN FRANCISCO, CA 94118**

**HAZNET S103656924
 Cortese N/A**

Site 1 of 2 in cluster V

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001345248
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 2.5020
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: STEVE RING
 Telephone: (000) 000-0000
 Mailing Address: 4330 CALIFORNIA ST
 SAN FRANCISCO, CA 94118
 County San Francisco

**Actual:
 266 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 3929 CLAY ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

V89
SSE
1/2-1
5260 ft.

GIANNININ PROPERTY
3929 CLAY STREET
SAN FRANCISCO, CA 94118

LUST **S102859785**
N/A

Site 2 of 2 in cluster V

Relative:
Higher

State LUST:

Actual:
266 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0939
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/8/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/08/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10874
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500833
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GIANNININ PROPERTY (Continued)

S102859785

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10874
Facility Id: 38-0939
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0939
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/12/97
Number of Wells: Not reported
Cross Street: CHERRY ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/23/97
Closed Date: 10/8/97
Review Date: / /
Report Date: 09/12/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 09/12/97
How Discovered: Tank Closure
Discovered Date: 09/08/97
Case Number: 10874
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GIANNININ PROPERTY (Continued)

S102859785

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: YOLANDA GIANNINI
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 09/23/97
 Facility Staff: SC
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 09/12/97
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/08/97
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: CHERRY ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

90 SE 1/2-1 5265 ft.
FORD PROPERTY
3311 PACIFIC AVE
SAN FRANCISCO, CA

LUST S102430114
Cortese N/A

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0622
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Other ground water affected

**Actual:
 235 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FORD PROPERTY (Continued)

S102430114

Status:	Case Closed	Confirm Leak:	Not reported
Review Date:	Not reported	Prelim Assess:	Not reported
Workplan:	Not reported	Remed Plan:	Not reported
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	8/17/95 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	06/23/1995		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	CDM		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	10473		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500543		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10473
Facility Id:	38-0622
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FORD PROPERTY (Continued)

S102430114

Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0622
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.791505 / 122.448232
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 6/26/95
Number of Wells: 0
Cross Street: WALNUT ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: 07/21/95
NOR Date: 7/21/95
Closed Date: 8/17/95
Review Date: / /
Report Date: 06/26/95
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 06/23/95
Case Number: 10473
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 07/21/95
Facility Staff: CDM
Facility Status: 9
Funding: Federal

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FORD PROPERTY (Continued)

S102430114

Date Status Was First Assigned - The following dates are assigned as the status progresses:

Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 08/17/95
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: WALNUT ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 3311 PACIFIC AVE

W91 BAASTAD PROPERTY
East 2147 BEACH ST
1/2-1 SAN FRANCISCO, CA 94105
5273 ft.

LUST S102424881
Cortese N/A

Site 1 of 5 in cluster W

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0472
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/21/93 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported

**Actual:
 15 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BAASTAD PROPERTY (Continued)

S102424881

Discover Date : 01/05/1993
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: CDM
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10141
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500421
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10141
Facility Id: 38-0472
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0472

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BAASTAD PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.803607 / 122.44324
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 1/6/93
Number of Wells: 0
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/23/93
Closed Date: 4/21/93
Review Date: / /
Report Date: 01/06/93
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 02/23/93
How Discovered: Tank Closure
Discovered Date: 01/05/93
Case Number: 10141
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 02/23/93
Facility Staff: CDM
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BAASTAD PROPERTY (Continued)

S102424881

Case Closed: 04/21/93
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Not reported
 Benzene Test: Not reported
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 60
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 2147 BEACH ST

U92
SE
 > 1
 5288 ft.

RESIDENCE
3409 JACKSON STREET
SAN FRANCISCO, CA 94118

LUST S105248073
N/A

Site 3 of 4 in cluster U

Relative:
Higher

Actual:
230 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1233
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/17/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 06/02/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248073

Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11122
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501118
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11122
Facility Id: 38-1233
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1233
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 6/3/98
Number of Wells: Not reported
Cross Street: LAUREL ST

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248073

Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/16/98
Closed Date: 12/17/98
Review Date: / /
Report Date: 06/03/98
Leak Source: Piping
Leak Cause: Structure Failure
How Stopped: Repair Tank
Stopped Date: 06/02/98
How Discovered: Tank Closure
Discovered Date: 06/02/98
Case Number: 11122
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 0.007
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Barbara Cowan
RP Address: Not reported
Operator: Not reported
Entered Date: 12/16/98
Facility Staff: al
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/17/98
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: LAUREL ST
Benzene Test: YES

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248073

TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 1500 heating oil

U93
SE
 > 1
 5288 ft.

RESIDENCE
3409 JACKSON ST
SAN FRANCISCO, CA 94118

HAZNET **S103951886**
Cortese **N/A**

Site 4 of 4 in cluster U

Relative:
Higher

HAZNET:
 Gepaid: CAC001394144
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 2.8439
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: BARBARA B COWAN
 Telephone: (415) 931-8899
 Mailing Address: 3409 JACKSON ST
 SAN FRANCISCO, CA 94118 - 2020
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 3409 JACKSON ST

Actual:
230 ft.

X94
SSE
 > 1
 5292 ft.

POWELL RESIDENCE
3645 WASHINGTON ST
SAN FRANCISCO, CA 94115

HAZNET **S103655543**
Cortese **N/A**

Site 1 of 2 in cluster X

Relative:
Higher

HAZNET:
 Gepaid: CAC001110088
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: MARY POWELL
 Telephone: (415) 296-1806
 Mailing Address: 3645 WASHINGTON ST
 SAN FRANCISCO, CA 94115
 County: San Francisco

Actual:
268 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

POWELL RESIDENCE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103655543

CORTESE:
Region: CORTESE
Fac Address 2: 3645 WASHINGTON ST

X95
SSE
> 1
5292 ft.

POWELL RESIDENCE
3645 WASHINGTON STREET
SAN FRANCISCO, CA 94115

LUST S102435437
N/A

Relative:
Higher

Site 2 of 2 in cluster X

Actual:
268 ft.

State LUST:
Cross Street: Not reported
Qty Leaked: 0
Case Number 38-0801
Reg Board: 2
Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 7/10/96 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 06/27/1996
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10653
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500698

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

POWELL RESIDENCE (Continued)

S102435437

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10653
Facility Id: 38-0801
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0801
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 7/1/96
Number of Wells: 0
Cross Street: LAUREL ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/3/96
Closed Date: 7/10/96
Review Date: / /
Report Date: 07/01/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 06/14/96
How Discovered: Tank Closure
Discovered Date: 06/27/96
Case Number: 10653
Staff Initial: VP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

POWELL RESIDENCE (Continued)

S102435437

Substance: Substance Qty: Interim Remediation: Maximum MTBE Soil: Maximum MTBE GW: MTBE DATE: Max Soil Concentration: Maximum Soil GW: Lead Agency: Local Agency: Enforcement Type: Reg Board: Responsible Party: RP Address: Operator: Entered Date: Facility Staff: Facility Status: Funding: Date Status Was First Assigned - The following dates are assigned as the status progresses: Leak Confirmed: Workplan Submitted: Assessment Underway: Pollution Characterization: Corrective Action Plan: Remediation Underway: Monitoring Begun: Case Closed: Abatement: CUFID: Beneficial Use: Suspended: Program: Cross Street: Benzene Test: TPH Tested: Max TPH GW: Max TPH Soil: TPH Date: Block: Lot: TPH Current: TPH Current Date: MTBE Current: MTBE Current Date: Ground Water Qualifier: Soil Qualifier: Comments: Summary:	Heater Fuel Not reported Y Not reported Not reported / / Not reported ND Local Agency 38000 1 2 Not reported Not reported Not reported 07/03/96 MA 9 Federal 07/03/96 Not reported Not reported Not reported Not reported Not reported Not reported 07/10/96 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.) Excavate and Dispose (landfill) of soil Not reported No No LOP LAUREL ST ND Not reported Not reported Not reported / / Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
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MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

T96
East
> 1
5317 ft.

FINE ARTS CLEANERS
2379 CHESTNUT STREET
SAN FRANCISCO, CA 94123

RCRIS-SQG
FINDS
HAZNET
CLEANERS
EMI

1000904858
CA0000138420

Relative:
Lower

Site 3 of 3 in cluster T

RCRIS:

Owner: CHUNG O
 (415) 885-4416
 EPA ID: CA0000138420

Contact: CHUNG O
 (415) 885-4416

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

Actual:
24 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- National Emissions Inventory
- National Emissions Trends
- National Toxics Inventory
- Resource Conservation and Recovery Act Information system

CA Cleaners:

Inactive Date: 6/30/2001
 EPA Id: CA0000138420
 Facility Address 2 Not reported
 NAICS Code : Not reported
 Facility Active : No
 Mail Name : Not reported
 Mailing Address: 2379 CHESTNUT ST
 SAN FRANCISCO, CA 94123
 Owner Name : CHEONG JA OH
 Mailing Address: 2379 CHESTNUT ST
 SAN FRANCISCO, CA 94123
 Owner Telephone 4158854416
 Contact Name : CHEONG JA OH
 Mailing Address: 2379 CHESTNUT ST
 SAN FRANCISCO, CA 94123
 Contact Telephone 4158854416
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 0

HAZNET:

Gepaid: CA0000138420
 TSD EPA ID: CAT000613943
 Gen County: San Francisco
 Tsd County: Sonoma
 Tons: .1875
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
 Disposal Method: Transfer Station
 Contact: CHEONG JA OH
 Telephone: (415) 885-4416
 Mailing Address: 2379 CHESTNUT ST
 SAN FRANCISCO, CA 94123 - 2609
 County: San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FINE ARTS CLEANERS (Continued)

1000904858

Gepaid: CA0000138420
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .1275
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: CHEONG JA OH
Telephone: (415) 885-4416
Mailing Address: 2379 CHESTNUT ST
SAN FRANCISCO, CA 94123 - 2609
County San Francisco

Gepaid: CA0000138420
TSD EPA ID: CA0000084517
Gen County: San Francisco
Tsd County: Sacramento
Tons: .1950
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: CHEONG JA OH
Telephone: (415) 885-4416
Mailing Address: 2379 CHESTNUT ST
SAN FRANCISCO, CA 94123 - 2609
County San Francisco

Gepaid: CA0000138420
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .3150
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: CHEONG JA OH
Telephone: (415) 885-4416
Mailing Address: 2379 CHESTNUT ST
SAN FRANCISCO, CA 94123 - 2609
County San Francisco

Gepaid: CA0000138420
TSD EPA ID: CA0000084517
Gen County: San Francisco
Tsd County: Sacramento
Tons: .1275
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: CHEONG JA OH
Telephone: (415) 885-4416
Mailing Address: 2379 CHESTNUT ST
SAN FRANCISCO, CA 94123 - 2609
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access
2 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :
Facility ID : 8792
Air District Code : BA
SIC Code : 7216

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FINE ARTS CLEANERS (Continued)

1000904858

Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

**Y97
 ESE
 > 1
 5333 ft.**

**RESIDENTIAL PROPERTY
 2867-2869 GREEN STREET
 SAN FRANCISCO, CA 94123**

**LUST S106162120
 N/A**

Site 1 of 5 in cluster Y

**Relative:
 Higher
 Actual:
 142 ft.**

State LUST:
 Cross Street: BAKER ST
 Qty Leaked: 0
 Case Number 38-2208
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 9/13/02 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/24/03 0:00
 Release Date: 01/09/2003
 Cleanup Fund Id : Not reported
 Discover Date : 09/13/2002
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11547
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST

Confirm Leak: 9/13/02 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL PROPERTY (Continued)

S106162120

Review Date : Not reported
 Stop Date : 09/13/2002
 Work Suspended :Not reported
 Responsible Party:BARRY LIVINGSTON
 RP Address: 2867-2869 GREEN STREET
 Global Id: T0607542627
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11547
 Facility Id: 38-2208
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 9/13/2002
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

**Z98
 ENE
 > 1
 5336 ft.**

**RESIDENCE
 1980 JEFFERSON STREET
 SAN FRANCISCO, CA 94123**

**LUST S105248037
 N/A**

Site 1 of 4 in cluster Z

**Relative:
 Lower**

State LUST:

**Actual:
 13 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1156
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/15/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/29/1998
 Enforcement Dt : Not reported
 Enf Type: NOR

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248037

Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11043
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501044
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11043
Facility Id: 38-1156
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1156
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248037

Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/29/98
Number of Wells: 0
Cross Street: DIVISADERO
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: NA
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/14/98
Closed Date: 9/15/98
Review Date: / /
Report Date: 05/29/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 05/29/98
How Discovered: Tank Closure
Discovered Date: 05/29/98
Case Number: 11043
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Elizabeth
RP Address: Not reported
Operator: Not reported
Entered Date: 09/14/98
Facility Staff: MA
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/15/98
Abatement: No Action Required
CUFID: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248037

Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: DIVISADERO
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Heating oil, no

**Z99
 ENE
 > 1
 5336 ft.**

**RESIDENCE
 1980 JEFFERSON ST
 SAN FRANCISCO, CA 94123**

**HAZNET S103962674
 Cortese N/A**

Site 2 of 4 in cluster Z

**Relative:
 Lower**

HAZNET:

Gepaid: CAC001172160
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 1.1467
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: ELIZABETH DUNNIGAN
 Telephone: (415) 567-9392
 Mailing Address: 67 TOLEDO WAY
 SAN FRANCISCO, CA 94123
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 1980 JEFFERSON ST

**AA100
 East
 > 1
 5342 ft.**

**ARCO
 2 RICHARDSON AVE
 SAN FRANCISCO, CA 94123**

**LUST S100233534
 Cortese N/A**

Site 1 of 4 in cluster AA

**Relative:
 Lower**

State LUST:

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0018
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Other ground water affected

**Actual:
 39 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO (Continued)

S100233534

Status: Pollution Characterization
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 08/04/1986
 Cleanup Fund Id : Not reported
 Discover Date : 08/04/1986
 Enforcement Dt : Not reported
 Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: High priority
 Local Case # : 10058
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500018
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10058
 Facility Id: 38-0018
 Facility Status: Pollution Characterization
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO (Continued)

S100233534

Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: 5/4/1989
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0018
 Region: SAN FRANCISCO
 Notify: True
 Lat/Long: 37.798998 / 122.443988
 Priority: High Priority Site
 Case Type: Other ground water affected
 Release Date: 5/4/89
 Number of Wells: 11
 Cross Street: LOMBARD ST
 Free Product: Yes
 Amount of Free Produce: Not reported
 MTBE: YES
 Benzene: Not reported
 Depth to Groundwater: 19'
 Gradient: 0.014 NE
 Primary Substance: GASOLINE
 Basin: Marina Basin
 Enforcement Type: IEA
 Enforcement Due Date: 06/24/94
 NOR Date: 4/22/92
 Closed Date: Not reported
 Review Date: / /
 Report Date: 05/04/89
 Leak Source: Tank
 Leak Cause: Structure Failure
 How Stopped: Close Tank
 Stopped Date: 10/20/89
 How Discovered: Tank Closure
 Discovered Date: 08/04/86
 Case Number: 10058
 Staff Initial: VP
 Substance: Gasoline
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: 4500
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: 39000
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 2A
 Reg Board: 2
 Responsible Party: ARCO
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 04/22/92
 Facility Staff: MA
 Facility Status: 0
 Funding: Federal

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO (Continued)

S100233534

Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: 5/16/92
 Remediation Underway: 5/25/92
 Monitoring Begun: Not reported
 Case Closed: / /
 Abatement: Excavate and Dispose (landfill) of soil
 Pump and Treat Ground Water
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: 11135
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LOMBARD ST
 Benzene Test: YES
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Tested 1/7/98.
 CORTESE:
 Region: CORTESE
 Fac Address 2: 2 RICHARDSON AVE

AA101 EXXON
ESE 2601 LOMBARD ST
> 1 SAN FRANCISCO, CA 94123
5357 ft.

LUST S101592126
CA FID UST N/A

Site 2 of 4 in cluster AA

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0489
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Other ground water affected
 Status: Remedial action (cleanup) Underway
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: 3/9/92 0:00
 Monitoring: Not reported
 Close Date: Not reported

**Actual:
 41 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EXXON (Continued)

S101592126

Release Date: 03/09/1992
 Cleanup Fund Id : Not reported
 Discover Date : 03/09/1992
 Enforcement Dt : Not reported
 Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : 3/18/03 0:00
 Max MTBE GW : 92000 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: High priority
 Local Case # : 10212
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : =
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500436
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10212
 Facility Id: 38-0489
 Facility Status: Remedial action (cleanup) Underway
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: 3/9/1992
 Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EXXON (Continued)

S101592126

LUST San Francisco County:

Facility ID: 38 0489
Region: SAN FRANCISCO
Notify: True
Lat/Long: 37.798873 / 122.443196
Priority: High Priority Site
Case Type: Other ground water affected
Release Date: 3/9/92
Number of Wells: 22
Cross Street: BRODERICK ST
Free Product: Yes
Amount of Free Produce: Not reported
MTBE: YES
Benzene: 26,000
Depth to Groundwater: 18' 21'
Gradient: 0.012 NE
Primary Substance: GASOLINE
Basin: Marina Basin
Enforcement Type: IEA
Enforcement Due Date: / /
NOR Date: 1/25/94
Closed Date: Not reported
Review Date: 08/16/00
Report Date: 03/09/92
Leak Source: Tank
Leak Cause: Overfill
How Stopped: Close Tank
Stopped Date: 03/13/92
How Discovered: Tank Closure
Discovered Date: 03/09/92
Case Number: 10212
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 12000
MTBE DATE: 05/22/97
Max Soil Concentration: Not reported
Maximum Soil GW: 26,000
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: TEXACO/EXXON
RP Address: Not reported
Operator: Not reported
Entered Date: 01/25/94
Facility Staff: MA
Facility Status: 7
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/13/92
Workplan Submitted: 9/15/93
Assessment Underway: 9/15/93
Pollution Characterization: 4/28/00
Corrective Action Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EXXON (Continued)

S101592126

Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: / /
 Abatement: Excavate and Dispose (landfill) of soil
 Not defined
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Not defined
 Vent Soil insitu or vacuum extraction
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BRODERICK ST
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: 240,000
 Max TPH Soil: Not reported
 TPH Date: 05/01/00
 Block: Not reported
 Lot: Not reported
 TPH Current: 240,000
 TPH Current Date: 5/1/00
 MTBE Current: 1,000
 MTBE Current Date: 5/1/00
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: This site is now

FID:

Facility ID:	38000562	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 922-5757
Mail To:	Not reported		
	4550 DACOMA 3RD FLO		
	SAN FRANCISCO, CA 94123		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

AA102 EQUIVA SERVICES C/O SECOR INTE
ESE 2601 LOMBARD STREET
> 1 SAN FRANCISCO, CA 94123
5357 ft.

EMI S105937655
N/A

Site 3 of 4 in cluster AA

Relative:
Lower

EMISSIONS :
 Facility ID : 10468
 Air District Code : BA
 SIC Code : 4953
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD

Actual:
41 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EQUIVA SERVICES C/O SECOR INTE (Continued)

S105937655

Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

AA103 EXXON
ESE 2601 LOMBARD ST
> 1 SAN FRANCISCO, CA 94123
5357 ft.

HAZNET U003716131
Cortese N/A

Site 4 of 4 in cluster AA

Relative:
Lower

Actual:
41 ft.

HAZNET:
 Gepaid: CAL000028867
 TSD EPA ID: CAD028409019
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: 7.2975
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Treatment, Tank
 Contact: EXXON CO USA
 Telephone: (713) 656-7761
 Mailing Address: PO BOX 2180
 HOUSTON, TX 77252 - 2180
 County San Francisco

Gepaid: CAL000028867
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: 1.2500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: EXXON CO USA
 Telephone: (713) 656-7761
 Mailing Address: PO BOX 2180
 HOUSTON, TX 77252 - 2180
 County San Francisco

Gepaid: CAL000028867
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: 4.2500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Disposal, Other
 Contact: EXXON CO USA
 Telephone: (713) 656-7761
 Mailing Address: PO BOX 2180
 HOUSTON, TX 77252 - 2180
 County San Francisco

Gepaid: CAL000028867
 TSD EPA ID: CAD028409019
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: 1.4178
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Treatment, Tank
 Contact: EXXON CO USA
 Telephone: (713) 656-7761

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

EXXON (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U003716131

Mailing Address: PO BOX 2180
 HOUSTON, TX 77252 - 2180
 County San Francisco
 Gepaid: CAL000028867
 TSD EPA ID: CAD028409019
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: 4.5000
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Contact: EXXON CO USA
 Telephone: (713) 656-7761
 Mailing Address: PO BOX 2180
 HOUSTON, TX 77252 - 2180
 County San Francisco

[Click this hyperlink](#) while viewing on your computer to access 4 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:
 Region: CORTESE
 Fac Address 2: 2601 LOMBARD ST

**104
 East
 > 1
 5379 ft.**

**FREDERICK PROPERTY
 2232 NORTHPOINT ST
 SAN FRANCISCO, CA 94123**

**LUST S102430455
 Cortese N/A**

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0637
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/5/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 08/05/1993
 Enforcement Dt : Not reported
 Enf Type: 2A
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported

**Actual:
 16 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FREDERICK PROPERTY (Continued)

S102430455

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 10483
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500556
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10483
Facility Id: 38-0637
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0637
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/23/93
Number of Wells: 0
Cross Street: DIVISADERO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FREDERICK PROPERTY (Continued)

S102430455

Gradient: Not reported
 Primary Substance: FUEL OIL NOS. 1 6
 Basin: Marina Basin
 Enforcement Type: 2A
 Enforcement Due Date: / /
 NOR Date: 7/26/95
 Closed Date: 10/5/95
 Review Date: / /
 Report Date: 08/23/93
 Leak Source: Not reported
 Leak Cause: Not reported
 How Stopped: Not reported
 Stopped Date: / /
 How Discovered: Not reported
 Discovered Date: 08/05/93
 Case Number: 10483
 Staff Initial: VP
 Substance: Gasoline
 Substance Qty: Not reported
 Interim Remediation: Not reported
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 2A
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 07/26/95
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/05/95
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: DIVISADERO ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

FREDERICK PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S102430455

Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 2232 NORTHPOINT ST

AB105
SSE
 > 1
 5398 ft.

MOORE PROPERTY
3779 CLAY ST
SAN FRANCISCO, CA 94118

HAZNET **S103656216**
Cortese **N/A**

Site 1 of 4 in cluster AB

Relative:
Higher

Actual:
286 ft.

HAZNET:
 Gepaid: CAC001059184
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 2.1684
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: BELVA MOORE
 Telephone: (000) 000-0000
 Mailing Address: 3779 CLAY ST
 SAN FRANCISCO, CA 94118
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 3779 CLAY ST

AB106
SSE
 > 1
 5398 ft.

MOORE PROPERTY
3779 CLAY STREET
SAN FRANCISCO, CA 94118

LUST **S102433967**
N/A

Site 2 of 4 in cluster AB

Relative:
Higher

Actual:
286 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0821
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MOORE PROPERTY (Continued)

S102433967

Close Date: 9/11/96 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 05/03/1996
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10682
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500717
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10682
Facility Id: 38-0821
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MOORE PROPERTY (Continued)

S102433967

LUST San Francisco County:
Facility ID: 38 0821
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/7/96
Number of Wells: 0
Cross Street: MAPLE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/3/96
Closed Date: 9/11/96
Review Date: / /
Report Date: 05/07/96
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 05/07/96
How Discovered: Tank Closure
Discovered Date: 05/03/96
Case Number: 10682
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 09/03/96
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MOORE PROPERTY (Continued)

S102433967

Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/11/96
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: MAPLE ST
 Benzene Test: Not reported
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 12590
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**AB107
 SSE
 > 1
 5414 ft.**

**RESIDENTIAL PROPERTY
 313 MAPLE STREET
 SAN FRANCISCO, CA 94118**

**LUST S106117955
 N/A**

Site 3 of 4 in cluster AB

**Relative:
 Higher**

State LUST:
 Cross Street: CLAY ST
 Qty Leaked: 0
 Case Number 38-2237
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 5/22/03 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/25/03 0:00
 Release Date: 06/12/2003
 Cleanup Fund Id : Not reported
 Discover Date : 05/22/2003
 Enforcement Dt : Not reported
 Enf Type: CLOS
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion

**Actual:
 284 ft.**

Confirm Leak: 5/22/03 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL PROPERTY (Continued)

S106117955

Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case # : 11576
 Beneficial: Not reported
 Staff : GVL
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 05/22/2003
 Work Suspended :Not reported
 Responsible Party:JOHNSON BOGART
 RP Address: 655 MONTGOMERY STREET, SUITE 1400
 Global Id: T0607568296
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11576
 Facility Id: 38-2237
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 5/22/2003
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

AB108
SSE
 > 1
 5452 ft.

AAPARTMENTS
325 MAPLE STREET
SAN FRANCISCO, CA 94118

LUST S106117856
N/A

Relative:
Higher

Site 4 of 4 in cluster AB

State LUST:
 Cross Street: CLAY ST
 Qty Leaked: 0
 Case Number 38-2233
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency

Actual:
283 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AAPARTMENTS (Continued)

S106117856

Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Post remedial action monitoring
 Review Date: 9/16/03 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: 9/30/03 0:00
 Close Date: Not reported
 Release Date: 09/16/2003
 Cleanup Fund Id : Not reported
 Discover Date : 09/16/2003
 Enforcement Dt : Not reported
 Enf Type: LOP
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11572
 Beneficial: Not reported
 Staff : GVL
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 09/16/2003
 Work Suspended :Not reported
 Responsible Party:MIKE NOVAK
 RP Address: 580 CALIFORNIA STREET, SUITE 1800
 Global Id: T0607506406
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtb Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

Confirm Leak: 9/16/03 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

LUST Region 2:
 Region: 2
 Case Number: 11572
 Facility Id: 38-2233
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AAPARTMENTS (Continued)

S106117856

Leak Source:	Tank
Date Leak Confirmed:	9/16/2003
Prelim. Site Assessment Wokplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	9/30/2003

109 KIRKHAM PROPERTY
SE 3245 PACIFIC AVE
> 1 SAN FRANCISCO, CA 94115
5462 ft.

HAZNET S103964906
LUST N/A
Cortese

**Relative:
 Higher**

State LUST:

**Actual:
 281 ft.**

Cross Street:	Not reported	
Qty Leaked:	0	
Case Number	38-0998	
Reg Board:	2	
Chemical:	Heater Fuel	
Lead Agency:	Local Agency	
Local Agency :	38000L	
Case Type:	Soil only	
Status:	Case Closed	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	3/9/98 0:00	
Release Date:	Not reported	
Cleanup Fund Id :	Not reported	
Discover Date :	01/16/1998	
Enforcement Dt :	Not reported	
Enf Type:	NOR	
Enter Date :	Not reported	
Funding:	Not reported	
Staff Initials:	SC	
How Discovered:	Not reported	
How Stopped:	Not reported	
Interim :	Not reported	
Leak Cause:	Not reported	
Leak Source:	Not reported	
MTBE Date :	Not reported	
Max MTBE GW :	Not reported	
MTBE Tested:	Not Required to be Tested.	
Priority:	Not reported	
Local Case # :	10929	
Beneficial:	Not reported	
Staff :	VP	
GW Qualifier :	Not reported	
Max MTBE Soil :	Not reported	
Soil Qualifier :	Not reported	
Hydr Basin #:	San Francisco Sand D	
Operator :	Not reported	
Oversight Prgm:	LUST	
Review Date :	Not reported	
Stop Date :	/ /	
Work Suspended :	Not reported	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KIRKHAM PROPERTY (Continued)

S103964906

Responsible Party: Not reported
RP Address: Not reported
Global Id: T0607500891
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10929
Facility Id: 38-0998
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0998
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 1/13/98
Number of Wells: Not reported
Cross Street: PRESIDIO AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/20/98
Closed Date: 3/9/98
Review Date: / /
Report Date: 01/13/98
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: / /
How Discovered: Tank Closure

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KIRKHAM PROPERTY (Continued)

S103964906

Discovered Date: 01/16/98
Case Number: 10929
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: ELIAS KIRKHAM
RP Address: Not reported
Operator: Not reported
Entered Date: 02/20/98
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 03/09/98
Abatement: Not reported
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: PRESIDIO AVE
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 1/13/98 [leak

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

KIRKHAM PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103964906

HAZNET:

Gepaid: CAC001304680
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.1467
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: FRANCIS KIRKHAM
 Telephone: (000) 000-0000
 Mailing Address: 3245 PACIFIC AVE
 SAN FRANCISCO, CA 94115
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 3245 PACIFIC AVE

**Y110
 ESE
 > 1
 5467 ft.**

**RESIDENCE
 2828 GREEN
 SAN FRANCISCO, CA 94123**

**Notify 65 S100453831
 Cortese N/A**

Site 2 of 5 in cluster Y

**Relative:
 Higher**

NOTIFY 65:

Date Reported: 07/30/1992 Staff Initials: Not reported
 Board File Number: 0LG921233
 Facility Type: Leak Rpt
 Discharge Date: Not reported
 Incident Description: 94123-4611

**Actual:
 145 ft.**

CORTESE:

Region: CORTESE
 Fac Address 2: 2828 GREEN ST

**Y111
 ESE
 > 1
 5467 ft.**

**2828 GREEN ST.
 2828 GREEN STREET
 SAN FRANCISCO, CA 94123**

**LUST S102423415
 N/A**

Site 3 of 5 in cluster Y

**Relative:
 Higher**

State LUST:

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0069
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2/21/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported

**Actual:
 145 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2828 GREEN ST. (Continued)

S102423415

Discover Date : 06/30/1992
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10234
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500061
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10234
Facility Id: 38-0069
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0069

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2828 GREEN ST. (Continued)

S102423415

Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.795064 / 122.4446
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 7/7/92
Number of Wells: 0
Cross Street: LYON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: 08/03/95
NOR Date: 8/3/95
Closed Date: 2/21/96
Review Date: / /
Report Date: 07/07/92
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 07/17/92
How Discovered: Tank Closure
Discovered Date: 06/30/92
Case Number: 10234
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 08/03/95
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

2828 GREEN ST. (Continued)

S102423415

Case Closed: 02/21/96
 Abatement: No Action Taken
 CUFID: 7950
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LYON ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

Y112
 ESE
 > 1
 5467 ft.

RESIDENCE
2828 GREEN
SAN FRANCISCO, CA 94123

Notify 65 S100453868
N/A

Site 4 of 5 in cluster Y

Relative:
 Higher

NOTIFY 65:
 Date Reported: Not reported Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Incident Description: 94123-4611

Actual:
 145 ft.

Y113
 ESE
 > 1
 5467 ft.

RESIDENCE
2828 GREEN
SAN FRANCISCO, CA 94123

Notify 65 S100562409
N/A

Site 5 of 5 in cluster Y

Relative:
 Higher

NOTIFY 65:
 Date Reported: 07/30/1992 Staff Initials: Not reported
 Board File Number: 0LG921233
 Facility Type: Leak Rpt
 Discharge Date: Not reported
 Incident Description: 94123-4611

Actual:
 145 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AC114 UNKNOWN
ENE 611 MARINA BLVD
> 1 SAN FRANCISCO, CA 94123
5484 ft.

LUST S105248110
Cortese N/A

Relative:
Lower

Site 1 of 2 in cluster AC

State LUST:

Actual:
2 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1393
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/22/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/06/1999
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11244
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501278
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNKNOWN (Continued)

S105248110

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11244
Facility Id: 38-1393
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1393
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/6/99
Number of Wells: 0
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: NA
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 6/22/99
Closed Date: 6/22/99
Review Date: / /
Report Date: 04/06/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 04/06/99
Case Number: 11244
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNKNOWN (Continued)

S105248110

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Joan Ford,6
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 06/22/99
 Facility Staff: MA
 Facility Status: 9
 Funding: R
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/22/99
 Abatement: Other Means
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Not reported
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: England TW 10 6LJ.
 CORTESE:
 Region: CORTESE
 Fac Address 2: 611 MARINA BLVD

115 RESIDENCE
ESE 2640 BAKER ST
> 1 SAN FRANCISCO, CA 94123
5486 ft.

HAZNET S103647755
LUST N/A
Cortese

Relative: State LUST:
Higher Cross Street: Not reported
 Qty Leaked: 0
Actual: Case Number 38-1088
124 ft. Reg Board: 2

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103647755

Chemical: Diesel
Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 6/27/97 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 04/02/1997
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10827
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500980
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:
Region: 2
Case Number: 10827
Facility Id: 38-1088
Facility Status: Case Closed

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103647755

How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1088
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 3/8/97
Number of Wells: Not reported
Cross Street: UNION ST
Free Product: Yes
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 6/10/97
Closed Date: 6/27/97
Review Date: / /
Report Date: 03/08/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 03/07/97
How Discovered: Tank Closure
Discovered Date: 04/02/97
Case Number: 10827
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103647755

Entered Date: 06/10/97
Facility Staff: MA
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 06/27/97
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: UNION ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: HHO site.

HAZNET:

Gepaid: CAC001239744
TSD EPA ID: CAD980887418
Gen County: San Francisco
Tsd County: 1
Tons: 4.3159
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: C/O MAX MCGUINNESS
BOLINAS, CA 94928
County: San Francisco

CORTESE:

Region: CORTESE
Fac Address 2: 2640 BAKER ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

W116 **RESIDENCE**
East **3731 DIVISADERO ST**
> 1 **SAN FRANCISCO, CA 94123**
5501 ft.

LUST **S105248087**
Cortese **N/A**

Site 2 of 5 in cluster W

Relative:
Lower

State LUST:

Actual:
14 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0920
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/15/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 07/07/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10856
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500814
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248087

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10856
Facility Id: 38-0920
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0920
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 6/13/97
Number of Wells: Not reported
Cross Street: BEACH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: 10
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/13/97
Closed Date: 8/15/97
Review Date: / /
Report Date: 06/13/97
Leak Source: Tank
Leak Cause: Spill
How Stopped: Repair Tank
Stopped Date: 06/05/97
How Discovered: Tank Closure
Discovered Date: 07/07/97
Case Number: 10856
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248087

MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 08/13/97
Facility Staff: MA
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 08/15/97
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
Excavate and Dispose (landfill) of soil
Pump and Treat Ground Water
CUFID: 12614
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: BEACH ST
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported
CORTESE:
Region: CORTESE
Fac Address 2: 3731 DIVISADERO ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

W117 **LABRUZZO PROPERTY**
East **3701 DIVISADERO ST**
> 1 **SAN FRANCISCO, CA 94115**
5501 ft.

LUST **S102532406**
Cortese **N/A**

Site 3 of 5 in cluster W

Relative:
Lower

State LUST:

Actual:
15 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0894
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/14/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 03/07/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10811
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500789
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LABRUZZO PROPERTY (Continued)

S102532406

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10811
Facility Id: 38-0894
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0894
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/25/96
Number of Wells: 0
Cross Street: BEACH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 4/29/97
Closed Date: 5/14/97
Review Date: / /
Report Date: 09/25/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 09/24/96
How Discovered: Tank Closure
Discovered Date: 03/07/97
Case Number: 10811
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LABRUZZO PROPERTY (Continued)

S102532406

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 04/29/97
 Facility Staff: SC
 Facility Status: 9
 Funding: Not reported
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 05/14/97
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BEACH ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 3701 DIVISADERO ST

W118 HOA - 2101 BEACH ST.
East 2101 BEACH STREET
> 1 SAN FRANCISCO, CA 94123
5501 ft.

LUST S102446057
 N/A

Relative: Site 4 of 5 in cluster W
Lower State LUST:
 Cross Street: Not reported
Actual: Qty Leaked: 0
15 ft. Case Number 38-0853

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HOA - 2101 BEACH ST. (Continued)

EDR ID Number
EPA ID Number

Database(s)

Reg Board: 2
Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1/6/97 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 10/16/1996
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10752
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500748
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

S102446057

LUST Region 2:
Region: 2
Case Number: 10752
Facility Id: 38-0853

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOA - 2101 BEACH ST. (Continued)

S102446057

Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Wokplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

LUST San Francisco County:

Facility ID:	38 0853
Region:	SAN FRANCISCO
Notify:	False
Lat/Long:	Not reported
Priority:	Unranked by RWQCB
Case Type:	Soil only
Release Date:	10/15/96
Number of Wells:	0
Cross Street:	DIVISADERO
Free Product:	No
Amount of Free Produce:	Not reported
MTBE:	NRQ
Benzene:	Not reported
Depth to Groundwater:	Not reported
Gradient:	Not reported
Primary Substance:	FUEL OILS NOS. 1
Basin:	Marina Basin
Enforcement Type:	NOR
Enforcement Due Date:	/ /
NOR Date:	12/24/96
Closed Date:	1/6/97
Review Date:	/ /
Report Date:	10/15/96
Leak Source:	Unknown
Leak Cause:	Unknown
How Stopped:	Close Tank
Stopped Date:	05/16/96
How Discovered:	Tank Closure
Discovered Date:	10/16/96
Case Number:	10752
Staff Initial:	VP
Substance:	Heater Fuel
Substance Qty:	Not reported
Interim Remediation:	Y
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	Not reported
Maximum Soil GW:	Not reported
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	1
Reg Board:	2
Responsible Party:	Not reported
RP Address:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOA - 2101 BEACH ST. (Continued)

S102446057

Operator: Not reported
 Entered Date: 12/24/96
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 01/06/97
 Abatement: Excavate and Dispose (landfill) of soil
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: DIVISADERO
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

W119 2101 BEACH ST HOA
East 2101 BEACH ST
> 1 SAN FRANCISCO, CA 94123
5501 ft.

HAZNET S103641337
Cortese N/A

**Relative:
 Lower**

Site 5 of 5 in cluster W

HAZNET:
 Gepaid: CAC001188360
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 1.6680
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: NEIL KELLY
 Telephone: (000) 000-0000
 Mailing Address: 417 MONTGOMERY ST, 10TH FLR
 SAN FRANCISCO, CA 94104
 County: San Francisco

**Actual:
 15 ft.**

CORTESE:
 Region: CORTESE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

2101 BEACH ST HOA (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Fac Address 2: 2101 BEACH ST

S103641337

Z120 PINNEY ESTATE
ENE 3819 DIVISADERO STREET
> 1 SAN FRANCISCO, CA 94123
5509 ft.

LUST S103472568
N/A

Site 3 of 4 in cluster Z

**Relative:
 Lower**

State LUST:

**Actual:
 11 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1167
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/4/98 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 03/25/1998
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 11033
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607501055
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PINNEY ESTATE (Continued)

S103472568

Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Case Number: 11033
Facility Id: 38-1167
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:
Facility ID: 38 1167
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 3/27/98
Number of Wells: Not reported
Cross Street: BEACH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/3/98
Closed Date: 9/4/98
Review Date: / /
Report Date: 03/27/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 03/25/98
How Discovered: Tank Closure
Discovered Date: 03/25/98
Case Number: 11033
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PINNEY ESTATE (Continued)

S103472568

Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: William Pinney III
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 09/03/98
 Facility Staff: AL
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/04/98
 Abatement: No Action Required
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BEACH ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: heating oil UST in

Z121 PINNEY ESTATE
ENE 3819 DIVISADERO ST
> 1 SAN FRANCISCO, CA 94123
5509 ft.
Relative: Site 4 of 4 in cluster Z
Lower
Actual: 11 ft.

HAZNET S103963431
Cortese N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PINNEY ESTATE (Continued)

S103963431

HAZNET:

Gepaid: CAC001170160
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: .4170
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: ESTATE MARY & WILLIAM PINNEY
 Telephone: (510) 426-8401
 Mailing Address: PO BOX 1567
 PLEASANTON, CA 94566
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 3819 DIVISADERO ST

122
South
> 1
5513 ft.

RESIDENCE
530 LAKE ST
SAN FRANCISCO, CA 94118

LUST **S105248106**
Cortese **N/A**

Relative:
Higher

State LUST:

Actual:
188 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0983
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2/27/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 12/01/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10919
 Beneficial: Not reported
 Staff : VP

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248106

GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500876
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10919
Facility Id: 38-0983
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0983
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/15/97
Number of Wells: Not reported
Cross Street: 6TH AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248106

NOR Date: 2/13/98
Closed Date: 2/27/98
Review Date: / /
Report Date: 09/15/97
Leak Source: Tank
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 12/01/97
Case Number: 10919
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: MARVIN REMMICH
RP Address: Not reported
Operator: Not reported
Entered Date: 02/13/98
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 02/27/98
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: 6TH AVE
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

S105248106

Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

 CORTESE:
 Region: CORTESE
 Fac Address 2: 530 LAKE ST

**123
 SSE
 > 1
 5603 ft.**

**RESIDENCE
 3906 SACRAMENTO ST
 SAN FRANCISCO, CA 94118**

**HAZNET S104566494
 LUST N/A
 Cortese**

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2155
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/24/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/13/1999
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 10936
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported

**Actual:
 260 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S104566494

Responsible Party: Not reported
RP Address: Not reported
Global Id: T0607501349
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10936
Facility Id: 38-2155
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 499 027
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Cherry
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: LOBOS
Enforcement Type: NOR
Enforcement Due Date: 11/12/99
NOR Date: 11/12/99
Closed Date: 11/24/99
Review Date: 11/24/99
Report Date: 10/19/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 10/13/99
How Discovered: Tank Closure

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S104566494

Discovered Date: 10/13/99
 Case Number: 10936
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: 10/13/99
 Max Soil Concentration: ND
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Jennie Fung
 Entered Date: 11/12/99
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/24/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: Cherry
 Benzene Test: ND
 TPH Tested: ND
 Max TPH GW: Not reported
 Max TPH Soil: ND
 TPH Date: 10/13/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S104566494

HAZNET:

Gepaid: CAC001321920
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.4678
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: JEANIE FUNG
 Telephone: (415) 665-5926
 Mailing Address: 2323 NORIEGA ST STE 202
 SAN FRANCISCO, CA 94122
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 3906 SACRAMENTO ST

**AD124
 ESE
 > 1
 5620 ft.**

**RESIDENCE
 2699 FILBERT STREET
 SAN FRANCISCO, CA 94123**

**LUST S105248061
 N/A**

Site 1 of 2 in cluster AD

**Relative:
 Higher**

State LUST:

**Actual:
 107 ft.**

Cross Street:	Not reported	
Qty Leaked:	0	
Case Number	38-1303	
Reg Board:	2	
Chemical:	Heater Fuel	
Lead Agency:	Local Agency	
Local Agency :	38000L	
Case Type:	Soil only	
Status:	Case Closed	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	5/10/96 0:00	
Release Date:	Not reported	
Cleanup Fund Id :	Not reported	
Discover Date :	05/10/1996	
Enforcement Dt :	Not reported	
Enf Type:	NOR	
Enter Date :	Not reported	
Funding:	Not reported	
Staff Initials:	SC	
How Discovered:	Not reported	
How Stopped:	Not reported	
Interim :	Not reported	
Leak Cause:	Not reported	
Leak Source:	Not reported	
MTBE Date :	Not reported	
Max MTBE GW :	Not reported	
MTBE Tested:	Not Required to be Tested.	
Priority:	Low priority. Priority ranking can change over time.	
Local Case # :	11163	
Beneficial:	Not reported	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248061

Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501188
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11163
Facility Id: 38-1303
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1303
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 5/10/96
Number of Wells: Not reported
Cross Street: BRODERICK ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248061

Enforcement Due Date: / /
NOR Date: 2/16/99
Closed Date: Not reported
Review Date: 04/25/01
Report Date: 05/10/96
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 05/10/96
How Discovered: Tank Closure
Discovered Date: 05/10/96
Case Number: 11163
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Leida Shoggen
RP Address: Not reported
Operator: Not reported
Entered Date: 02/16/99
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/16/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 04/26/01
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: BRODERICK ST
Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 434
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: 5/10/96
MTBE Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

S105248061

MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**AD125
 ESE
 > 1
 5620 ft.**

**RESIDENCE
 2699 FILBERT ST
 SAN FRANCISCO, CA 94123**

**HAZNET S103648190
 Cortese N/A**

Site 2 of 2 in cluster AD

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001206032
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: .5000
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: LEITA SCHOGGEN
 Telephone: (000) 000-0000
 Mailing Address: 2699 FILBERT
 SAN FRANCISCO, CA 94123
 County: San Francisco

Gepaid: CAC001206032
 TSD EPA ID: CAD033166728
 Gen County: San Francisco
 Tsd County: 0
 Tons: 5.0040
 Waste Category:
 Disposal Method: Not reported
 Contact: LEITA SCHOGGEN
 Telephone: (000) 000-0000
 Mailing Address: 2699 FILBERT
 SAN FRANCISCO, CA 94123
 County: San Francisco

Gepaid: CAC001206032
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: 5.0040
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: LEITA SCHOGGEN
 Telephone: (000) 000-0000
 Mailing Address: 2699 FILBERT
 SAN FRANCISCO, CA 94123
 County: San Francisco

**Actual:
 107 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2699 FILBERT ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AE126 **VENICE PROPERTIES**
East **2301 FRANCISCO ST**
> 1 **SAN FRANCISCO, CA 94123**
5628 ft.

HAZNET **S103177214**
Cortese **N/A**

Site 1 of 2 in cluster AE

Relative:
Lower

HAZNET:

Actual:
18 ft.

Gepaid: CAC001355328
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 2.4186
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: VENICE PROPERTIES
 Telephone: (415) 931-2692
 Mailing Address: 2269 CHESTNUT ST STE 322
 SAN FRANCISCO, CA 94123
 County San Francisco

Gepaid: CAC001355336
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 3.5778
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: VENICE PROPERTIES
 Telephone: (415) 931-2692
 Mailing Address: 2269 CHESTNUT ST STE 322
 SAN FRANCISCO, CA 94123
 County San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 2301 FRANCISCO ST

AE127 **RESIDENCE**
East **2301 FRANCISCO STREET**
> 1 **SAN FRANCISCO, CA 94123**
5628 ft.

LUST **S105248047**
N/A

Site 2 of 2 in cluster AE

Relative:
Lower

State LUST:

Actual:
18 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1003
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/2/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 03/02/1998

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248047

Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10951
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500896
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10951
Facility Id: 38-1003
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1003
Region: SAN FRANCISCO

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248047

Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 2/16/98
Number of Wells: Not reported
Cross Street: DIVISADERO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/25/98
Closed Date: 4/2/98
Review Date: / /
Report Date: 02/16/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 02/12/98
How Discovered: Tank Closure
Discovered Date: 03/02/98
Case Number: 10951
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 03/25/98
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 04/02/98

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248047

Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: DIVISADERO ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

AF128
SE
> 1
5705 ft.

DAISY ERMONE
3450 WASHINGTON STREET
SAN FRANCISCO, CA 94115

HAZNET **S103654374**
LUST **N/A**

Site 1 of 3 in cluster AF

Relative:
Higher

Actual:
284 ft.

LUST Region 2:
 Region: 2
 Case Number: 10618
 Facility Id: 38-0756
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

HAZNET:

Gepaid: CAC001212752
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 6.2550
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: DAISY JEROME
 Telephone: (000) 000-0000
 Mailing Address: 3450 WASHINGTON STREET
 SAN FRANCISCO, CA 94115
 County: San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DAISY ERMONE (Continued)

S103654374

Gepaid: CAC001212752
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: DAISY JEROME
 Telephone: (000) 000-0000
 Mailing Address: 3450 WASHINGTON STREET
 SAN FRANCISCO, CA 94115
 County San Francisco

**AF129
 SE
 > 1
 5705 ft.**

**EROME PROPERTY
 3450 WASHINGTON ST
 SAN FRANCISCO, CA 94115**

**LUST S102431904
 Cortese N/A**

Site 2 of 3 in cluster AF

**Relative:
 Higher**

**Actual:
 284 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0756
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/16/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/11/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10618
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EROME PROPERTY (Continued)

S102431904

Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500657
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST San Francisco County:

Facility ID: 38 0756
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 3/7/96
Number of Wells: 0
Cross Street: LAUREL ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 4/11/96
Closed Date: 5/16/96
Review Date: / /
Report Date: 03/07/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 03/21/96
How Discovered: Tank Closure
Discovered Date: 04/11/96
Case Number: 10618
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EROME PROPERTY (Continued)

S102431904

Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 04/11/96
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 04/17/96
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 05/16/96
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LAUREL ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

 CORTESE:
 Region: CORTESE
 Fac Address 2: 3450 WASHINGTON ST

AG130 CHILDREN'S HOSPITAL
SSE 3773 SACRAMENTO ST
> 1 SAN FRANCISCO, CA 94118
5722 ft.

LUST S100233542
Cortese N/A

**Relative:
 Higher**

Site 1 of 2 in cluster AG

**Actual:
 271 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0103
 Reg Board: 2
 Chemical: Gasoline

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHILDREN'S HOSPITAL (Continued)

S100233542

Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Soil only
Status: Preliminary site assessment underway
Review Date: Not reported Confirm Leak: Not reported
Workplan: 4/13/89 0:00 Prelim Assess: 4/13/89 0:00
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 04/13/1989
Cleanup Fund Id : Not reported
Discover Date : 04/13/1989
Enforcement Dt : Not reported
Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: High priority
Local Case # : 10104
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500094
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10104
Facility Id: 38-0103
Facility Status: Preliminary site assessment underway
How Discovered: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHILDREN'S HOSPITAL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100233542

Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 4/13/1989
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:
Facility ID: 38 0103
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.787235 / 122.45345
Priority: High Priority Site
Case Type: Soil only
Release Date: 4/13/89
Number of Wells: 3
Cross Street: MAPLE ST
Free Product: No
Amount of Free Product: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: IEA
Enforcement Due Date: / /
NOR Date: 9/22/92
Closed Date: Not reported
Review Date: / /
Report Date: 04/13/89
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 04/13/89
How Discovered: Tank Closure
Discovered Date: 04/13/89
Case Number: 10104
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: CHILDREN'S
RP Address: Not reported
Operator: Not reported
Entered Date: 09/22/92

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHILDREN'S HOSPITAL (Continued)

S100233542

Facility Staff: AL
 Facility Status: 0
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 09/20/95
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: / /
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: MAPLE ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 4/13/89 [leak
 CORTESE:
 Region: CORTESE
 Fac Address 2: 3773 SACRAMENTO ST

131
 SSW
 > 1
 5728 ft.

SF NIKE BATT 89
SAN FRANCISCO, CA

FUDS 1007211916
N/A

**Relative:
 Higher**

FUDS:
 Area: 0.00000
 Perimeter: 0.00000
 Federal Facility ID: CA9799F5857
 Facility Name: SF NIKE BATT 89
 City: SAN FRANCISCO
 State: CA
 EPA Region: 9
 County: SAN FRANCISCO
 Congressional District: 08
 US Army District: Sacramento District (SPK)
 Fiscal Year: 2002
 Latitude: 37.78793
 Longitude: -122.47210

**Actual:
 144 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AC132 **GIORDANO PROPERTY**
ENE **555 MARINA BLVD**
> 1 **SAN FRANCISCO, CA 94123**
5755 ft.

LUST **S102430794**
Cortese **N/A**

Site 2 of 2 in cluster AC

Relative:
Lower

State LUST:

Actual:
4 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0562	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	5/9/94 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	08/19/1993		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	CDM		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	10261		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500493		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GIORDANO PROPERTY (Continued)

S102430794

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10261
Facility Id: 38-0562
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0562
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.805722 / 122.442079
Priority: Low Priority Site
Case Type: Soil only
Release Date: 8/19/93
Number of Wells: 0
Cross Street: DIVISADERO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: 04/29/94
NOR Date: 4/29/94
Closed Date: 5/9/94
Review Date: / /
Report Date: 08/19/93
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 08/19/93
Case Number: 10261
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GIORDANO PROPERTY (Continued)

S102430794

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 04/29/94
 Facility Staff: CDM
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 05/09/94
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: DIVISADERO ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 555 MARINA BLVD

AH133
 East
 > 1
 5756 ft.
 Relative:
 Lower
 Actual:
 21 ft.

WALNUT CLEANERS
 2266 CHESTNUT STREET
 SAN FRANCISCO, CA 94123
 Site 1 of 2 in cluster AH

RCRIS-SQG 1000323355
FINDS CAD982002123
HAZNET
CLEANERS
EMI

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WALNUT CLEANERS (Continued)

1000323355

RCRIS:

Owner: YONG PARK
(415) 555-1212
EPA ID: CAD982002123
Contact: ENVIRONMENTAL MANAGER
(415) 592-0495
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
National Emissions Inventory
National Emissions Trends
Resource Conservation and Recovery Act Information system

CA Cleaners:

Inactive Date: Not reported
EPA Id: CAD982002123
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Owner Name : SONJI WANG
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Owner Telephone 4159210495
Contact Name : SONJI WANG OWNER
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Contact Telephone 4159210495
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAD982002123
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Owner Name : SONJI WANG
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Owner Telephone 4159210495
Contact Name : SONJI WANG OWNER
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Contact Telephone 4159210495
Contact Fax : Not reported
Contact Email : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WALNUT CLEANERS (Continued)

1000323355

Region Code : 2

Inactive Date: Not reported
EPA Id: CAD982002123
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Owner Name : SONJI WANG
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Owner Telephone 4159210495
Contact Name : SONJI WANG OWNER
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Contact Telephone 4159210495
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAD982002123
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Owner Name : SONJI WANG
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Owner Telephone 4159210495
Contact Name : SONJI WANG OWNER
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123
Contact Telephone 4159210495
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

HAZNET:

Gepaid: CAD982002123
TSD EPA ID: CAD053044053
Gen County: San Francisco
Tsd County: 1
Tons: .0975
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: YONG SOO PARK
Telephone: (415) 592-0495
Mailing Address: 2266 CHESTNUT ST
SAN FRANCISCO, CA 94123 - 2638
County San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WALNUT CLEANERS (Continued)

1000323355

Gepaid: CAD982002123
 TSD EPA ID: CAD053044053
 Gen County: San Francisco
 Tsd County: 1
 Tons: .1125
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
 Disposal Method: Not reported
 Contact: YONG SOO PARK
 Telephone: (415) 592-0495
 Mailing Address: 2266 CHESTNUT ST
 SAN FRANCISCO, CA 94123 - 2638
 County San Francisco

Gepaid: CAD982002123
 TSD EPA ID: CAD053044053
 Gen County: San Francisco
 Tsd County: 1
 Tons: .4200
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
 Disposal Method: Transfer Station
 Contact: YONG SOO PARK
 Telephone: (415) 592-0495
 Mailing Address: 2266 CHESTNUT ST
 SAN FRANCISCO, CA 94123 - 2638
 County San Francisco

EMISSIONS :

Facility ID : 1168
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

134 THE 830 LAKE ST HOA
SSW 830 LAKE ST
> 1 SAN FRANCISCO, CA 94118
5764 ft.

HAZNET S105692790
LUST N/A

**Relative:
 Higher**

State LUST:

**Actual:
 166 ft.**

Cross Street: 9TH AVE
 Qty Leaked: 0
 Case Number: 38-2181
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

THE 830 LAKE ST HOA (Continued)

S105692790

Remed Action: Not reported
Monitoring: Not reported
Close Date: 10/16/02 0:00
Release Date: 08/20/2002
Cleanup Fund Id : Not reported
Discover Date : 08/13/2001
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11520
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : 08/13/2002
Work Suspended :Not reported
Responsible Party:KEN GLADSTEIN
RP Address: 830 LAKE STREET
Global Id: T0607580442
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11520
Facility Id: 38-2181
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

THE 830 LAKE ST HOA (Continued)

S105692790

Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 302 014
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Moderate Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: 9th Ave
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: LOBOS
Enforcement Type: NOR
Enforcement Due Date: 09/25/02
NOR Date: Not reported
Closed Date: Not reported
Review Date: 10/16/02
Report Date: 08/20/02
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 08/13/02
How Discovered: Tank Closure
Discovered Date: 08/13/02
Case Number: 11520
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 08/13/02
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Ken Gladstein
Entered Date: 09/25/02
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 08/13/02
Workplan Submitted: Not reported
Assessment Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

THE 830 LAKE ST HOA (Continued)

S105692790

Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/17/02
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: 9th Ave
 Benzene Test: ND
 TPH Tested: ND
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: 08/13/02
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

HAZNET:

Gepaid: CAC002554900
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 4.37
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: KEN GLADSTEIN
 Telephone: (415) 902-5719
 Mailing Address: 830 LAKE ST
 SAN FRANCISCO, CA 94118
 County: Not reported

AI135 RESIDENCE
SE 3140 PACIFIC AVE
> 1 SAN FRANCISCO, CA 94115
5765 ft.

LUST S105248069
Cortese N/A

Site 1 of 4 in cluster AI

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0986
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported

**Actual:
 360 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248069

Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	2/19/98 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	09/18/1997		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	10872		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500879		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10872
Facility Id:	38-0986
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248069

Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0986
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/19/97
Number of Wells: Not reported
Cross Street: LYON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/19/97
Closed Date: 2/19/98
Review Date: / /
Report Date: 09/19/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 09/18/97
Case Number: 10872
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: ESTATE OF N.
RP Address: Not reported
Operator: Not reported
Entered Date: 09/19/97
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248069

Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 02/19/98
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LYON ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 9/18/97 [leak
 CORTESE:
 Region: CORTESE
 Fac Address 2: 3140 PACIFIC AVE

**AG136
 SSE
 > 1
 5781 ft.**

**426 MAPLE ST.
 SAN FRANCISCO, CA 94110**

**CHMIRS S105884237
 N/A**

Site 2 of 2 in cluster AG

**Relative:
 Higher**

**Actual:
 264 ft.**

CHMIRS:
 OES Control Number: 02-2814
 Chemical Name: Non PCB Mineral Oil
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported
 Agency Id Number : Not reported
 Agency Incident Number : Not reported
 OES Incident Number : 02-2814
 Time Notified : Not reported
 Surrounding Area : Not reported
 Estimated Temperature : Not reported
 Property Management : Not reported
 More Than Two Substances Involved? : Not reported
 Special Studies 1 : Not reported
 Special Studies 2 : Not reported
 Special Studies 3 : Not reported
 Special Studies 4 : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105884237

Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	Not reported
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Residence
Cleanup By :	Reporting Party
Containment :	Yes
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	5/26/200204:00:30 AM
Evacuations :	0
True date :	12/31/03
Year :	2002
Agency :	PG&E
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	0.000000
Grams :	0
Pounds :	0
Liters :	0
Ounces :	8
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0
Description :	Customer reported transformer was leaking.
Incident date :	5/25/200212:00:00 AM
Admin Agency :	San Francisco County Health Department
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AJ137
ESE
 > 1
 5800 ft.

SCHULTZ PROPERTY
2740 GREEN ST
SAN FRANCISCO, CA 94123

HAZNET **S103648673**
Cortese **N/A**

Site 1 of 4 in cluster AJ

Relative:
Higher

HAZNET:

Actual:
 156 ft.

Gepaid: CAC001154200
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 2.1267
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Not reported
 Contact: CHARLOTTE SCHULTZ
 Telephone: (000) 000-0000
 Mailing Address: 999 GREEN ST
 SAN FRANCISCO, CA 94133
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 2740 GREEN ST

AJ138
ESE
 > 1
 5800 ft.

SCHULTZ PROPERTY
2740 GREEN STREET
SAN FRANCISCO, CA 94123

LUST **S103177199**
N/A

Site 2 of 4 in cluster AJ

Relative:
Higher

State LUST:

Actual:
 156 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0980
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/6/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/29/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SCHULTZ PROPERTY (Continued)

S103177199

MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10927
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500873
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10927
Facility Id: 38-0980
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0980
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 12/29/97
Number of Wells: Not reported
Cross Street: BAKER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

SCHULTZ PROPERTY (Continued)

S103177199

Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/20/98
Closed Date: 3/6/98
Review Date: / /
Report Date: 12/29/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 12/22/97
How Discovered: Tank Closure
Discovered Date: 01/29/98
Case Number: 10927
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: CHARLOTTE SCHULTZ
RP Address: Not reported
Operator: Not reported
Entered Date: 02/20/98
Facility Staff: MA
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 03/06/98
Abatement: Pump and Treat Ground Water
Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: BAKER ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SCHULTZ PROPERTY (Continued)

S103177199

Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

AH139
East
> 1
5803 ft.

NORMAN CLEANERS
2255 CHESTNUT STREET
SAN FRANCISCO, CA 94123

CLEANERS **S105265728**
EMI **N/A**

Site 2 of 2 in cluster AH

Relative:
Lower

Actual:
21 ft.

CA Cleaners:
 Inactive Date: 6/30/2001
 EPA Id: CAL000033640
 Facility Address 2 Not reported
 NAICS Code : Not reported
 Facility Active : No
 Mail Name : Not reported
 Mailing Address: 2255 CHESTNUT ST
 SAN FRANCISCO, CA 94123
 Owner Name : WONG WILSON
 Mailing Address: 2255 CHESTNUT ST
 SAN FRANCISCO, CA 94123
 Owner Telephone 0000000000
 Contact Name : WILSON WONG
 Mailing Address: INACTIVE PER VQ01 - BMI
 SAN FRANCISCO, CA 94123
 Contact Telephone 4153468395
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

 Inactive Date: Not reported
 EPA Id: CAL000005283
 Facility Address 2 Not reported
 NAICS Code : Not reported
 Facility Active : Yes
 Mail Name : Not reported
 Mailing Address: 2255 CHESTNUT ST
 SAN FRANCISCO, CA 94123
 Owner Name : MEI CHING CHEN IMMEDIATE FAMIL
 Mailing Address: 2255 CHESTNUT ST
 SF, CA 94123
 Owner Telephone 4153468395
 Contact Name : MEI CHING CHAN
 Mailing Address: 2255 CHESTNUT ST
 SF, CA 94123
 Contact Telephone 4153468395
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

EMISSIONS :

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NORMAN CLEANERS (Continued)

S105265728

Facility ID : 4223
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

AK140 MOBIL
East 2498 LOMBARD ST
> 1 SAN FRANCISCO, CA 91505
5803 ft.

HAZNET S103953127
Cortese N/A

Site 1 of 3 in cluster AK

**Relative:
 Lower**

HAZNET:
 Gepaid: CAL000035317
 TSD EPA ID: CAD009452657
 Gen County: San Francisco
 Tsd County: San Mateo
 Tons: .0125
 Waste Category: Aqueous solution with 10% or more total organic residues
 Disposal Method: Recycler
 Contact: TOSCO NORTHWEST COMPANY
 Telephone: (000) 000-0000
 Mailing Address: 601 UNION STREET
 SEATTLE, WA 98101
 County San Francisco

**Actual:
 31 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2498 LOMBARD ST

 Region: CORTESE
 Fac Address 2: 2498 LOMBARD ST

AK141 BP OIL SERVICE STATION
East 2498 LOMBARD STREET
> 1 SAN FRANCISCO, CA 94123
5803 ft.

LUST U003716862
N/A

Site 2 of 3 in cluster AK

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1362
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Confirm Leak: Not reported
 Prelim Assess: Not reported

**Actual:
 31 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BP OIL SERVICE STATION (Continued)

U003716862

Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	4/14/93 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	11/08/1991		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	10133		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501247		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10133
Facility Id:	38-1362
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BP OIL SERVICE STATION (Continued)

U003716862

Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported
 Region: 2
 Case Number: 10407
 Facility Id: 38-0212
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

AK142
East
> 1
5803 ft.

MOBIL #D3V
2498 LOMBARD ST
SAN FRANCISCO, CA 94123

LUST S101592132
CA FID UST N/A

Site 3 of 3 in cluster AK

Relative:
Lower

State LUST:

Actual:
31 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0212
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/12/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 11/08/1991
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: CDM
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10407
 Beneficial: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MOBIL #D3V (Continued)

S101592132

Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500181
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST San Francisco County:

Facility ID: 38 1362
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 2/19/93
Number of Wells: 3
Cross Street: DIVISADERO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: 18 21
Gradient: N/NW
Primary Substance: GASOLINE
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/19/93
Closed Date: 4/14/93
Review Date / /
Report Date 02/19/93
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 11/08/91
Case Number: 10133
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MOBIL #D3V (Continued)

S101592132

Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 02/19/93
Facility Staff: AL
Facility Status: 9
Funding: R
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 04/14/93
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: DIVISADERO ST
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 3 Wells installed

Facility ID: 38 0212
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.799243 / 122.441262
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 11/8/91
Number of Wells: 0
Cross Street: SCOTT ST
Free Product: No
Amount of Free Produce: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MOBIL #D3V (Continued)

S101592132

MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 4/7/95
Closed Date: 1/12/96
Review Date: / /
Report Date: 11/08/91
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 10/15/87
How Discovered: Tank Closure
Discovered Date: 11/08/91
Case Number: 10407
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: TOSCO
RP Address: Not reported
Operator: Not reported
Entered Date: 04/07/95
Facility Staff: CDM
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 01/12/96
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: SCOTT ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MOBIL #D3V (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S101592132

Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

FID:

Facility ID:	38000626	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 921-2681
Mail To:	Not reported 2498 LOMBARD ST SAN FRANCISCO, CA 94123		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

**AI143
 SE
 > 1
 5807 ft.**

**RESIDENTIAL
 2330 LYON STREET
 SAN FRANCISCO, CA 94115**

**LUST S105628332
 N/A**

Site 2 of 4 in cluster AI

**Relative:
 Higher**

LUST San Francisco County:

**Actual:
 372 ft.**

Facility ID: 02 302 008
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: Broadway & Pacific
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: NT
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: Not reported
 Basin: DOWNTOWN
 Enforcement Type: NOR
 Enforcement Due Date: 08/06/02
 NOR Date: Not reported
 Closed Date: Not reported
 Review Date: 08/04/02
 Report Date: 03/13/02
 Leak Source: Tank
 Leak Cause: Corrosion

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL (Continued)

S105628332

How Stopped:	Close Tank
Stopped Date:	03/12/02
How Discovered:	Tank Closure
Discovered Date:	03/12/02
Case Number:	11514
Staff Initial:	VP
Substance:	Heater Fuel
Substance Qty:	Not reported
Interim Remediation:	N
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	Not reported
Maximum Soil GW:	Not reported
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	Not reported
Reg Board:	2
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Edward Topham
Entered Date:	08/06/02
Facility Staff:	AL
Facility Status:	9
Funding:	State
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	03/12/02
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Case Closed:	08/04/02
Abatement:	Excavate and Dispose (landfill) of soil
CUFID:	Not reported
Beneficial Use:	No
Suspended:	No
Program:	LOP
Cross Street:	Broadway & Pacific
Benzene Test:	ND
TPH Tested:	ND
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	03/12/02
Block:	Not reported
Lot:	Not reported
TPH Current:	Not reported
TPH Current Date:	Not reported
MTBE Current:	Not reported
MTBE Current Date:	Not reported
Ground Water Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AI144 **RICARD THALHEIMER**
SE **2330 LYON ST**
> 1 **SAN FRANCISCO, CA 94115**
5807 ft.

HAZNET **S105688807**
LUST **N/A**

Site 3 of 4 in cluster AI

Relative:
Higher

State LUST:

Actual:
372 ft.

Cross Street: BROADWAY
 Qty Leaked: 0
 Case Number 38-1814
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/4/02 0:00
 Release Date: 03/13/2002
 Cleanup Fund Id : Not reported
 Discover Date : 03/12/2002
 Enforcement Dt : 8/5/02 0:00
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: UNK
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11514
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 03/13/2002
 Work Suspended : Not reported
 Responsible Party EDWARD TOPHAM
 RP Address: 2330 LYON STREET
 Global Id: T0607528731
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RICARD THALHEIMER (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S105688807

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11514
 Facility Id: 38-1814
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: UNK
 Leak Source: Tank
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

HAZNET:

Gepaid: CAC002454847
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 3.32
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: KATHY KELLER/GOLDEN GATE TANK
 Telephone: (415) 512-1555
 Mailing Address: PO BOX 177
 ROSS, CA 94957
 County: Not reported

**AI145
 SE
 > 1
 5830 ft.**

**AGNES ALBERT TRUST
 2320 LYON ST
 SAN FRANCISCO, CA 94129**

**HAZNET S105693950
 LUST N/A**

Site 4 of 4 in cluster AI

**Relative:
 Higher**

State LUST:

**Actual:
 378 ft.**

Cross Street: PACIFIC
 Qty Leaked: 0
 Case Number: 38-2188
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/14/02 0:00
 Release Date: 10/22/2002
 Cleanup Fund Id : Not reported
 Discover Date : 10/22/2002

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AGNES ALBERT TRUST (Continued)

S105693950

Enforcement Dt : Not reported
Enf Type: NONE
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11527
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : 10/22/2002
Work Suspended :Not reported
Responsible Party:MIKE NOVAK
RP Address: 580 CALIFORNIA ST., STE. 1800
Global Id: T0607578713
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11527
Facility Id: 38-2188
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AGNES ALBERT TRUST (Continued)

S105693950

HAZNET:

Gepaid: CAC002557127
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 6.25
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: MIKE NOVAK
 Telephone: (415) 765-4422
 Mailing Address: 580 CALIFORNIA ST STE 1800
 SAN FRANCISCO, CA 94104
 County: Not reported

AF146
 SE
 > 1
 5832 ft.

MR FERGUSON
3398 WASHINGTON ST
SAN FRANCISCO, CA 94118

HAZNET **S104809921**
LUST **N/A**

Site 3 of 3 in cluster AF

Relative:
 Higher

Actual:
 295 ft.

State LUST:

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2060
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/22/00 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 06/22/2000
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Medium priority
 Local Case # : 11404
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MR FERGUSON (Continued)

S104809921

Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607546464
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11404
Facility Id: 38-2060
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 400 004
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Moderate Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Walnut
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: YES
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: LOBOS
Enforcement Type: NOR
Enforcement Due Date: 10/18/00
NOR Date: Not reported
Closed Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MR FERGUSON (Continued)

S104809921

Review Date	10/20/00
Report Date	06/22/00
Leak Source:	Tank
Leak Cause:	Corrosion
How Stopped:	Close Tank
Stopped Date:	06/22/00
How Discovered:	Tank Closure
Discovered Date:	06/22/00
Case Number:	11404
Staff Initial:	VP
Substance:	Gasoline
Substance Qty:	Not reported
Interim Remediation:	N
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	06/22/00
Max Soil Concentration:	Not reported
Maximum Soil GW:	Not reported
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	Not reported
Reg Board:	2
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Mr. Ferguson
Entered Date:	10/18/00
Facility Staff:	MA
Facility Status:	9
Funding:	Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	06/22/00
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Case Closed:	10/20/00
Abatement:	Excavate and Dispose (landfill) of soil
CUFID:	Not reported
Beneficial Use:	Yes
Suspended:	No
Program:	LOP
Cross Street:	Walnut
Benzene Test:	ND
TPH Tested:	ND
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	06/22/00
Block:	Not reported
Lot:	Not reported
TPH Current:	Not reported
TPH Current Date:	Not reported
MTBE Current:	Not reported
MTBE Current Date:	Not reported
Ground Water Qualifier:	Not reported
Soil Qualifier:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MR FERGUSON (Continued)

S104809921

Comments: Not reported
 Summary: Not reported

HAZNET:

Gepaid: CAC002317753
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: .0625
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: MR FERGUSON
 Telephone: (000) 000-0000
 Mailing Address: 3398 WASHINGTON ST
 SAN FRANCISCO, CA 94118
 County San Francisco

Gepaid: CAC002317753
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 1.4595
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: MR FERGUSON
 Telephone: (000) 000-0000
 Mailing Address: 3398 WASHINGTON ST
 SAN FRANCISCO, CA 94118
 County San Francisco

AL147
East
> 1
5836 ft.

SIMONE PROPERTY (FORMER)
2143-2145 BAY ST
SAN FRANCISCO, CA 94123

LUST S106162758
N/A

Site 1 of 3 in cluster AL

Relative:
Lower

State LUST:

Actual:
17 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0672
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/2/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/28/1993
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SIMONE PROPERTY (FORMER) (Continued)

S106162758

How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10541
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500587
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Case Number: 10541
Facility Id: 38-0672
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AM148 RESIDENCE
ENE 537 MARINA BLVD.
> 1 SAN FRANCISCO, CA 94123
5847 ft.

LUST S105248107
N/A

Relative:
Lower

Site 1 of 4 in cluster AM

State LUST:

Actual:
3 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1433	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	10/7/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	06/25/1999		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11285		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	0.005 Parts per Million		
Soil Qualifier :	<		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501317		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248107

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11285
Facility Id: 38-1433
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1433
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 8/18/99
Number of Wells: 0
Cross Street: Scott Street
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: NA
Gradient: NA
Primary Substance: FUEL OIL NOS. 1 6
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: 09/02/99
NOR Date: 9/2/99
Closed Date: 10/7/99
Review Date: 10/06/99
Report Date: 08/18/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 06/25/99
How Discovered: Tank Closure
Discovered Date: 06/25/99
Case Number: 11285
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: 1500
Interim Remediation: Not reported
Maximum MTBE Soil: 0.005
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248107

MTBE DATE: 06/25/99
 Max Soil Concentration: ND
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Robert Pechoultres
 Entered Date: 09/02/99
 Facility Staff: MA
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/07/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: Not reported
 Program: LOP
 Cross Street: Scott Street
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 550
 TPH Date: 06/25/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: <
 Comments: Not reported
 Summary: Not reported

AM149 RESDIENCE
ENE 537 MARINA BLVD
> 1 SAN FRANCISCO, CA 94124
5847 ft.
 Relative: **Site 2 of 4 in cluster AM**
 Lower
 Actual: **3 ft.**

HAZNET S104566814
Cortese N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDIENCE (Continued)

S104566814

HAZNET:

Gepaid: CAC001384256
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 4.3785
 Waste Category: Waste oil and mixed oil
 Disposal Method: Transfer Station
 Contact: ANDRE J PECHOULTRES
 Telephone: (415) 923-9100
 Mailing Address: 2767 OCTAVIA ST
 SAN FRANCISCO, CA 94123
 County: San Francisco

Gepaid: CAC001384256
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 0.2085
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: ANDRE J PECHOULTRES
 Telephone: (415) 923-9100
 Mailing Address: 2767 OCTAVIA ST
 SAN FRANCISCO, CA 94123
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 537 MARINA BLVD

**150
 SE
 > 1
 5853 ft.**

**RESIDENCE
 3511 CLAY ST
 SAN FRANCISCO, CA 94123**

**LUST S105248077
 Cortese N/A**

**Relative:
 Higher**

State LUST:

**Actual:
 305 ft.**

Cross Street:	Not reported	
Qty Leaked:	0	
Case Number	38-1295	
Reg Board:	2	
Chemical:	Heater Fuel	
Lead Agency:	Local Agency	
Local Agency :	38000L	
Case Type:	Soil only	
Status:	Leak being confirmed	
Review Date:	8/4/95 0:00	Confirm Leak: 8/4/95 0:00
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	Not reported	
Release Date:	08/04/1995	
Cleanup Fund Id :	Not reported	
Discover Date :	08/04/1995	
Enforcement Dt :	Not reported	
Enf Type:	FREV	
Enter Date :	Not reported	
Funding:	Not reported	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248077

Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10864
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501180
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10864
Facility Id: 38-1295
Facility Status: Leak being confirmed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: 8/4/1995
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1295
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248077

Release Date: 2/11/99
 Number of Wells: Not reported
 Cross Street: MAPLE ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OIL NOS. 1 6
 Basin: Lobos Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /
 NOR Date: 2/11/99
 Closed Date: Not reported
 Review Date: / /
 Report Date: 08/04/95
 Leak Source: Unknown
 Leak Cause: Unknown
 How Stopped: Not reported
 Stopped Date: / /
 How Discovered: Not reported
 Discovered Date: 08/04/95
 Case Number: 10864
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 02/11/99
 Facility Staff: SC
 Facility Status: 1
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 02/11/99
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: / /
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248077

Program: LOP
 Cross Street: MAPLE ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 3511 CLAY ST

**AN151
 ESE
 > 1
 5868 ft.**

**BUCKLEY PROPERTY
 2875 VALLEJO ST
 SAN FRANCISCO, CA 94124**

**LUST S102425827
 Cortese N/A**

Site 1 of 4 in cluster AN

**Relative:
 Higher**

State LUST:

**Actual:
 207 ft.**

Cross Street:	Not reported	
Qty Leaked:	0	
Case Number	38-0788	
Reg Board:	2	
Chemical:	Heater Fuel	
Lead Agency:	Local Agency	
Local Agency :	38000L	
Case Type:	Soil only	
Status:	Case Closed	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	6/13/96 0:00	
Release Date:	Not reported	
Cleanup Fund Id :	Not reported	
Discover Date :	05/30/1996	
Enforcement Dt :	Not reported	
Enf Type:	2A	
Enter Date :	Not reported	
Funding:	Not reported	
Staff Initials:	AL	
How Discovered:	Not reported	
How Stopped:	Not reported	
Interim :	Not reported	
Leak Cause:	Not reported	
Leak Source:	Not reported	
MTBE Date :	Not reported	
Max MTBE GW :	Not reported	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BUCKLEY PROPERTY (Continued)

S102425827

MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10643
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500685
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10643
Facility Id: 38-0788
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0788
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/30/96
Number of Wells: 0
Cross Street: BAKER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BUCKLEY PROPERTY (Continued)

S102425827

Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: Islais Basin
 Enforcement Type: 2A
 Enforcement Due Date: / /
 NOR Date: 6/5/96
 Closed Date: 6/13/96
 Review Date: / /
 Report Date: 05/30/96
 Leak Source: Tank
 Leak Cause: Structure Failure
 How Stopped: Not reported
 Stopped Date: / /
 How Discovered: Not reported
 Discovered Date: 05/30/96
 Case Number: 10643
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Not reported
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 2A
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 06/05/96
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 06/12/96
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/13/96
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BAKER ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

BUCKLEY PROPERTY (Continued)

EDR ID Number
 EPA ID Number

S102425827

Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 6/3/96 [leak
 CORTESE:
 Region: CORTESE
 Fac Address 2: 2875 VALLEJO ST

AO152
South
> 1
5898 ft.

UNOCAL SERVICE STATION #0155
3898 CALIFORNIA
SAN FRANCISCO, CA 94118

Notify 65 **S100179824**
HAZNET **N/A**
Cortese

Site 1 of 2 in cluster AO

Relative:
Higher

Actual:
209 ft.

HAZNET:
 Gepaid: CAD982042566
 TSD EPA ID: CAD009452657
 Gen County: San Francisco
 Tsd County: San Mateo
 Tons: .0791
 Waste Category: Aqueous solution with 10% or more total organic residues
 Disposal Method: Recycler
 Contact: UNION OIL COMPANY OF CALIFORNI
 Telephone: (714) 428-6560
 Mailing Address: PO BOX 25376
 SANTA ANA, CA 92799 - 5376
 County San Francisco
 Gepaid: CAD982042566
 TSD EPA ID: CAD009452657
 Gen County: San Francisco
 Tsd County: San Mateo
 Tons: .1793
 Waste Category: Aqueous solution with 10% or more total organic residues
 Disposal Method: Not reported
 Contact: UNION OIL COMPANY OF CALIFORNI
 Telephone: (714) 428-6560
 Mailing Address: PO BOX 25376
 SANTA ANA, CA 92799 - 5376
 County San Francisco
 Gepaid: CAL000175925
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: San Bernardino
 Tons: 0.01
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: HAZMAT SPECIALIST
 Telephone: (602) 728-4180
 Mailing Address: PO BOX 52085
 PHOENIX, AZ 85072 - 2085
 County Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNOCAL SERVICE STATION #0155 (Continued)

S100179824

Gepaid: CAD982042566
 TSD EPA ID: CAD009452657
 Gen County: San Francisco
 Tsd County: San Mateo
 Tons: .1000
 Waste Category: Aqueous solution with 10% or more total organic residues
 Disposal Method: Recycler
 Contact: UNION OIL COMPANY OF CALIFORNI
 Telephone: (714) 428-6560
 Mailing Address: PO BOX 25376
 SANTA ANA, CA 92799 - 5376
 County San Francisco

Gepaid: CAL000175925
 TSD EPA ID: CAD009452657
 Gen County: San Francisco
 Tsd County: San Mateo
 Tons: .0625
 Waste Category: Unspecified alkaline solution
 Disposal Method: Not reported
 Contact: TOSCO MARKETING
 Telephone: (602) 728-4180
 Mailing Address: P O BOX 52085
 PHOENIX, AZ 85072 - 2085
 County San Francisco

[Click this hyperlink](#) while viewing on your computer to access
 2 additional CA HAZNET record(s) in the EDR Site Report.

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Incident Description: 94118

CORTESE:

Region: CORTESE
 Fac Address 2: 3898 CALIFORNIA ST

**AO153
 South
 > 1
 5898 ft.**

**UNOCAL #155-LEWIS&SONS UNION76
 3898 CALIFORNIA ST
 SAN FRANCISCO, CA 94118**

**LUST S101592066
 CA FID UST N/A**

Site 2 of 2 in cluster AO

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0406
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 209 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #155-LEWIS&SONS UNION76 (Continued)

S101592066

Monitoring: Not reported
Close Date: 11/17/94 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 02/16/1990
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: CDM
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 10043
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500358
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10043
Facility Id: 38-0406
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #155-LEWIS&SONS UNION76 (Continued)

S101592066

Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0406
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.785914 / 122.457844
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 2/15/90
Number of Wells: 0
Cross Street: ARGUELLO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: 04/22/92
NOR Date: 4/22/92
Closed Date: 11/17/94
Review Date: / /
Report Date: 02/15/90
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 02/16/90
How Discovered: Tank Closure
Discovered Date: 02/16/90
Case Number: 10043
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: TOSCO
RP Address: Not reported
Operator: Not reported
Entered Date: 04/22/92
Facility Staff: CDM
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNOCAL #155-LEWIS&SONS UNION76 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S101592066

Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/17/94
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: ARGUELLO ST
 Benzene Test: Not reported
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 3
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

FID:

Facility ID:	38000433	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 752-4161
Mail To:	Not reported		
	3890 CALIFORNIA ST		
	SAN FRANCISCO, CA 94118		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

**AJ154
 ESE
 > 1
 5909 ft.**

**RESIDENTIAL PROPERTY
 2730 BRODERICK STREET
 SAN FRANCISCO, CA 94123**

**LUST S106117960
 N/A**

Site 3 of 4 in cluster AJ

**Relative:
 Higher**

State LUST:

**Actual:
 149 ft.**

Cross Street: UNION STREET
 Qty Leaked: 0
 Case Number: 38-2248
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 6/20/03 0:00
 Workplan: Not reported
 Pollution Char: Not reported

Confirm Leak: 6/20/03 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL PROPERTY (Continued)

S106117960

Remed Action: Not reported
Monitoring: Not reported
Close Date: 12/15/03 0:00
Release Date: 08/12/2003
Cleanup Fund Id : Not reported
Discover Date : 06/20/2003
Enforcement Dt : Not reported
Enf Type: CLOS
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 11587
Beneficial: Not reported
Staff : GVL
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : 06/20/2003
Work Suspended :Not reported
Responsible Party:FARNUM ALSTON
RP Address: 2730 BRODERICK STREET
Global Id: T0607567221
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtb Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11587
Facility Id: 38-2248
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 6/20/2003
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENTIAL PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

S106117960

**AP155
 SE
 > 1
 5920 ft.**

**ALBERT PROPERTY
 124-128 PRESIDIO AVE
 SAN FRANCISCO, CA 94115**

**LUST S106162114
 N/A**

Site 1 of 5 in cluster AP

**Relative:
 Higher**

State LUST:

**Actual:
 326 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0940
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/7/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 08/22/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10865
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500834
 Org Name: Not reported
 Contact Person: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ALBERT PROPERTY (Continued)

S106162114

MTBE Conc: Not reported
 Mtb Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10865
 Facility Id: 38-0940
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

AN156 2856 VALLE O ST
ESE 2856 VALLEJO ST
> 1 SAN FRANCISCO, CA 94118
5938 ft.

HAZNET S102425712
Cortese N/A

Site 2 of 4 in cluster AN

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001133208
 TSD EPA ID: CAL000027741
 Gen County: San Francisco
 Tsd County: 5
 Tons: 3.0340
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: BOB & VALLIE TANDLER
 Telephone: (000) 000-0000
 Mailing Address: 199 1ST STREET
 SAN FRANCISCO, CA 94105
 County San Francisco

**Actual:
 206 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2856 VALLEJO ST

AN157 DAVID BRADFORD
ESE 2856 VALLEJO STREET
> 1 SAN FRANCISCO, CA 94123
5938 ft.

HAZNET S102793130
LUST N/A

Site 3 of 4 in cluster AN

**Relative:
 Higher**

LUST Region 2:
 Region: 2
 Case Number: 10484
 Facility Id: 38-0629
 Facility Status: Case Closed

**Actual:
 206 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DAVID BRADFORD (Continued)

S102793130

How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

HAZNET:

Gepaid:	CAC000728132
TSD EPA ID:	CAD004771168
Gen County:	San Francisco
Tsd County:	San Francisco
Tons:	.7500
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Contact:	DAVID & HELEN BRADFORD
Telephone:	(000) 000-0000
Mailing Address:	2856 VALLEJO STREET
	SAN FRANCISCO, CA 94123
County	San Francisco
Gepaid:	CAC000728132
TSD EPA ID:	CAD980887418
Gen County:	San Francisco
Tsd County:	1
Tons:	.8340
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Contact:	DAVID & HELEN BRADFORD
Telephone:	(000) 000-0000
Mailing Address:	2856 VALLEJO STREET
	SAN FRANCISCO, CA 94123
County	San Francisco

AN158 2856 VALLEJO STREET
ESE 2856 VALLEJO STREET
 > 1 SAN FRANCISCO, CA 94118
 5938 ft.

LUST S102423416
 N/A

Site 4 of 4 in cluster AN

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0629
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/31/95 0:00

Actual:
206 ft.

Confirm Leak:	Not reported
Prelim Assess:	Not reported
Remed Plan:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2856 VALLEJO STREET (Continued)

S102423416

Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 05/01/1995
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10484
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500550
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST San Francisco County:

Facility ID: 38 0629
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.794155 / 122.443111
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/1/95
Number of Wells: 0
Cross Street: BAKER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2856 VALLEJO STREET (Continued)

S102423416

Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/26/95
Closed Date: 7/31/95
Review Date: / /
Report Date: 05/01/95
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 05/01/95
Case Number: 10484
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 07/26/95
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 07/26/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/31/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: BAKER ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

2856 VALLEJO STREET (Continued)

EDR ID Number
 EPA ID Number

Database(s)

TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 6/6/95 [leak]

S102423416

AP159 ALBERT PROPERTY
SE 124 8 PRESIDIO AVE
> 1 SAN FRANCISCO, CA 94115
5948 ft.

Cortese S104228704
N/A

**Relative:
 Higher**

Site 2 of 5 in cluster AP

CORTESE:
 Region: CORTESE
 Fac Address 2: 124 8 PRESIDIO AVE

**Actual:
 328 ft.**

AP160 RESIDENCE
SE 3159 JACKSON STREET
> 1 SAN FRANCISCO, CA 94115
5963 ft.

LUST S105248070
N/A

**Relative:
 Higher**

Site 3 of 5 in cluster AP

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1310
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Leak being confirmed
 Review Date: 6/6/97 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 06/06/1997
 Cleanup Fund Id : Not reported
 Discover Date : 06/06/1997
 Enforcement Dt : Not reported
 Enf Type: FREV
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported

Confirm Leak: 6/6/97 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 346 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248070

Local Case # : 11173
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501195
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11173
Facility Id: 38-1310
Facility Status: Leak being confirmed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: 6/6/1997
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1310
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 6/6/97
Number of Wells: Not reported
Cross Street: LYON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248070

Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/18/99
Closed Date: Not reported
Review Date: / /
Report Date: 06/06/97
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 06/06/97
Case Number: 11173
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Wells Fargo Bank
RP Address: Not reported
Operator: Not reported
Entered Date: 02/18/99
Facility Staff: SC
Facility Status: 1
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/18/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: / /
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: LYON ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248070

TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

**AP161
SE
> 1
5963 ft.**

**RESIDENCE
3159 JACKSON ST
SAN FRANCISCO, CA 94115**

**HAZNET S103652183
Cortese N/A**

Site 4 of 5 in cluster AP

**Relative:
Higher**

HAZNET:
Gepaid: CAC000740704
TSD EPA ID: CAT080025711
Gen County: San Francisco
Tsd County: San Bernardino
Tons: 1.8765
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: WELLS FARGO BANK
Telephone: (415) 396-2999
Mailing Address: 345 CALIFORNIA ST 10TH FLOOR
SAN FRANCISCO, CA 94104
County San Francisco
Gepaid: CAC000740704
TSD EPA ID: CAD980887418
Gen County: San Francisco
Tsd County: 1
Tons: 6.2550
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: WELLS FARGO BANK
Telephone: (415) 396-2999
Mailing Address: 345 CALIFORNIA ST 10TH FLOOR
SAN FRANCISCO, CA 94104
County San Francisco

CORTESE:
Region: CORTESE
Fac Address 2: 3159 JACKSON ST

**AQ162
South
> 1
5970 ft.**

**CHEVRON
4201 CALIFORNIA ST
SAN FRANCISCO, CA 94118**

**Cortese 1001263018
N/A**

Site 1 of 2 in cluster AQ

**Relative:
Higher**

CORTESE:
Region: CORTESE
Fac Address 2: 4201 CALIFORNIA ST
Region: CORTESE
Fac Address 2: Not reported

**Actual:
185 ft.**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AQ163
South
> 1
5970 ft.

CHEVRON STATION #9-0113
4201 CALIFORNIA STREET
SAN FRANCISCO, CA 94118

LUST **S105194315**
N/A

Site 2 of 2 in cluster AQ

Relative:
Higher

State LUST:

Actual:
185 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0096	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Other ground water affected		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	9/26/00 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	07/20/1984		
Enforcement Dt :	Not reported		
Enf Type:	4		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	High priority		
Local Case # :	10022		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500087		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON STATION #9-0113 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105194315

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10022
Facility Id: 38-0096
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0096
Region: SAN FRANCISCO
Notify: True
Lat/Long: 37.785172 / 122.461431
Priority: High Priority Site
Case Type: Other ground water affected
Release Date: 7/20/84
Number of Wells: 16
Cross Street: 4TH ST
Free Product: Yes
Amount of Free Produce: Not reported
MTBE: YES
Benzene: ND
Depth to Groundwater: 21 30
Gradient: SW .009
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: 4
Enforcement Due Date: / /
NOR Date: 4/22/92
Closed Date: 9/26/00
Review Date: 06/06/00
Report Date: 07/20/84
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 07/20/84
How Discovered: Tank Closure
Discovered Date: 07/20/84
Case Number: 10022
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 500

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON STATION #9-0113 (Continued)

S105194315

MTBE DATE: / /
 Max Soil Concentration: ND
 Maximum Soil GW: 770
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 4
 Reg Board: 2
 Responsible Party: CHEVRON
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 04/22/92
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: 7/1/84
 Pollution Characterization: 8/1/84
 Corrective Action Plan: 6/9/96
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/26/00
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Excavate and Treat soil. (e.g. aeration, biodegradation, etc.)
 CUFID: 5969
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: 4TH ST
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: 99999999
 Max TPH Soil: 14000
 TPH Date: 06/08/91
 Block: Not reported
 Lot: Not reported
 TPH Current: 3990
 TPH Current Date: 2/2/00
 MTBE Current: ND
 MTBE Current Date: 2/2/00
 Ground Water Qualifier: <
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: TESTED 11/6/97

AR164
 SE
 > 1
 5978 ft.

RESIDENTIAL
3080 PACIFIC AVE
SAN FRANCISCO, CA 94115

LUST S105628329
N/A

Site 1 of 5 in cluster AR

Relative:
Higher

LUST San Francisco County:
 Facility ID: 02 302 005
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only

Actual:
383 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S105628329

Release Date: Not reported
Number of Wells: Not reported
Cross Street: Lyon
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: DOWNTOWN
Enforcement Type: NOR
Enforcement Due Date: 07/26/02
NOR Date: Not reported
Closed Date: Not reported
Review Date: 08/01/02
Report Date: 03/13/02
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 03/12/02
How Discovered: Tank Closure
Discovered Date: 03/12/02
Case Number: 11511
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Lori Franz
Entered Date: 07/26/02
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/12/02
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 08/01/02
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL (Continued)

S105628329

Program: LOP
 Cross Street: Lyon
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 27
 TPH Date: 03/12/02
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**AR165
 SE
 > 1
 5978 ft.**

**RESIDENCE
 3080 PACIFIC AVENUE
 SAN FRANCISCO, CA 94115**

**LUST S105688804
 N/A**

Site 2 of 5 in cluster AR

**Relative:
 Higher**

State LUST:

**Actual:
 383 ft.**

Cross Street: LYON STREET
 Qty Leaked: 0
 Case Number: 38-1811
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/1/02 0:00
 Release Date: 03/13/2002
 Cleanup Fund Id : Not reported
 Discover Date : 03/12/2002
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11511
 Beneficial: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105688804

Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 03/12/2002
 Work Suspended :Not reported
 Responsible Party:LORI FRANZ
 RP Address: 3080 PACIFIC AVENUE
 Global Id: T0607588496
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11511
 Facility Id: 38-1811
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

AS166
East
> 1
5989 ft.

B & F INVESTMENTS
3820 SCOTT ST
SAN FRANCISCO, CA 94123

LUST S102446075
Cortese N/A

Site 1 of 11 in cluster AS

Relative:
Lower

State LUST:

Actual:
14 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0844
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

B & F INVESTMENTS (Continued)

S102446075

Monitoring: Not reported
 Close Date: 12/12/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/01/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10753
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500739
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10753
 Facility Id: 38-0844
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

B & F INVESTMENTS (Continued)

S102446075

Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0844
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/17/96
Number of Wells: 0
Cross Street: PRADO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/5/96
Closed Date: 12/12/96
Review Date: / /
Report Date: 09/17/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 09/17/96
How Discovered: Tank Closure
Discovered Date: 10/01/96
Case Number: 10753
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: B&F INVESTMENTS
RP Address: Not reported
Operator: Not reported
Entered Date: 12/05/96
Facility Staff: AL
Facility Status: 9
Funding: Federal

Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

B & F INVESTMENTS (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S102446075

Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 12/12/96
 Abatement: Excavate and Dispose (landfill) of soil
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: PRADO ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 9/17/96 [leak
 CORTESE:
 Region: CORTESE
 Fac Address 2: 3820 SCOTT ST

AS167 RESIDENCE
East 3800 SCOTT STREET
> 1 SAN FRANCISCO, CA 94107
5989 ft.

LUST S105248092
N/A

Relative:
Lower

Site 2 of 11 in cluster AS

Actual:
14 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0829
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/7/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/15/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248092

Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10725
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500724
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10725
Facility Id: 38-0829
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0829
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248092

Case Type: Soil only
Release Date: 9/27/96
Number of Wells: 0
Cross Street: PRADO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 11/5/96
Closed Date: 11/7/96
Review Date: / /
Report Date: 09/27/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 09/16/96
How Discovered: Tank Closure
Discovered Date: 10/15/96
Case Number: 10725
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 11/05/96
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 11/07/96
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248092

Suspended: No
 Program: LOP
 Cross Street: PRADO ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 9/27/96 [leak]

AS168 **2000 BEACH ST APTS**
East **2000 BEACH ST**
> 1 **SAN FRANCISCO, CA 94123**
5990 ft.

LUST **S103890832**
Cortese **N/A**

Site 3 of 11 in cluster AS

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0560
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/7/95 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 04/26/1994
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: CDM
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case #: 10368

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
14 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2000 BEACH ST APTS (Continued)

S103890832

Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500492
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10368
Facility Id: 38-0560
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0560
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.804155 / 122.440977
Priority: Low Priority Site
Case Type: Other ground water affected
Release Date: 3/29/94
Number of Wells: 0
Cross Street: SCOTT ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2000 BEACH ST APTS (Continued)

S103890832

Enforcement Type: NOR
Enforcement Due Date: 01/25/95
NOR Date: 1/25/95
Closed Date: 3/7/95
Review Date: / /
Report Date: 03/29/94
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 03/29/94
How Discovered: Tank Closure
Discovered Date: 04/26/94
Case Number: 10368
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 01/25/95
Facility Staff: CDM
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 03/07/95
Abatement: Excavate and Dispose (landfill) of soil
Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: 10018
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: SCOTT ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

2000 BEACH ST APTS (Continued)

S103890832

TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported
 CORTESE:
 Region: CORTESE
 Fac Address 2: 2000 BEACH ST

AS169 MARINA GREEN HOA
East 3825 SCOTT ST
> 1 SAN FRANCISCO, CA 94123
5992 ft.

LUST S102432999
Cortese N/A

Site 4 of 11 in cluster AS

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0598
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/7/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/19/1992
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10435
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 14 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MARINA GREEN HOA (Continued)

S102432999

Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500521
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10435
Facility Id: 38-0598
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0598
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.805233 / 122.441008
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 6/13/95
Number of Wells: 0
Cross Street: PRADO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/20/95
Closed Date: 8/7/95
Review Date: / /
Report Date: 06/13/95
Leak Source: Not reported
Leak Cause: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MARINA GREEN HOA (Continued)

S102432999

How Stopped:	Not reported
Stopped Date:	/ /
How Discovered:	Not reported
Discovered Date:	10/19/92
Case Number:	10435
Staff Initial:	VP
Substance:	Gasoline
Substance Qty:	Not reported
Interim Remediation:	Not reported
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	Not reported
Maximum Soil GW:	Not reported
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	1
Reg Board:	2
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Entered Date:	07/20/95
Facility Staff:	AL
Facility Status:	9
Funding:	Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	/ /
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Case Closed:	08/07/95
Abatement:	Not reported
CUFID:	Not reported
Beneficial Use:	No
Suspended:	No
Program:	LOP
Cross Street:	PRADO ST
Benzene Test:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	/ /
Block:	Not reported
Lot:	Not reported
TPH Current:	Not reported
TPH Current Date:	Not reported
MTBE Current:	Not reported
MTBE Current Date:	Not reported
Ground Water Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	9/3/92 [leak
 CORTESE:	
Region:	CORTESE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MARINA GREEN HOA (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Fac Address 2: 3825 SCOTT ST

S102432999

AS170 **3835 SCOTT ST HOA**
East **3835 SCOTT ST**
> 1 **SAN FRANCISCO, CA 94123**
5993 ft.

HAZNET **S103890916**
LUST **N/A**
Cortese

Site 5 of 11 in cluster AS

Relative:
Lower

State LUST:

Actual:
13 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0877
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/3/97 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 11/03/1992
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10793
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607500772
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

3835 SCOTT ST HOA (Continued)

S103890916

Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10793
Facility Id: 38-0877
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0877
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/7/92
Number of Wells: 0
Cross Street: JEFFERSON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/20/97
Closed Date: 4/3/97
Review Date: / /
Report Date: 10/07/92
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Remove Contents
Stopped Date: 09/09/92
How Discovered: Not reported
Discovered Date: 11/03/92
Case Number: 10793
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: N

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

3835 SCOTT ST HOA (Continued)

S103890916

Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 03/20/97
Facility Staff: SC
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: 9/9/92
Monitoring Begun: Not reported
Case Closed: 04/03/97
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: JEFFERSON ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 10/7/92 [leak

HAZNET:

Gepaid: CAC002557568
TSD EPA ID: Not reported
Gen County: San Francisco
Tsd County: Santa Clara
Tons: 0.21
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: SHEILA GOKEY
Telephone: (415) 559-1510
Mailing Address: 2317 BROADWAY #330

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

3835 SCOTT ST HOA (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103890916

County REDWOOD CITY, CA 94063
Not reported
CORTESE:
Region: CORTESE
Fac Address 2: 3835 SCOTT ST

**AT171
SSE
> 1
5995 ft.**

**LOCUST CLEANERS
3587 SACRAMENTO STREET
SAN FRANCISCO, CA 94118**

**FINDS 1004440445
CLEANERS 110001182906
EMI**

Site 1 of 2 in cluster AT

**Relative:
Higher**

FINDS:
Other Pertinent Environmental Activity Identified at Site:
National Emissions Inventory
National Emissions Trends
National Toxics Inventory

**Actual:
291 ft.**

CA Cleaners:

Inactive Date: Not reported
EPA Id: CAL000012947
Facility Address 2 Not reported
NAICS Code : Not reported
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 3585 SACRAMENTO ST
SAN FRANCISCO, CA 94118
Owner Name : LOW ROGER
Mailing Address: 3585 SACRAMENTO ST
SF, CA 94118
Owner Telephone 4153469271
Contact Name : ROGER LOW
Mailing Address: 3585 SACRAMENTO ST
SAN FRANCISCO, CA 94118
Contact Telephone 4153469271
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

EMISSIONS :

Facility ID : 867
Air District Code : BA
SIC Code : 7216
Total Priority Score : Not reported
Health Risk Assessment : Not reported
Non-cancer Chronic Haz Index : Not reported
Non-cancer Acute Haz Index : Not reported
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 38
County ID : 38

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AS172
East
> 1
5996 ft.

RESIDENCE
1801 JEFFERSON STREET
SAN FRANCISCO, CA 94123

LUST **S105248030**
N/A

Relative:
Lower

Site 6 of 11 in cluster AS

Actual:
12 ft.

State LUST:

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1043
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/13/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/17/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11002
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500936
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105248030

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Case Number: 11002
Facility Id: 38-1043
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:
Facility ID: 38 1043
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/17/98
Number of Wells: Not reported
Cross Street: SCOTT ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/1/98
Closed Date: 7/13/98
Review Date: / /
Report Date: 04/17/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 04/23/98
How Discovered: Tank Closure
Discovered Date: 04/17/98
Case Number: 11002
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248030

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 07/01/98
 Facility Staff: AL
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/13/98
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: SCOTT ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

AS173
 East
 > 1
 5996 ft.
 Relative:
 Lower
 Actual:
 12 ft.

RESIDENCE
1801 JEFFERSON ST
SAN FRANCISCO, CA 94123
 Site 7 of 11 in cluster AS

HAZNET **S103995988**
Cortese **N/A**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103995988

HAZNET:

Gepaid: CAC001403992
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 4.7955
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: WILLIAM O'BRIEN
 Telephone: (000) 000-0000
 Mailing Address: 1590 GRANADA DR
 BURLINGAME, CA 94010
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 1801 JEFFERSON ST

AS174
East
> 1
5998 ft.

1X MR. & MRS. WILLIAM SCHOEPP
3750 SCOTT STREET
SAN FRANCISCO, CA 94123

HAZNET S102436577
LUST N/A

Site 8 of 11 in cluster AS

Relative:
Lower

State LUST:

Actual:
15 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0825
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/30/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/24/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10706
 Beneficial: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

1X MR. & MRS. WILLIAM SCHOEPP (Continued)

S102436577

Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500721
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10706
Facility Id: 38-0825
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0825
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/3/96
Number of Wells: 0
Cross Street: BEACH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

1X MR. & MRS. WILLIAM SCHOEPP (Continued)

S102436577

Enforcement Due Date: / /
NOR Date: 10/10/96
Closed Date: 10/30/96
Review Date: / /
Report Date: 09/03/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 07/29/96
How Discovered: Tank Closure
Discovered Date: 09/24/96
Case Number: 10706
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 10/10/96
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/30/96
Abatement: Excavate and Dispose (landfill) of soil
Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
Pump and Treat Ground Water
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: BEACH ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

1X MR. & MRS. WILLIAM SCHOEPP (Continued)

S102436577

TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 9/3/96 [leak

HAZNET:

Gepaid: CAC000220089
TSD EPA ID: CAD008302903
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .2293
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Contact: MR. & MRS. WILLIAM SCHOEPP
Telephone: (000) 000-0000
Mailing Address: SOUTH SAN FRANCISCO, CA 94080
County: San Francisco

AS175
East
> 1
5998 ft.

SCHOEPP PROPERTY
3750 SCOTT ST
SAN FRANCISCO, CA 94123

HAZNET S103656094
Cortese N/A

Site 9 of 11 in cluster AS

Relative:
Lower

HAZNET:

Gepaid: CAC001234320
TSD EPA ID: CAD980887418
Gen County: San Francisco
Tsd County: 1
Tons: 2.0016
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: SCHOEPP PROPERTIES
Telephone: (000) 000-0000
Mailing Address: 3750 SCOTT ST #302
SAN FRANCISCO, CA 94123
County: San Francisco

Actual:
15 ft.

CORTESE:

Region: CORTESE
Fac Address 2: 3750 SCOTT ST

AS176
East
> 1
6005 ft.

RESIDENTIAL APARTMENT
5 PRADO ST
SAN FRANCISCO, CA 94123

Cortese S103472648
N/A

Site 10 of 11 in cluster AS

Relative:
Lower

CORTESE:

Region: CORTESE
Fac Address 2: 5 PRADO ST

Actual:
13 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AS177 **RESIDENTIAL APT.**
East **5 PRADO STREET**
> 1 **SAN FRANCISCO, CA 94123**
6005 ft.

LUST **S104657167**
 N/A

Site 11 of 11 in cluster AS

Relative:
Lower

State LUST:

Actual:
13 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1226
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/8/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/16/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11115
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended : Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607501111
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657167

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11115
Facility Id: 38-1226
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1226
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/16/98
Number of Wells: Not reported
Cross Street: CERVANTES
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/7/98
Closed Date: 12/8/98
Review Date: / /
Report Date: 10/16/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 10/16/98
How Discovered: Tank Closure
Discovered Date: 10/16/98
Case Number: 11115
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657167

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Robert Gerstenkorn
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 12/07/98
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 12/07/98
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 12/08/98
 Abatement: Excavate and Dispose (landfill) of soil
 Pump and Treat Ground Water
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: CERVANTES
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 1500 gallon

AR178 RESIDENCE
SE 3070 PACIFIC AVE
> 1 SAN FRANCISCO, CA 94115
6006 ft.

HAZNET S103975486
LUST N/A
Cortese

Site 3 of 5 in cluster AR

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1177
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency

**Actual:
 380 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103975486

Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 10/1/98 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 06/26/1998
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11054
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501064
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:

Region: 2
Case Number: 11054
Facility Id: 38-1177
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103975486

Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1177
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 6/30/98
Number of Wells: Not reported
Cross Street: LYON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/30/98
Closed Date: 10/1/98
Review Date: / /
Report Date: 06/30/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 06/22/98
How Discovered: Subsurface Monitoring
Discovered Date: 06/26/98
Case Number: 11054
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Louis Sloss 818
RP Address: Not reported
Operator: Not reported
Entered Date: 09/30/98
Facility Staff: SC

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103975486

Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/01/98
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: LYON ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAC001463080
TSD EPA ID: CAL000161743
Gen County: San Francisco
Tsd County: Santa Clara
Tons: 6.2550
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Contact: LOUIS SLOSS
Telephone: (707) 527-8800
Mailing Address: 818 CHERRY ST
SANTA ROSA, CA 95404
County: San Francisco
Gepaid: CAC001463080
TSD EPA ID: CAL000161743
Gen County: San Francisco
Tsd County: Santa Clara
Tons: 1.0425
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Contact: LOUIS SLOSS
Telephone: (707) 527-8800
Mailing Address: 818 CHERRY ST
SANTA ROSA, CA 95404

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103975486

County San Francisco
 Gepaid: CAC001463080
 TSD EPA ID: CA1000161743
 Gen County: San Francisco
 Tsd County: 0
 Tons: 6.2550
 Waste Category: Waste oil and mixed oil
 Disposal Method: Not reported
 Contact: LOUIS SLOSS
 Telephone: (707) 527-8800
 Mailing Address: 818 CHERRY ST
 SANTA ROSA, CA 95404
 County San Francisco
 CORTESE:
 Region: CORTESE
 Fac Address 2: 3070 PACIFIC AVE

**AM179
 ENE
 > 1
 6013 ft.**

**3950 SCOTT ST.
 SAN FRANCISCO, CA 0**

**CHMIRS S105670101
 N/A**

Site 3 of 4 in cluster AM

**Relative:
 Lower**

CHMIRS:
 OES Control Number: 01-7121
 Chemical Name: Diesel;;;
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported
 Agency Id Number : Not reported
 Agency Incident Number : Not reported
 OES Incident Number : 01-7121
 Time Notified : Not reported
 Surrounding Area : Not reported
 Estimated Temperature : Not reported
 Property Management : Not reported
 More Than Two Substances Involved? : Not reported
 Special Studies 1 : Not reported
 Special Studies 2 : Not reported
 Special Studies 3 : Not reported
 Special Studies 4 : Not reported
 Special Studies 5 : Not reported
 Special Studies 6 : Not reported
 Responding Agency Personel # Of Injuries : Not reported
 Responding Agency Personel # Of Fatalities : 0
 Resp Agncy Personel # Of Decontaminated : Not reported
 Others Number Of Decontaminated : Not reported
 Others Number Of Injuries : Not reported
 Others Number Of Fatalities : Not reported
 Vehicle Make/year : Not reported
 Vehicle License Number : Not reported
 Vehicle State : Not reported
 Vehicle Id Number : Not reported
 CA/DOT/PUC/ICC Number : Not reported
 Company Name : Not reported
 Reporting Officer Name/ID : Not reported

**Actual:
 8 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105670101

Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	Yes
Waterway :	San Francisco Bay
Spill Site :	Waterways
Cleanup By :	Unknown
Containment :	Unknown
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	12/9/200108:51:49 AM
Evacuations :	0
True date :	12/31/03
Year :	2001
Agency :	San Francisco Yacht Harbor
BBLs :	0
Cups :	0
CUFT :	0
Gallons :	0
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	20
Tons :	0
Unknown :	0.000000
Description :	Unknown source. Orphan seen sighted inside the Yacht Harbor.
Incident date :	12/9/200112:00:00 AM
Admin Agency :	San Francisco County Health Department
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

AU180 3436 CLAY ST HOA
SE 3436 CLAY ST
 > 1 SAN FRANCISCO, CA 94123
 6019 ft.

HAZNET S102423434
LUST N/A
Cortese

Site 1 of 2 in cluster AU

Relative:
 Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0709
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported

Actual:
 312 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

3436 CLAY ST HOA (Continued)

S102423434

Monitoring: Not reported
Close Date: 12/21/95 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 06/02/1995
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10572
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500618
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10572
Facility Id: 38-0709
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

3436 CLAY ST HOA (Continued)

S102423434

Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0709
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.788992 / 122.448313
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/5/95
Number of Wells: 0
Cross Street: WALNUT
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/11/95
Closed Date: 12/21/95
Review Date: / /
Report Date: 04/05/95
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 04/05/95
How Discovered: Tank Closure
Discovered Date: 06/02/95
Case Number: 10572
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 12/11/95
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 12/21/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

3436 CLAY ST HOA (Continued)

S102423434

Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/21/95
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: WALNUT
Benzene Test: Not reported
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 1500
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAC000931632
TSD EPA ID: CAD083166728
Gen County: San Francisco
Tsd County: Stanislaus
Tons: 7.3392
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 3436 CLAY ST
SAN FRANCISCO, CA 94118 - 2041
County: San Francisco

Gepaid: CAC000931632
TSD EPA ID: CAD004771168
Gen County: San Francisco
Tsd County: San Francisco
Tons: .7500
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 3436 CLAY ST
SAN FRANCISCO, CA 94118 - 2041
County: San Francisco

CORTESE:

Region: CORTESE
Fac Address 2: 3436 CLAY ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AU181 **HOMEOWNERS ASSOCIATION**
SE **3435 CLAY ST**
> 1 **SAN FRANCISCO, CA 94118**
6022 ft.

LUST **S102431463**
Cortese **N/A**

Site 2 of 2 in cluster AU

Relative:
Higher

State LUST:

Actual:
312 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0823
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/12/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 08/29/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10684
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500719
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HOMEOWNERS ASSOCIATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102431463

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Case Number: 10684
Facility Id: 38-0823
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:
Facility ID: 38 0823
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/30/96
Number of Wells: 0
Cross Street: WALNUT
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/6/96
Closed Date: 9/12/96
Review Date: / /
Report Date: 08/30/96
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 07/28/93
How Discovered: Tank Closure
Discovered Date: 08/29/96
Case Number: 10684
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

HOMEOWNERS ASSOCIATION (Continued)

S102431463

MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 09/06/96
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/12/96
Abatement: Excavate and Dispose (landfill) of soil
Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: WALNUT
Benzene Test: Not reported
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 760
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported
CORTESE:
Region: CORTESE
Fac Address 2: 3435 CLAY ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AV182 CALIFORNIA PACIFIC MED. CTR. CAL. CAMPUS
SSE 3700 CALIFORNIA ST
> 1 SAN FRANCISCO, CA 94118
6023 ft.

HAZNET S100932480
EMI N/A

Site 1 of 2 in cluster AV

**Relative:
 Higher**

HAZNET:

**Actual:
 248 ft.**

Gepaid: CAD981581911
 TSD EPA ID: CAD050806850
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .1042
 Waste Category: Detergent and soap
 Disposal Method: Transfer Station
 Contact: CALIF PACIFIC MEDICAL CENTER
 Telephone: (000) 000-0000
 Mailing Address: PO BOX 7999
 SAN FRANCISCO, CA 94120
 County San Francisco

Gepaid: CAD981581911
 TSD EPA ID: CAD050806850
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .2502
 Waste Category:
 Disposal Method: Recycler
 Contact: CALIF PACIFIC MEDICAL CENTER
 Telephone: (000) 000-0000
 Mailing Address: PO BOX 7999
 SAN FRANCISCO, CA 94120
 County San Francisco

Gepaid: CAD981581911
 TSD EPA ID: CAD050806850
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .1042
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Transfer Station
 Contact: CALIF PACIFIC MEDICAL CENTER
 Telephone: (000) 000-0000
 Mailing Address: PO BOX 7999
 SAN FRANCISCO, CA 94120
 County San Francisco

Gepaid: CAD981581911
 TSD EPA ID: CAD050806850
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .0050
 Waste Category: Unspecified aqueous solution
 Disposal Method: Treatment, Tank
 Contact: CALIF PACIFIC MEDICAL CENTER
 Telephone: (000) 000-0000
 Mailing Address: PO BOX 7999
 SAN FRANCISCO, CA 94120
 County San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CALIFORNIA PACIFIC MED. CTR. CAL. CAMPUS (Continued)

S100932480

Gepaid: CAD981581911
 TSD EPA ID: CAD050806850
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .0900
 Waste Category: Other inorganic solid waste
 Disposal Method: Recycler
 Contact: CALIF PACIFIC MEDICAL CENTER
 Telephone: (000) 000-0000
 Mailing Address: PO BOX 7999
 SAN FRANCISCO, CA 94120
 County San Francisco

[Click this hyperlink](#) while viewing on your computer to access
 78 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :

Facility ID : 7264
 Air District Code : BA
 SIC Code : 8062
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

**AJ183
 ESE
 > 1
 6022 ft.**

**RESIDENTIAL PROPERTY
 2684 GREEN STREET
 SAN FRANCISCO, CA 94108**

**LUST S106117963
 N/A**

Site 4 of 4 in cluster AJ

**Relative:
 Higher**

State LUST:
 Cross Street: DIVISADERO
 Qty Leaked: 0
 Case Number 38-2257
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 10/24/03 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/30/04 0:00
 Release Date: 11/03/2003
 Cleanup Fund Id : Not reported
 Discover Date : 10/24/2003
 Enforcement Dt : Not reported
 Enf Type: CLOS
 Enter Date : Not reported

**Actual:
 164 ft.**

Confirm Leak: 10/24/03 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL PROPERTY (Continued)

S106117963

Funding: Not reported
Staff Initials: SC
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11596
Beneficial: Not reported
Staff : GVL
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : 10/24/2003
Work Suspended :Not reported
Responsible Party:GEORGE DOUBLEDAY
RP Address: 2684 GREEN STREET
Global Id: T0607580496
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11596
Facility Id: 38-2257
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 10/24/2003
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AV184
SSE
 > 1
 6029 ft.

APARTMENTS
3715 CALIFORNIA ST
SAN FRANCISCO, CA 94118

LUST **S105027573**
N/A

Site 2 of 2 in cluster AV

Relative:
Higher

State LUST:

Actual:
248 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-2074	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	6/1/01 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/08/2001		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11448		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607591857		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENTS (Continued)

S105027573

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11448
Facility Id: 38-2074
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 201 011
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Maple
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: LOBOS
Enforcement Type: NOR
Enforcement Due Date: 06/06/01
NOR Date: Not reported
Closed Date: Not reported
Review Date: 06/08/01
Report Date: 06/01/01
Leak Source: Tank
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 05/08/01
How Discovered: Tank Closure
Discovered Date: 05/08/01
Case Number: 11448
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENTS (Continued)

S105027573

MTBE DATE: / /
 Max Soil Concentration: 0.01
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Gene Marchi
 Entered Date: 06/06/01
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 05/08/01
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/14/01
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: Maple
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 1100
 TPH Date: 05/08/01
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: TPHdiesel =1100

AM185 DILL PROPERTY
ENE 501 MARINA BLVD
> 1 SAN FRANCISCO, CA 94115
6030 ft.

HAZNET S102428818
LUST N/A
Cortese

Site 4 of 4 in cluster AM

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0716
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 38000L

**Actual:
 4 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DILL PROPERTY (Continued)

S102428818

Case Type:	Soil only	Confirm Leak:	Not reported
Status:	Case Closed	Prelim Assess:	Not reported
Review Date:	Not reported	Remed Plan:	Not reported
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	12/21/95 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	11/09/1995		
Enforcement Dt :	Not reported		
Enf Type:	2A		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	10575		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500625		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10575
Facility Id:	38-0716
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)
 EDR ID Number
 EPA ID Number

DILL PROPERTY (Continued)

S102428818

Date Leak Confirmed:	Not reported
Prelim. Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

LUST San Francisco County:

Facility ID:	38 0716
Region:	SAN FRANCISCO
Notify:	False
Lat/Long:	37.805824 / 122.441163
Priority:	Unranked by RWQCB
Case Type:	Soil only
Release Date:	10/27/95
Number of Wells:	0
Cross Street:	SCOTT ST
Free Product:	No
Amount of Free Product:	Not reported
MTBE:	NT
Benzene:	Not reported
Depth to Groundwater:	Not reported
Gradient:	Not reported
Primary Substance:	FUEL OIL NOS. 1 6
Basin:	Downtown Basin
Enforcement Type:	2A
Enforcement Due Date:	/ /
NOR Date:	12/14/95
Closed Date:	12/21/95
Review Date:	/ /
Report Date:	10/27/95
Leak Source:	Tank
Leak Cause:	Overfill
How Stopped:	Not reported
Stopped Date:	/ /
How Discovered:	Tank Closure
Discovered Date:	11/09/95
Case Number:	10575
Staff Initial:	VP
Substance:	Gasoline
Substance Qty:	Not reported
Interim Remediation:	Not reported
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	Not reported
Maximum Soil GW:	Not reported
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	2A
Reg Board:	2
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Entered Date:	12/14/95
Facility Staff:	SC
Facility Status:	9

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DILL PROPERTY (Continued)

S102428818

Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 12/29/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/21/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: SCOTT ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAC000754104
TSD EPA ID: CAD083166728
Gen County: San Francisco
Tsd County: Stanislaus
Tons: 3.3360
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: MARSHALL DILL JR
Telephone: (415) 921-4778
Mailing Address: 501 MARINA BLVD
SAN FRANCISCO, CA 94123
County: San Francisco
Gepaid: CAC000754104
TSD EPA ID: CAD004771168
Gen County: San Francisco
Tsd County: San Francisco
Tons: .7500
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: MARSHALL DILL JR
Telephone: (415) 921-4778
Mailing Address: 501 MARINA BLVD
SAN FRANCISCO, CA 94123
County: San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

DILL PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S102428818

CORTESE:
 Region: CORTESE
 Fac Address 2: 501 MARINA BLVD

AL186
 East
 > 1
 6043 ft.

RESIDENTIAL APARTMENTS
2100 BAY ST
SAN FRANCISCO, CA 94123

HAZNET S103641257
Cortese N/A

Site 2 of 3 in cluster AL

Relative:
Lower

HAZNET:
 Gepaid: CAC001215648
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 1.8765
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recyclcr
 Contact: KOPPL RUDOLPH
 Telephone: (415) 931-1440
 Mailing Address: PO BOX 471300
 SAN FRANCISCO, CA 94147
 County San Francisco

Actual:
17 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 2100 BAY ST

AL187
 East
 > 1
 6043 ft.

RESIDENTIAL
2100 BAY ST
SAN FRANCISCO, CA 94123

LUST S105077620
N/A

Site 3 of 3 in cluster AL

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0818
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/17/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 07/05/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
17 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S105077620

How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10686
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500714
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10686
Facility Id: 38-0818
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0818
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/23/96

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RESIDENTIAL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105077620

Number of Wells: 0
Cross Street: SCOTT ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/16/96
Closed Date: 9/17/96
Review Date: / /
Report Date: 08/23/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 06/17/96
How Discovered: Tank Closure
Discovered Date: 07/05/96
Case Number: 10686
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 09/16/96
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/17/96
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL (Continued)

S105077620

Cross Street: SCOTT ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: 6000
 Max TPH Soil: 430
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

AR188 THEO T. SCHWABACHER ESTATE
SE 3050 PACIFIC AVE.
> 1 SAN FRANCISCO, CA 94115
6063 ft.

LUST S100875833
N/A

Site 4 of 5 in cluster AR

**Relative:
 Higher**

**Actual:
 371 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0687
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 9/1/93 0:00
 Workplan: Not reported
 Pollution Char: 1/15/03 0:00
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/24/03 0:00
 Release Date: 09/03/1993
 Cleanup Fund Id : Not reported
 Discover Date : 09/03/1993
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10256
 Beneficial: Not reported
 Staff : VP

Confirm Leak: 9/1/93 0:00
 Prelim Assess: Not reported
 Remed Plan: 1/15/03 0:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

THEO T. SCHWABACHER ESTATE (Continued)

S100875833

GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500598
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10256
Facility Id: 38-0687
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: 9/1/1993
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: 1/15/2003
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0687
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.792181 / 122.444273
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/1/93
Number of Wells: 0
Cross Street: LYON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

THEO T. SCHWABACHER ESTATE (Continued)

S100875833

NOR Date: 4/22/94
Closed Date: Not reported
Review Date: 11/27/02
Report Date: 09/01/93
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Not reported
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 09/03/93
Case Number: 10256
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: DEAN WITTER
RP Address: Not reported
Operator: Not reported
Entered Date: 04/22/94
Facility Staff: AL
Facility Status: 1
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/01/96
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: / /
Abatement: Not reported
CUFID: 8771
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: LYON ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

THEO T. SCHWABACHER ESTATE (Continued)

S100875833

Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 1584 ppm of TPH G

AR189
SE
 > 1
6063 ft.

THEO SCHWABACHER ESTATE
3050 PACIFIC AVE
SAN FRANCISCO, CA 94115

Cortese **S102436592**
N/A

Site 5 of 5 in cluster AR

Relative:
Higher

CORTESE:
 Region: **CORTESE**
 Fac Address 2: **3050 PACIFIC AVE**

Actual:
371 ft.

AT190
SSE
 > 1
6094 ft.

BOTTA S AUTO BODY
3536 SACRAMENTO STREET
SAN FRANCISCO, CA 94118

FINDS **1005773922**
EMI **110010469420**

Site 2 of 2 in cluster AT

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Emissions Trends

Actual:
295 ft.

EMISSIONS :
 Facility ID : 10578
 Air District Code : BA
 SIC Code : 7532
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

AW191
East
 > 1
6096 ft.

HICKS PROPERTY
2201 FRANCISCO ST
SAN FRANCISCO, CA 94123

HAZNET **S103642670**
Cortese **N/A**

Site 1 of 3 in cluster AW

Relative:
Lower

HAZNET:
 Gepaid: CAC001306904
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.0425
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: CHARLOTTE A HICKS
 Telephone: (000) 000-0000
 Mailing Address: 999 GREEN ST STE 901

Actual:
18 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HICKS PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

County SAN FRANCISCO, CA 94133
 San Francisco
 CORTESE:
 Region: CORTESE
 Fac Address 2: 2201 FRANCISCO ST

S103642670

AW192
East
> 1
6096 ft.

HICKS RESIDENCE
2201 FRANCISCO STREET
SAN FRANCISCO, CA 94123

LUST S103177197
N/A

Site 2 of 3 in cluster AW

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0978
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/2/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/16/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10926
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
18 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HICKS RESIDENCE (Continued)

S103177197

RP Address: Not reported
Global Id: T0607500871
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10926
Facility Id: 38-0978
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0978
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/31/97
Number of Wells: Not reported
Cross Street: SCOTT ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/19/98
Closed Date: 3/2/98
Review Date: / /
Report Date: 10/31/97
Leak Source: Other Source
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 01/16/98

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HICKS RESIDENCE (Continued)

S103177197

Case Number: 10926
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: CHARLOTTE HICKS
RP Address: Not reported
Operator: Not reported
Entered Date: 02/19/98
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 03/02/98
Abatement: Excavate and Dispose (landfill) of soil
Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: SCOTT ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

193
South
> 1
6102 ft.

LUCKY CLEANERS
4401 CALIFORNIA STREET
SAN FRANCISCO, CA 94118

EMI S105938513
N/A

Relative:
Higher

EMISSIONS :
 Facility ID : 8661
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

Actual:
177 ft.

AP194
SE
> 1
6115 ft.

WAGNER PROPERTY
3300 WASHINGTON ST
SAN FRANCISCO, CA

LUST S102441021
Cortese N/A

Relative:
Higher

Site 5 of 5 in cluster AP

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0768
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/24/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 02/23/1993
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10637
 Beneficial: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
327 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WAGNER PROPERTY (Continued)

S102441021

Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500668
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10637
Facility Id: 38-0768
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0768
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.790169 / 122.446381
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 3/30/93
Number of Wells: 0
Cross Street: PRESIDIO
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WAGNER PROPERTY (Continued)

S102441021

Enforcement Due Date: / /
NOR Date: 5/16/96
Closed Date: 5/24/96
Review Date: / /
Report Date: 03/30/93
Leak Source: Unknown
Leak Cause: Overfill
How Stopped: Close Tank
Stopped Date: 12/02/92
How Discovered: Tank Closure
Discovered Date: 02/23/93
Case Number: 10637
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/16/96
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 05/24/96
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 05/24/96
Abatement: Excavate and Dispose (landfill) of soil
CUFID: 7296
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: PRESIDIO
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

WAGNER PROPERTY (Continued)

EDR ID Number
 EPA ID Number

S102441021

MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 3300 WASHINGTON ST

AW195
East
> 1
6135 ft.

RESIDENCE
290 ALHAMBRA ST
SAN FRANCISCO, CA 94123

HAZNET **S103952163**
LUST **N/A**
Cortese

Site 3 of 3 in cluster AW

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1023
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/5/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/01/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10981
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
18 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103952163

Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500916
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10981
Facility Id: 38-1023
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1023
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 3/25/98
Number of Wells: Not reported
Cross Street: CERVANTES ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 6/3/98
Closed Date: 6/5/98
Review Date: / /
Report Date: 03/25/98
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Repair Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103952163

Stopped Date: 03/26/98
How Discovered: Tank Closure
Discovered Date: 04/01/98
Case Number: 10981
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 06/03/98
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 06/05/98
Abatement: Pump and Treat Ground Water
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: CERVANTES ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103952163

HAZNET:

Gepaid: CAC001414136
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 4.3785
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: BEART HEART PROPERTIES LTD
 Telephone: (000) 000-0000
 Mailing Address: 4631 FELIZ CREEK RD
 HOPLAND, CA 95449
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 290 ALHAMBRA ST

**196
 ENE
 > 1
 6158 ft.**

**RESIDENCE
 485 MARINA BLVD.
 SAN FRANCISCO, CA 94123**

**LUST S105027563
 N/A**

**Relative:
 Lower**

State LUST:

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2053
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/21/01 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 03/08/2001
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Medium priority
 Local Case # : 11438
 Beneficial: Not reported
 Staff : VP

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 6 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105027563

GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607591852
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11438
Facility Id: 38-2053
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 201 001
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Moderate Priority Site
Case Type: Other ground water affected
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Cervantes Blvd.
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: MARINA BASIN
Enforcement Type: NOR
Enforcement Due Date: 04/10/01

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105027563

NOR Date: Not reported
Closed Date: Not reported
Review Date: / /
Report Date: 03/21/01
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 03/08/01
How Discovered: Tank Closure
Discovered Date: 03/08/01
Case Number: 11438
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 03/19/01
Max Soil Concentration: Not reported
Maximum Soil GW: 0.002
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Mary Saxe
Entered Date: 04/10/01
Facility Staff: MA
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/08/01
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 04/26/01
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Cervantes Blvd.
Benzene Test: YES
TPH Tested: YES
Max TPH GW: 0.18
Max TPH Soil: Not reported
TPH Date: 03/09/01
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105027563

Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**AX197
 SE
 > 1
 6177 ft.**

**APARTMENT BUILDING
 3015 PACIFIC AVE
 SAN FRANCISCO, CA 94115**

**LUST S104889618
 N/A**

Site 1 of 3 in cluster AX

**Relative:
 Higher**

**Actual:
 358 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-2049
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2/13/01 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 12/14/2000
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11434
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607591192

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

APARTMENT BUILDING (Continued)

S104889618

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11434
Facility Id: 38-2049
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 101 012
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Baker
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: DOWNTOWN
Enforcement Type: NOR
Enforcement Due Date: 02/15/01
NOR Date: Not reported
Closed Date: Not reported
Review Date: 02/22/01
Report Date: 02/13/01
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 12/14/00
How Discovered: Tank Closure
Discovered Date: 12/14/00
Case Number: 11434
Staff Initial: VP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENT BUILDING (Continued)

S104889618

Substance:	Gasoline
Substance Qty:	Not reported
Interim Remediation:	N
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	12/14/00
Max Soil Concentration:	0.008
Maximum Soil GW:	Not reported
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	Not reported
Reg Board:	2
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Charles Hobson
Entered Date:	02/15/01
Facility Staff:	SC
Facility Status:	9
Funding:	Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	12/14/00
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Case Closed:	02/22/01
Abatement:	Excavate and Dispose (landfill) of soil
CUFID:	Not reported
Beneficial Use:	No
Suspended:	No
Program:	LOP
Cross Street:	Baker
Benzene Test:	YES
TPH Tested:	YES
Max TPH GW:	Not reported
Max TPH Soil:	10000
TPH Date:	12/14/00
Block:	Not reported
Lot:	Not reported
TPH Current:	Not reported
TPH Current Date:	Not reported
MTBE Current:	Not reported
MTBE Current Date:	Not reported
Ground Water Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Database(s)
 EDR ID Number
 EPA ID Number

AY198
SE
 > 1
 6180 ft.

RESIDENTIAL APARTMENT
3080 JACKSON ST
SAN FRANCISCO, CA 94115

Cortese **S103472607**
 N/A

Site 1 of 6 in cluster AY

Relative:
Higher

Actual:
 337 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 3080 JACKSON ST

AY199
SE
 > 1
 6180 ft.

RESIDENTIAL APT.
3080 JACKSON STREET
SAN FRANCISCO, CA 94115

LUST **S104657172**
 N/A

Site 2 of 6 in cluster AY

Relative:
Higher

Actual:
 337 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1232
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/15/98 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 10/09/1998
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 11119
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657172

Responsible Party: Not reported
RP Address: Not reported
Global Id: T0607501117
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11119
Facility Id: 38-1232
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1232
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/9/98
Number of Wells: Not reported
Cross Street: BAKER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/14/98
Closed Date: 12/15/98
Review Date: / /
Report Date: 10/09/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 10/09/98
How Discovered: Tank Closure

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657172

Discovered Date: 10/09/98
Case Number: 11119
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Schmid Family
RP Address: Not reported
Operator: Not reported
Entered Date: 12/14/98
Facility Staff: al
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/15/98
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: BAKER ST
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 1500 gallon

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AZ200
SSE
 > 1
 6199 ft.

EVELYN GAINES
42-44 PALM AVE
SAN FRANCISCO, CA 94118

HAZNET
LUST **S103963581**
 N/A

Site 1 of 2 in cluster AZ

Relative:
Higher

State LUST:

Actual:
212 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1178
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/15/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 08/20/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11058
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501065
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

EVELYN GAINES (Continued)

S103963581

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:
 Region: 2
 Case Number: 11058
 Facility Id: 38-1178
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

HAZNET:
 Gepaid: CAC001172520
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: .2293
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: EVELYN GAINES
 Telephone: (415) 221-9629
 Mailing Address: 42-44 PALM AVE
 SAN FRANCISCO, CA 94118
 County: San Francisco

**BA201
 ESE
 > 1
 6205 ft.**

**RESIDENCE
 2786 VALLEJO ST
 SAN FRANCISCO, CA 94123**

**HAZNET S103649002
 Cortese N/A**

Site 1 of 2 in cluster BA

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001111928
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 2.0850
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: KEITH BILTER
 Telephone: (415) 395-9700
 Mailing Address: 425 CALIFORNIA ST
 SAN FRANCISCO, CA 94104
 County: San Francisco

**Actual:
 208 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2786 VALLEJO ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BA202 RESIDENCE
ESE 2786 VALLEJO STREET
> 1 SAN FRANCISCO, CA 94123
6205 ft.

LUST S105248063
N/A

Relative:
Higher

Site 2 of 2 in cluster BA

State LUST:

Actual:
208 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0861
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/9/97 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 12/03/1996
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10760
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607500756
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248063

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10760
Facility Id: 38-0861
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0861
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 12/3/96
Number of Wells: 0
Cross Street: SCOTT ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 1/3/97
Closed Date: 1/9/97
Review Date: / /
Report Date: 12/03/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 11/06/96
How Discovered: Tank Closure
Discovered Date: 12/03/96
Case Number: 10760
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248063

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 01/03/97
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 01/09/97
 Abatement: Excavate and Dispose (landfill) of soil
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: SCOTT ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 12/3/96 [leak]

203
 ESE
 > 1
 6214 ft.

SAYED PROPERTY
2536 GREENWICH ST
SAN FRANCISCO, CA 94123

HAZNET S102436512
LUST N/A
Cortese

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0648
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 38000L

Actual:
49 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SAYED PROPERTY (Continued)

S102436512

Case Type:	Soil only	Confirm Leak:	Not reported
Status:	Case Closed	Prelim Assess:	Not reported
Review Date:	Not reported	Remed Plan:	Not reported
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	10/2/95 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/18/1995		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	10507		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500567		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10507
Facility Id:	38-0648
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SAYED PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102436512

Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:
Facility ID: 38 0648
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.798392 / 122.440213
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 7/10/95
Number of Wells: 0
Cross Street: SCOTT ST
Free Product: No
Amount of Free Product: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/16/95
Closed Date: 10/2/95
Review Date: / /
Report Date: 07/10/95
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 05/18/95
Case Number: 10507
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 08/16/95
Facility Staff: AL
Facility Status: 9

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SAYED PROPERTY (Continued)

S102436512

Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 08/24/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/02/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: SCOTT ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAC001041240
TSD EPA ID: CAD009466392
Gen County: San Francisco
Tsd County: 7
Tons: 1.5000
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: GARY & LISA L. SAYED
Telephone: (415) 921-5600
Mailing Address: 2536 GREENWICH ST
SAN FRANCISCO, CA 94123
County: San Francisco
Gepaid: CAC001041240
TSD EPA ID: CAD043260702
Gen County: San Francisco
Tsd County: San Mateo
Tons: 5.3167
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: GARY & LISA L. SAYED
Telephone: (415) 921-5600
Mailing Address: 2536 GREENWICH ST
SAN FRANCISCO, CA 94123
County: San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SAYED PROPERTY (Continued)

EDR ID Number
EPA ID Number

S102436512

CORTESE:
Region: CORTESE
Fac Address 2: 2536 GREENWICH ST

**AX204
SE
> 1
6224 ft.**

**MORRIS PROPERTY
2998 PACIFIC AVE
SAN FRANCISCO, CA 94115**

**HAZNET S102433987
Cortese N/A**

Site 2 of 3 in cluster AX

**Relative:
Higher**

HAZNET:
Gepaid: CAC001128328
TSD EPA ID: CAD004771168
Gen County: San Francisco
Tsd County: San Francisco
Tons: .7500
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: RICHARD AND ANN MORRIS
Telephone: (000) 000-0000
Mailing Address: 2998 PACIFIC AVE
SAN FRANCISCO, CA 94115
County San Francisco

**Actual:
354 ft.**

Gepaid: CAC001128328
TSD EPA ID: CAD980887418
Gen County: San Francisco
Tsd County: 1
Tons: 6.3592
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: RICHARD AND ANN MORRIS
Telephone: (000) 000-0000
Mailing Address: 2998 PACIFIC AVE
SAN FRANCISCO, CA 94115
County San Francisco

Gepaid: CAC001128328
TSD EPA ID: CAD083166728
Gen County: San Francisco
Tsd County: Stanislaus
Tons: .2710
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: RICHARD AND ANN MORRIS
Telephone: (000) 000-0000
Mailing Address: 2998 PACIFIC AVE
SAN FRANCISCO, CA 94115
County San Francisco

Gepaid: CAC001128328
TSD EPA ID: CAD083166728
Gen County: San Francisco
Tsd County: Stanislaus
Tons: .2710
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Contact: RICHARD AND ANN MORRIS
Telephone: (000) 000-0000
Mailing Address: 2998 PACIFIC AVE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MORRIS PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

County: SAN FRANCISCO, CA 94115
 San Francisco
 CORTESE:
 Region: CORTESE
 Fac Address 2: 2998 PACIFIC AVE

S102433987

**AX205
 SE
 > 1
 6224 ft.**

**RESIDENCE
 2998 PACIFIC AVE
 SAN FRANCISCO, CA 94115**

**LUST S105248066
 N/A**

Site 3 of 3 in cluster AX

**Relative:
 Higher**

State LUST:

**Actual:
 354 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number:	38-0626	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	7/26/95 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/12/1995		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	10486		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248066

RP Address: Not reported
Global Id: T0607500547
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10486
Facility Id: 38-0626
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0626
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.792277 / 122.443338
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 6/27/95
Number of Wells: 0
Cross Street: BAKER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/19/95
Closed Date: 7/26/95
Review Date: / /
Report Date: 06/27/95
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 05/12/95

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248066

Case Number: 10486
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 07/19/95
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/26/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: BAKER ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 6/27/95 [leak

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

EDR ID Number
 EPA ID Number

AZ206	RESIDENCE		
SSE	42 4 PALM AVE	Cortese	S104396881
> 1	SAN FRANCISCO, CA 94118		N/A
6227 ft.			
	Site 2 of 2 in cluster AZ		
Relative:	CORTESE:		
Higher	Region: CORTESE		
Actual:	Fac Address 2: 42 4 PALM AVE		
212 ft.			

AY207	SF UNIVERSITY HIGH SCHOOL		
SE	3065 JACKSON ST	HAZNET	S102791352
> 1	SAN FRANCISCO, CA 94115	Cortese	N/A
6233 ft.			
	Site 3 of 6 in cluster AY		
Relative:	HAZNET:		
Higher	Gepaid: CAC000074925		
Actual:	TSD EPA ID: CAD982042475		
329 ft.	Gen County: San Francisco		
	Tsd County: Solano		
	Tons: 1.6856		
	Waste Category: Asbestos-containing waste		
	Disposal Method: Disposal, Land Fill		
	Contact: Not reported		
	Telephone: (000) 000-0000		
	Mailing Address: 3065 JACKSON ST		
	SAN FRANCISCO, CA 94115		
	County: San Francisco		
	CORTESE:		
	Region: CORTESE		
	Fac Address 2: 3065 JACKSON ST		

AY208	SF UNIVERSITY HIGH SCHOOL		
SE	3065 JACKSON STREET	LUST	S103723134
> 1	SAN FRANCISCO, CA 94115		N/A
6233 ft.			
	Site 4 of 6 in cluster AY		
Relative:	State LUST:		
Higher	Cross Street: Not reported		
Actual:	Qty Leaked: 0		
329 ft.	Case Number: 38-1276		
	Reg Board: 2		
	Chemical: Heater Fuel		
	Lead Agency: Local Agency		
	Local Agency: 38000L		
	Case Type: Soil only		
	Status: Post remedial action monitoring		
	Review Date: Not reported	Confirm Leak: Not reported	
	Workplan: Not reported	Prelim Assess: Not reported	
	Pollution Char: Not reported	Remed Plan: Not reported	
	Remed Action: Not reported		
	Monitoring: 5/9/97 0:00		
	Close Date: Not reported		
	Release Date: 05/09/1997		
	Cleanup Fund Id: Not reported		
	Discover Date: 05/09/1997		
	Enforcement Dt: Not reported		
	Enf Type: NOR		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SF UNIVERSITY HIGH SCHOOL (Continued)

S103723134

Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11160
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501161
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11160
Facility Id: 38-1276
Facility Status: Post remedial action monitoring
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: 5/9/1997

LUST San Francisco County:

Facility ID: 38 1276
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SF UNIVERSITY HIGH SCHOOL (Continued)

S103723134

Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/9/97
Number of Wells: Not reported
Cross Street: LYON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/16/99
Closed Date: Not reported
Review Date: / /
Report Date: 05/09/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 05/09/97
How Discovered: Tank Closure
Discovered Date: 05/09/97
Case Number: 11160
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: James Chestnut
RP Address: Not reported
Operator: Not reported
Entered Date: 02/16/99
Facility Staff: AL
Facility Status: 8
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/16/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: 2/16/99
Case Closed: / /
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SF UNIVERSITY HIGH SCHOOL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103723134

Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LYON ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**BB209
 SE
 > 1
 6252 ft.**

**RESIDENTIAL APT.
 3460 SACRAMENTO STREET
 SAN FRANCISCO, CA 94118**

**LUST S104657154
 N/A**

Site 1 of 2 in cluster BB

**Relative:
 Higher**

State LUST:

**Actual:
 298 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1184
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/22/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 07/06/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657154

Local Case # : 11064
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501071
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11064
 Facility Id: 38-1184
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1184
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 7/6/98
 Number of Wells: Not reported
 Cross Street: WALNUT ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657154

Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/22/98
Closed Date: 10/22/98
Review Date: / /
Report Date: 07/06/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 07/01/98
How Discovered: Tank Closure
Discovered Date: 07/06/98
Case Number: 11064
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Jim Leetham
RP Address: Not reported
Operator: Not reported
Entered Date: 10/22/98
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/22/98
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: WALNUT ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657154

TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: residential

BB210 RESIDENTIAL APARTMENT
SE 3460 SACRAMENTO ST
> 1 SAN FRANCISCO, CA 94118
6252 ft.

HAZNET S103972140
Cortese N/A

Site 2 of 2 in cluster BB

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001396016
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 3.9448
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: JIM LEETHAM
 Telephone: (415) 668-1202
 Mailing Address: 110 PINE ST STE 500
 SAN FRANCISCO, CA 94111
 County San Francisco

**Actual:
 298 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 3460 SACRAMENTO ST

BC211 MAOINCHI PROPERTY
East 250 AVILA ST
> 1 SAN FRANCISCO, CA 94123
6254 ft.

LUST S102955787
Cortese N/A

Site 1 of 3 in cluster BC

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1011
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/29/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 12/23/1997
 Enforcement Dt : Not reported
 Enf Type: NOR

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 16 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MAOINCHI PROPERTY (Continued)

S102955787

Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10908
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500904
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10908
Facility Id: 38-1011
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1011
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MAOINCHI PROPERTY (Continued)

S102955787

Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 1/14/98
Number of Wells: Not reported
Cross Street: BEACH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 1/23/98
Closed Date: 4/29/98
Review Date: / /
Report Date: 01/14/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 12/23/97
How Discovered: Tank Closure
Discovered Date: 12/23/97
Case Number: 10908
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: DOMINIC MAOINCHI
RP Address: Not reported
Operator: Not reported
Entered Date: 01/23/98
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 04/29/98
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: 12960

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MAOINCHI PROPERTY (Continued)

S102955787

Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BEACH ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 250 AVILA ST

**BD212 RESIDENTIAL APT.
 SE 3241-3247 WASHINGTON STREET
 > 1 SAN FRANCISCO, CA 0
 6260 ft.**

**LUST S106162221
 N/A**

Site 1 of 4 in cluster BD

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1330
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/4/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/06/1999
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 322 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S106162221

MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11219
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501215
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11219
 Facility Id: 38-1330
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

BE213 **WELLS PROPERTY**
SE **3340 CLAY ST**
> 1 **SAN FRANCISCO, CA 94118**
6271 ft.

LUST **S102441143**
Cortese **N/A**

Site 1 of 5 in cluster BE

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0617
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L

Actual:
310 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WELLS PROPERTY (Continued)

S102441143

Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 9/15/98 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 04/17/1995
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11041
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500538
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:

Region: 2
Case Number: 11041
Facility Id: 38-0617
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WELLS PROPERTY (Continued)

S102441143

Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0617
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.789243 / 122.446716
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/28/95
Number of Wells: Not reported
Cross Street: PRESIDIO
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/14/98
Closed Date: 9/15/98
Review Date: / /
Report Date: 04/28/95
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 04/17/95
How Discovered: Tank Closure
Discovered Date: 04/17/95
Case Number: 11041
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Mr. and Mrs. Brad
RP Address: Not reported
Operator: Not reported
Entered Date: 09/14/98
Facility Staff: AL
Facility Status: 9

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WELLS PROPERTY (Continued)

S102441143

Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 01/30/96
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/15/98
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: PRESIDIO
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 332
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: diesel UST
 CORTESE:
 Region: CORTESE
 Fac Address 2: 3340 CLAY ST

BE214 EVANS PROPERTY
SE 3334 CLAY ST
> 1 SAN FRANCISCO, CA
6287 ft.

LUST S102429302
Cortese N/A

Site 2 of 5 in cluster BE

**Relative:
 Higher**

**Actual:
 309 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0498
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/25/93 0:00
 Release Date: Not reported
 Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EVANS PROPERTY (Continued)

S102429302

Cleanup Fund Id : Not reported
Discover Date : 12/02/1992
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: CDM
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: 2A4
Local Case # : 10120
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500444
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10120
Facility Id: 38-0498
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EVANS PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102429302

Facility ID: 38 0498
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.789281 / 122.44668
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 12/3/92
Number of Wells: 0
Cross Street: PRESIDIO
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: 12/09/92
NOR Date: 12/9/92
Closed Date: 8/25/93
Review Date: / /
Report Date: 12/03/92
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 12/02/92
Case Number: 10120
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 12/09/92
Facility Staff: CDM
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EVANS PROPERTY (Continued)

S102429302

Monitoring Begun: Not reported
 Case Closed: 08/25/93
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: PRESIDIO
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 3334 CLAY ST

AY215 3045 ACKSON ST HOA
SE 3045 JACKSON ST
> 1 SAN FRANCISCO, CA 94115
6301 ft.

HAZNET S103947967
Cortese N/A

**Relative:
 Higher**

Site 5 of 6 in cluster AY

**Actual:
 323 ft.**

HAZNET:
 Gepaid: CAC001418712
 TSD EPA ID: CAT080014079
 Gen County: San Francisco
 Tsd County: 7
 Tons: 1.0535
 Waste Category: Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Disposal Method: Transfer Station
 Contact: 3045 JACKSON HOA
 Telephone: (415) 921-5733
 Mailing Address: 2799 CALIFORNIA ST
 SAN FRANCISCO, CA 94115

County San Francisco

Gepaid: CAC001430932
 TSD EPA ID: CAL000190080
 Gen County: San Francisco
 Tsd County: San Joaquin
 Tons: 0.4214
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: 3045 JACKSON HOA
 Telephone: (415) 440-7118
 Mailing Address: 3045 JACKSON ST #202

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

3045 ACKSON ST HOA (Continued)

EDR ID Number
 EPA ID Number

Database(s)

County SAN FRANCISCO, CA 94115
 San Francisco
 CORTESE:
 Region: CORTESE
 Fac Address 2: 3045 JACKSON ST

S103947967

**AY216
 SE
 > 1
 6301 ft.**

**3045 JACKSON ST. H.O.A.
 3045 JACKSON STREET
 SAN FRANCISCO, CA 94115**

**LUST S103472606
 N/A**

Site 6 of 6 in cluster AY

**Relative:
 Higher**

State LUST:

**Actual:
 323 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0721
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/31/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 12/22/1992
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10581
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

3045 JACKSON ST. H.O.A. (Continued)

S103472606

RP Address: Not reported
Global Id: T0607500628
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10581
Facility Id: 38-0721
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0721
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.791109 / 122.444017
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 12/7/92
Number of Wells: 0
Cross Street: BAKER
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 1/10/96
Closed Date: 1/31/96
Review Date: / /
Report Date: 12/07/92
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 12/07/92
How Discovered: Tank Closure
Discovered Date: 12/22/92

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

3045 JACKSON ST. H.O.A. (Continued)

S103472606

Case Number: 10581
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 01/10/96
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 01/19/96
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 01/31/96
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: BAKER
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BF217
East
> 1
6304 ft.

SCOTT CLEANERS
3226 SCOTT STREET
SAN FRANCISCO, CA 94123

RCRIS-SQG
FINDS
CLEANERS
EMI

1000421338
CAD982508178

Relative:
Lower

Site 1 of 5 in cluster BF

RCRIS:

Owner: MARK LUENG KWONG
 (415) 555-1212
 EPA ID: CAD982508178
 Contact: ENVIRONMENTAL MANAGER
 (415) 346-2726

Actual:
32 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- National Emissions Inventory
- National Emissions Trends
- National Toxics Inventory
- Resource Conservation and Recovery Act Information system

CA Cleaners:

Inactive Date: 6/30/1998
 EPA Id: CAD982508178
 Facility Address 2 Not reported
 NAICS Code : Not reported
 Facility Active : No
 Mail Name : Not reported
 Mailing Address: 3226 SCOTT ST
 SAN FRANCISCO, CA 94123
 Owner Name : HUANG YUAN
 Mailing Address: 3226 SCOTT ST
 SAN FRANCISCO, CA 94123
 Owner Telephone 4153462726
 Contact Name : HUI LIAN MAI/SOLD
 Mailing Address: INACT PER 98VQ FINAL NOTICE
 - BATCH 4/27
 SAN FRANCISCO, CA 94123
 Contact Telephone 4153462726
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

EMISSIONS :

Facility ID : 10710
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

SCOTT CLEANERS (Continued)

1000421338

County ID : 38

**BD218
 SE
 > 1
 6310 ft.**

**RESIDENTIAL APARTMENT
 3241 7 WASHINGTON ST
 SAN FRANCISCO, CA 94115**

**Cortese S104396892
 N/A**

Site 2 of 4 in cluster BD

**Relative:
 Higher**

CORTESE:
 Region: CORTESE
 Fac Address 2: 3241 7 WASHINGTON ST

**Actual:
 315 ft.**

**BD219
 SE
 > 1
 6312 ft.**

**MARTY SMIRICH PROPERTY
 3221 WASHINGTON STREET
 SAN FRANCISCO, CA 94115**

**LUST S102433071
 N/A**

Site 3 of 4 in cluster BD

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0641
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/13/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/26/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10511
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D

**Actual:
 318 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MARTY SMIRICH PROPERTY (Continued)

S102433071

Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500560
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10511
Facility Id: 38-0641
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0641
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.790185 / 122.445097
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/26/95
Number of Wells: 0
Cross Street: LYON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/17/95
Closed Date: 12/13/95
Review Date: / /
Report Date: 04/26/95

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MARTY SMIRICH PROPERTY (Continued)

S102433071

Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Remove Contents
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 04/26/95
Case Number: 10511
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 08/17/95
Facility Staff: MA
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 08/24/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/13/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: LYON ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BD220 **MARTY SMIRICH PROPERTY**
SE **3221 WASHINGTON ST**
 > 1 **SAN FRANCISCO, CA 94115**
6312 ft.

HAZNET **S102437667**
Cortese **N/A**

Site 4 of 4 in cluster BD

Relative:
Higher

HAZNET:

Actual:
318 ft.

Gepaid: CAC001104376
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .0375
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: MARTY SMIRCICH
 Telephone: (708) 879-5880
 Mailing Address: 399 MEADOWRUE
 BATAVIA, IL 60510
 County San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 3221 WASHINGTON ST

BG221 **RESIDENCE**
ESE **2835 DIVISADERO ST**
 > 1 **SAN FRANCISCO, CA 94123**
6318 ft.

LUST **S106117944**
 N/A

Site 1 of 4 in cluster BG

Relative:
Higher

State LUST:

Actual:
192 ft.

Cross Street: GREEN ST
 Qty Leaked: 0
 Case Number 38-2228
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 7/30/03 0:00 Confirm Leak: 7/30/03 0:00
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/3/03 0:00
 Release Date: 07/30/2003
 Cleanup Fund Id : Not reported
 Discover Date : 07/30/2003
 Enforcement Dt : Not reported
 Enf Type: CLOS
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S106117944

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case # : 11567
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : 0.005 Parts per Million
 Soil Qualifier : <
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 07/30/2003
 Work Suspended :Not reported
 Responsible Party:MILLICENT DUNHAM
 RP Address: 2835 DIVIADERO ST
 Global Id: T0607557780
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11567
 Facility Id: 38-2228
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 7/30/2003
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

BF222
East
> 1
6326 ft.

BUCK PROPERTY
2386-2390 LOMBARD STREET
SAN FRANCISCO, CA 94123

LUST S106163052
N/A

Site 2 of 5 in cluster BF

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0812
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed

Actual:
29 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BUCK PROPERTY (Continued)

S106163052

Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	9/6/96 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	08/07/1996		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	10677		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500708		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10677
Facility Id:	38-0812
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Workplan Submitted:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

BUCK PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

S106163052

BH223
 East
 > 1
 6355 ft.

PACIFIC GAS IMPROVEMENT CO.
BLOCK BORDERED BY FRANCISCO, PIERCE, BAY AND STEIN
SAN FRANCISCO, CA 94123

Coal Gas G000000734
N/A

Site 1 of 3 in cluster BH

Relative:
Lower

COAL GAS SITE DESCRIPTION:

Actual:
17 ft.

1899 Site is on the northeast corner of Francisco & Pierce. Alhambra bisects the site south of the extension of Bay and west of the extension of Steiner. By 1 The site is included in the site of the 1915 Panama Pacific Exposition.

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BE224
 SE
 > 1
 6388 ft.

APARTMENT BUILDING
3300 CLAY STREET
SAN FRANCISCO, CA 94118

LUST S103890740
N/A

Site 3 of 5 in cluster BE

Relative:
Higher

State LUST:

Actual:
300 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1321	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Other ground water affected		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	11/10/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	02/12/1999		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Medium priority		
Local Case # :	11191		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

APARTMENT BUILDING (Continued)

S103890740

Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501206
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11191
Facility Id: 38-1321
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1321
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Moderate Priority Site
Case Type: Other ground water affected
Release Date: 2/12/99
Number of Wells: 0
Cross Street: PRESIDIO
Free Product: No
Amount of Free Produce: Not reported
MTBE: YES
Benzene: Not reported
Depth to Groundwater: 8.5
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

APARTMENT BUILDING (Continued)

S103890740

Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/5/99
Closed Date: 11/10/99
Review Date: / /
Report Date: 02/12/99
Leak Source: Piping
Leak Cause: Other Cause
How Stopped: Repair Tank
Stopped Date: 02/12/99
How Discovered: Nuisance Conditions
Discovered Date: 02/12/99
Case Number: 11191
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 240
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 7.8
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Philpott fam
RP Address: Not reported
Operator: Not reported
Entered Date: 03/05/99
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/05/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 11/10/99
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: PRESIDIO
Benzene Test: YES
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

APARTMENT BUILDING (Continued)

S103890740

MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: TPH D=28,000 ppb

BE225
SE
 > 1
 6388 ft.

APARTMENT BUILDING
3300 CLAY ST
SAN FRANCISCO, CA 94118

HAZNET S104571403
Cortese N/A

Site 4 of 5 in cluster BE

Relative:
Higher

HAZNET:

Actual:
300 ft.

Gepaid: CAC002179241
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 8.9238
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: ARLEN PHILPOTT
 Telephone: (000) 000-0000
 Mailing Address: 39 MERWIN AVE
 FAIRFAX, CA 94930
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 3300 CLAY ST

BE226
SE
 > 1
 6397 ft.

RESIDENCE
3294 CLAY ST
SAN FRANCISCO, CA 94115

LUST S105248072
Cortese N/A

Site 5 of 5 in cluster BE

Relative:
Higher

State LUST:

Actual:
300 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1050	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	7/20/98 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/08/1998		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248072

Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10977
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500943
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10977
Facility Id: 38-1050
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1050
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248072

Case Type: Soil only
Release Date: 3/25/98
Number of Wells: Not reported
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/29/98
Closed Date: 7/20/98
Review Date: / /
Report Date: 03/25/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 03/18/98
How Discovered: Tank Closure
Discovered Date: 05/08/98
Case Number: 10977
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/29/98
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/20/98
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: Not reported
Beneficial Use: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248072

Suspended: No
 Program: LOP
 Cross Street: Not reported
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 3294 CLAY ST

**BI227
 ESE
 > 1
 6422 ft.**

**RESIDENCE
 2949-51 PACIFIC AVE
 SAN FRANCISCO, CA 94115**

**LUST S106162111
 N/A**

**Relative:
 Higher**

Site 1 of 4 in cluster BI

**Actual:
 338 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0700
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/27/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/03/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S106162111

Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 10698
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500609
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10698
 Facility Id: 38-0700
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

228
 ESE
 > 1
 6432 ft.

**ANLYAN REVOCABLE
 2518 FILBERT ST
 SAN FRANCISCO, CA 94123**

**LUST S105628313
 N/A**

**Relative:
 Equal**

LUST San Francisco County:

Facility ID: 02 200 011
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Moderate Priority Site
 Case Type: Other ground water affected
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: Scott

**Actual:
 86 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ANLYAN REVOCABLE (Continued)

S105628313

Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: ND
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: MARINA BASIN
Enforcement Type: NOR
Enforcement Due Date: 05/24/00
NOR Date: 5/24/00
Closed Date: Not reported
Review Date: 12/18/00
Report Date: 05/23/00
Leak Source: Tank
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 05/18/00
How Discovered: Tank Closure
Discovered Date: 05/18/00
Case Number: 11366
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: 0.4
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Jay Morton
Entered Date: 05/24/00
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 05/18/00
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/18/00
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Scott
Benzene Test: YES

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ANLYAN REVOCABLE (Continued)

S105628313

TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 1100
 TPH Date: 05/18/00
 Block: Not reported
 Lot: Not reported
 TPH Current: 88
 TPH Current Date: 5/30/00
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**229
 ENE
 > 1
 6441 ft.**

**RESIDENCE
 431 AVILA ST
 SAN FRANCISCO, CA 94123**

**HAZNET S104569312
 LUST N/A
 Cortese**

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1400
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/7/99 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 03/23/1999
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Low priority. Priority ranking can change over time.
 Local Case #: 11271
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: 0.005 Parts per Million
 Soil Qualifier: <

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 12 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S104569312

Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501284
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11271
Facility Id: 38-1400
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1400
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Other ground water affected
Release Date: 4/6/99
Number of Wells: Not reported
Cross Street: Cervantes Blvd
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: YES
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: 07/30/99
NOR Date: 7/30/99
Closed Date: 9/7/99
Review Date: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S104569312

Report Date: 04/06/99
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: / /
 How Discovered: Tank Closure
 Discovered Date: 03/23/99
 Case Number: 11271
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Not reported
 Maximum MTBE Soil: 0.005
 Maximum MTBE GW: 20
 MTBE DATE: 03/09/99
 Max Soil Concentration: ND
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Dennis Drobisch
 Entered Date: 07/30/99
 Facility Staff: AL
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/07/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: Not reported
 Program: LOP
 Cross Street: Cervantes Blvd
 Benzene Test: ND
 TPH Tested: ND
 Max TPH GW: ND
 Max TPH Soil: ND
 TPH Date: 03/09/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: <
 Comments: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S104569312

Summary: RWQCB gave verbal

HAZNET:

Gepaid: CAC002107864
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 0.6255
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: DENNIS DROBISCH
 Telephone: (415) 931-0864
 Mailing Address: 431 AVILA ST
 SAN FRANCISCO, CA 94123
 County San Francisco

Gepaid: CAC002107864
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 4.4035
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: DENNIS DROBISCH
 Telephone: (415) 931-0864
 Mailing Address: 431 AVILA ST
 SAN FRANCISCO, CA 94123
 County San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 431 AVILA ST

**BI230
 ESE
 > 1
 6449 ft.**

**SFUSD
 2940 PACIFIC AVE
 SAN FRANCISCO, CA 94115**

**HAZNET S103650160
 Cortese N/A**

Site 2 of 4 in cluster BI

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001349720
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: .6255
 Waste Category:
 Disposal Method: Recycler
 Contact: SFUSD
 Telephone: (000) 000-0000
 Mailing Address: 1551 NEWCOMB AVE
 SAN FRANCISCO, CA 94124
 County San Francisco

**Actual:
 337 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SFUSD (Continued)

S103650160

Gepaid: CAC001349720
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 10.0080
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: SFUSD
 Telephone: (000) 000-0000
 Mailing Address: 1551 NEWCOMB AVE
 SAN FRANCISCO, CA 94124
 County San Francisco

Gepaid: CAC001349720
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.9015
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: SFUSD
 Telephone: (000) 000-0000
 Mailing Address: 1551 NEWCOMB AVE
 SAN FRANCISCO, CA 94124
 County San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 2940 PACIFIC AVE

BI231 S.F. UNIFIED
ESE 2940 PACIFIC AVE
> 1 SAN FRANCISCO, CA 94115
6449 ft.

LUST S106386882
N/A

**Relative:
 Higher**

Site 3 of 4 in cluster BI

LUST San Francisco County:
 Facility ID: 38 1018
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 3/10/98
 Number of Wells: Not reported
 Cross Street: BRODERICK ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: Downtown Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /
 NOR Date: 4/29/98
 Closed Date: 5/11/98
 Review Date: / /

**Actual:
 337 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

S.F. UNIFIED (Continued)

S106386882

Report Date: 03/10/98
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Repair Tank
Stopped Date: 03/05/98
How Discovered: Tank Closure
Discovered Date: 03/10/98
Case Number: 10965
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: SFUSD
RP Address: Not reported
Operator: Not reported
Entered Date: 04/29/98
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 05/11/98
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: BRODERICK ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

S.F. UNIFIED (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Summary: Soils only

S106386882

**BI232
 ESE
 > 1
 6449 ft.**

**S.F. UNIFIED SCHOOL DISTRICT
 2940 PACIFIC AVE
 SAN FRANCISCO, CA 94115**

**LUST 1000378768
 N/A**

Site 4 of 4 in cluster BI

**Relative:
 Higher**

State LUST:

**Actual:
 337 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1018
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/11/98 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 03/10/1998
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10965
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607500911
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

S.F. UNIFIED SCHOOL DISTRICT (Continued)

1000378768

Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:
 Region: 2
 Case Number: 10965
 Facility Id: 38-1018
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

BG233 RESIDENCE
ESE 2576 GREEN STREET
> 1 SAN FRANCISCO, CA 94123
6475 ft.

LUST S105244814
N/A

**Relative:
 Higher**

Site 2 of 4 in cluster BG

**Actual:
 207 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1406
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/16/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/19/1999
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105244814

Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11270
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : 0.01 Parts per Million
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501290
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11270
Facility Id: 38-1406
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1406
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 5/17/99
Number of Wells: Not reported
Cross Street: Divisadero Street
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: YES
Benzene: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site _____ S105244814

Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: 07/30/99
NOR Date: 7/30/99
Closed Date: 9/16/99
Review Date: 08/31/99
Report Date: 05/17/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 05/25/99
How Discovered: Tank Closure
Discovered Date: 05/19/99
Case Number: 11270
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: 0.015
Maximum MTBE GW: Not reported
MTBE DATE: 05/19/99
Max Soil Concentration: ND
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Skewes'cox
Entered Date: 07/30/99
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/16/99
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: Not reported
Program: LOP
Cross Street: Divisadero Street
Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 120
TPH Date: 05/19/99

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

S105244814

BG234
ESE
> 1
6475 ft.

RESIDENCE
2576 GREEN ST
SAN FRANCISCO, CA 94123

HAZNET **S104567382**
Cortese **N/A**

Site 3 of 4 in cluster BG

Relative:
Higher

Actual:
207 ft.

HAZNET:
 Gepaid: CAC001427608
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 6.6219
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: PETER SKEWES-COX
 Telephone: (415) 657-6285
 Mailing Address: 2576 GREEN ST
 SAN FRANCISCO, CA 94123
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 2576 GREEN ST

BJ235
East
> 1
6482 ft.

DYNASTY FOUNDATION TRUST
1901 BEACH ST
SAN FRANCISCO, CA 94123

LUST **S102429019**
N/A

Site 1 of 4 in cluster BJ

Relative:
Lower

Actual:
15 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0502
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Leak being confirmed
 Review Date: 11/16/93 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 02/23/1993
 Cleanup Fund Id : Not reported

Confirm Leak: 11/16/93 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DYNASTY FOUNDATION TRUST (Continued)

S102429019

Discover Date : 02/23/1993
 Enforcement Dt : Not reported
 Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Medium priority
 Local Case # : 10192
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500448
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

BJ236 DYNASTY FOUNDATION
East 1901 BEACH ST
> 1 SAN FRANCISCO, CA
6482 ft.

LUST S102429020
Cortese N/A

Site 2 of 4 in cluster BJ

**Relative:
 Lower**

LUST Region 2:
 Region: 2
 Case Number: 10192
 Facility Id: 38-0502
 Facility Status: Leak being confirmed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: 11/16/1993
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported

**Actual:
 15 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DYNASTY FOUNDATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

S102429020

Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0502
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.8039 / 122.439135
Priority: Moderate Priority Site
Case Type: Soil only
Release Date: 11/16/93
Number of Wells: 0
Cross Street: PIERCE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: IEA
Enforcement Due Date: / /
NOR Date: 12/8/93
Closed Date: Not reported
Review Date: / /
Report Date: 11/16/93
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 10/20/93
How Discovered: Tank Closure
Discovered Date: 02/23/93
Case Number: 10192
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: DYNASTY FOUNDATION
RP Address: Not reported
Operator: Not reported
Entered Date: 12/08/93
Facility Staff: SC
Facility Status: 1
Funding: State

Date Status Was First Assigned - The following dates are assigned as the status progresses:

Leak Confirmed: 07/27/94
Workplan Submitted: Not reported
Assessment Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DYNASTY FOUNDATION (Continued)

S102429020

Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: / /
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: PIERCE
 Benzene Test: Not reported
 TPH Tested: YES
 Max TPH GW: 18000
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 1901 BEACH ST

**BC237 RESIDENTIAL APT.
 East 3554 PIERCE STREET
 > 1 SAN FRANCISCO, CA 94123
 6495 ft.**

**LUST S104657089
 N/A**

Site 2 of 3 in cluster BC

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0473
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Remedial action (cleanup) Underway
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: 4/20/98 0:00
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 03/19/1993
 Cleanup Fund Id : Not reported
 Discover Date : 03/19/1993
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported

**Actual:
 16 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657089

Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10434
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500422
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10434
 Facility Id: 38-0473
 Facility Status: Remedial action (cleanup) Underway
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: 4/20/1998
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0473
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: 37.803452 / 122.438808
 Priority: Moderate Priority Site

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657089

Case Type: Soil only
Release Date: 4/20/98
Number of Wells: 1
Cross Street: BEACH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: 7'
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/18/95
Closed Date: Not reported
Review Date: / /
Report Date: 04/20/98
Leak Source: Undefined
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 03/19/93
How Discovered: Other Means
Discovered Date: 03/19/93
Case Number: 10434
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 09/18/95
Facility Staff: MA
Facility Status: 7
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 01/23/96
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: / /
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENTIAL APT. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104657089

Suspended: No
 Program: LOP
 Cross Street: BEACH ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 4/20/93 [leak

BC238
 East
 > 1
 6495 ft.

3554 PIERCE ST
3554 PIERCE ST
SAN FRANCISCO, CA 94115

Cortese S102435055
N/A

Site 3 of 3 in cluster BC

Relative:
Lower

CORTESE:
 Region: CORTESE
 Fac Address 2: 3554 PIERCE ST

Actual:
16 ft.

BF239
 East
 > 1
 6496 ft.

SFPD YOUTH SERVICE BUREAU
2475 GREENWICH STREET
SAN FRANCISCO, CA 94123

LUST S103879177
N/A

Site 3 of 5 in cluster BF

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0696
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 3800L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/15/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 11/08/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
45 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SFPD YOUTH SERVICE BUREAU (Continued)

S103879177

Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 10562
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500605
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10562
Facility Id: 38-0696
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0696
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.798413 / 122.439164
Priority: Low Priority Site
Case Type: Soil only

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SFPD YOUTH SERVICE BUREAU (Continued)

S103879177

Release Date:	11/8/95
Number of Wells:	0
Cross Street:	SCOTT ST
Free Product:	No
Amount of Free Produce:	Not reported
MTBE:	NT
Benzene:	Not reported
Depth to Groundwater:	Not reported
Gradient:	Not reported
Primary Substance:	GASOLINE
Basin:	Marina Basin
Enforcement Type:	NOR
Enforcement Due Date:	/ /
NOR Date:	11/8/95
Closed Date:	11/15/95
Review Date	/ /
Report Date	11/08/95
Leak Source:	Other Source
Leak Cause:	Overfill
How Stopped:	Not reported
Stopped Date:	/ /
How Discovered:	Other Means
Discovered Date:	11/08/95
Case Number:	10562
Staff Initial:	VP
Substance:	Gasoline
Substance Qty:	Not reported
Interim Remediation:	Not reported
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	Not reported
Maximum Soil GW:	Not reported
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	1
Reg Board:	2
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Entered Date:	11/08/95
Facility Staff:	SC
Facility Status:	9
Funding:	Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	11/16/95
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Case Closed:	11/15/95
Abatement:	Not reported
CUFID:	Not reported
Beneficial Use:	No
Suspended:	No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SFPD YOUTH SERVICE BUREAU (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Program: LOP
 Cross Street: SCOTT ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

S103879177

**BF240
 East
 > 1
 6496 ft.**

**SAN FRANCISCO POLICE DEPA
 2475 GREENWICH
 SAN FRANCISCO, CA 94123**

**Cortese S103890867
 N/A**

Site 4 of 5 in cluster BF

**Relative:
 Lower**

CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

**Actual:
 45 ft.**

**241
 SSE
 > 1
 6500 ft.**

**SIMMONS RESIDENCE
 77 JORDAN AVE
 SAN FRANCISCO, CA 94118**

**HAZNET S103962709
 LUST N/A
 Cortese**

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1165
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/3/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 06/26/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 215 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SIMMONS RESIDENCE (Continued)

S103962709

How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11032
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501053
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11032
Facility Id: 38-1165
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1165
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 6/26/98
Number of Wells: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SIMMONS RESIDENCE (Continued)

S103962709

Cross Street: CALIFORNIA ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Westside Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/2/98
Closed Date: 9/3/98
Review Date: / /
Report Date: 06/26/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 06/26/98
How Discovered: Tank Closure
Discovered Date: 06/26/98
Case Number: 11032
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Ellis Simmons
RP Address: Not reported
Operator: Not reported
Entered Date: 09/02/98
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/03/98
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: CALIFORNIA ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SIMMONS RESIDENCE (Continued)

S103962709

Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: heating oil with

HAZNET:
 Gepaid: CAC001376544
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 2.9190
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Not reported
 Contact: ELLIS SIMMONS
 Telephone: (415) 386-2264
 Mailing Address: 77 JORDAN AVE
 SAN FRANCISCO, CA 94118
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 77 JORDAN AVE

BF242
East
> 1
6508 ft.

BUCK PROPERTY
2386 90 LOMBARD ST
SAN FRANCISCO, CA

Cortese S102425819
N/A

Relative:
Lower

Site 5 of 5 in cluster BF

CORTESE:
 Region: CORTESE
 Fac Address 2: 2386 90 LOMBARD ST

Actual:
29 ft.

BK243
East
> 1
6545 ft.

CUSTOM MOTORCYCLE PAINTING
2340 LOMBARD STREET
SAN FRANCISCO, CA 94123

EMI S106248351
N/A

Relative:
Lower

Site 1 of 4 in cluster BK

EMISSIONS :
 Facility ID : 11592
 Air District Code : BA
 SIC Code : 7532
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF

Actual:
29 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CUSTOM MOTORCYCLE PAINTING (Continued)

S106248351

Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

BH244
East
> 1
6567 ft.

RESIDENCE
3415 PIERCE ST
SAN FRANCISCO, CA 94123

HAZNET S103995929
Cortese N/A

Site 2 of 3 in cluster BH

Relative:
Lower

HAZNET:
 Gepaid: CAC001084992
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 3.7530
 Waste Category: Waste oil and mixed oil
 Disposal Method: Transfer Station
 Contact: WILLIAM FERENZ
 Telephone: (415) 346-5882
 Mailing Address: 3241 DIVISADERO ST
 SAN FRANCISCO, CA 94123
 County San Francisco

Actual:
18 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 3415 PIERCE ST

BH245
East
> 1
6567 ft.

RESIDENCE
3415 PIERCE STREET
SAN FRANCISCO, CA 94123

LUST S105248074
N/A

Site 3 of 3 in cluster BH

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1160
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/17/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 06/29/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported

Actual:
18 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248074

Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11049
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501048
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11049
 Facility Id: 38-1160
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1160
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Unranked by RWQCB
 Case Type: Soil only

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248074

Release Date: 6/29/98
Number of Wells: 0
Cross Street: ALHAMBRA ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: NA
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/15/98
Closed Date: 9/17/98
Review Date: / /
Report Date: 06/29/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 06/26/98
How Discovered: Tank Closure
Discovered Date: 06/29/98
Case Number: 11049
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Ferenz
RP Address: Not reported
Operator: Not reported
Entered Date: 09/15/98
Facility Staff: MA
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/17/98
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: No
Suspended: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248074

Program: LOP
 Cross Street: ALHAMBRA ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Heating oil UST,

**BG246
 ESE
 > 1
 6573 ft.**

**SHIRLEY PROPERTY
 2555 GREEN ST
 SAN FRANCISCO, CA 94123**

**HAZNET S102437476
 LUST N/A
 Cortese**

Site 4 of 4 in cluster BG

**Relative:
 Higher**

State LUST:

**Actual:
 201 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0706
 Reg Board: 2
 Chemical: Kerosene
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/23/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/03/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10709
 Beneficial: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHIRLEY PROPERTY (Continued)

S102437476

Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500615
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10709
Facility Id: 38-0706
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0706
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.795468 / 122.439976
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/30/95
Number of Wells: 0
Cross Street: SCOTT ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: KEROSENE
Basin: Marina Basin
Enforcement Type: NOR

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHIRLEY PROPERTY (Continued)

S102437476

Enforcement Due Date: / /
NOR Date: 10/18/96
Closed Date: 10/23/96
Review Date / /
Report Date 10/30/95
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 09/12/95
How Discovered: Tank Closure
Discovered Date: 10/03/95
Case Number: 10709
Staff Initial: VP
Substance: Kerosene
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 10/18/96
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 12/21/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/23/96
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: SCOTT ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SHIRLEY PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S102437476

MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

HAZNET:

Gepaid: CAC001071192
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: .4170
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: UST
 Telephone: (000) 000-0000
 Mailing Address: SAN FRANCISCO, CA 94104
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 2555 GREEN ST

**247
 SE
 > 1
 6603 ft.**

**2006 LYON ST.
 SAN FRANCISCO, CA 94115**

**CHMIRS S100218451
 N/A**

**Relative:
 Higher**

CHMIRS:

OES Control Number: 8910325
 Chemical Name: Not reported
 Extent of Release: Not reported
 Property Use: Residential
 Incident Date: 20-APR-89
 Date Completed: 20-APR-89
 Time Completed : 950
 Agency Id Number : 38005
 Agency Incident Number : 3413
 OES Incident Number : 8910325
 Time Notified : 9842
 Surrounding Area : 400
 Estimated Temperature : 60
 Property Management : P
 More Than Two Substances Involved? : Not reported
 Special Studies 1 : Not reported
 Special Studies 2 : Not reported
 Special Studies 3 : Not reported
 Special Studies 4 : Not reported
 Special Studies 5 : Not reported
 Special Studies 6 : Not reported
 Responding Agency Personel # Of Injuries : 0
 Responding Agency Personel # Of Fatalities : 0
 Resp Agncy Personel # Of Decontaminated : 0
 Others Number Of Decontaminated : 0
 Others Number Of Injuries : 0
 Others Number Of Fatalities : 0
 Vehicle Make/year : Not reported
 Vehicle License Number : Not reported
 Vehicle State : Not reported
 Vehicle Id Number : Not reported

**Actual:
 283 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S100218451

CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	DENNIS CALLAHAN, BATTALION CHIEF
Report Date :	20-APR-89
Comments :	Not reported
Facility Telephone Number :	415 861-8000
Waterway Involved :	Not reported
Waterway :	Not reported
Spill Site :	Not reported
Cleanup By :	Not reported
Containment :	Not reported
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	Not reported
Evacuations :	Not reported
True date :	Not reported
Year :	88-92
Agency :	Not reported
BBLs :	Not reported
Cups :	Not reported
CUFT :	Not reported
Gallons :	Not reported
Grams :	Not reported
Pounds :	Not reported
Liters :	Not reported
Ounces :	Not reported
Pints :	Not reported
Quarts :	Not reported
Sheen :	Not reported
Tons :	Not reported
Unknown :	Not reported
Description :	Not reported
Incident date :	Not reported
Admin Agency :	Not reported
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

BL248 SCIALANCE PROPERTY
 East 75 CAPRA WY
 > 1 SAN FRANCISCO, CA 94122
 6611 ft.

LUST S102436601
 Cortese N/A

Site 1 of 4 in cluster BL

Relative:
 Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0802
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported

Actual:
 17 ft.

Confirm Leak: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SCIALANCE PROPERTY (Continued)

S102436601

Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	7/18/96 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	06/03/1996		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	10656		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500699		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10656
Facility Id:	38-0802
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Wokplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SCIALANCE PROPERTY (Continued)

S102436601

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0802
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/16/96
Number of Wells: 0
Cross Street: PIERCE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/3/96
Closed Date: 7/18/96
Review Date: / /
Report Date: 05/16/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 05/16/96
How Discovered: Tank Closure
Discovered Date: 06/03/96
Case Number: 10656
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 07/03/96
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 07/03/96

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SCIALANCE PROPERTY (Continued)

S102436601

Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/18/96
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: PIERCE ST
 Benzene Test: Not reported
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 16
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 75 CAPRA WY

**BM249
 SE
 > 1
 6615 ft.**

**UCSF-LAUREL HEIGHTS CAMPUS
 3333 CALIFORNIA STREET
 SAN FRANCISCO, CA 0**

**LUST S103879636
 EMI N/A**

Site 1 of 2 in cluster BM

**Relative:
 Higher**

**Actual:
 275 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1361
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: 10/28/98 0:00
 Close Date: 2/24/03 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/28/1998
 Enforcement Dt : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UCSF-LAUREL HEIGHTS CAMPUS (Continued)

S103879636

Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: High priority
Local Case # : 11079
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501246
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11079
Facility Id: 38-1361
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: 10/28/1998

LUST San Francisco County:

Facility ID: 38 1361
Region: SAN FRANCISCO
Notify: False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UCSF-LAUREL HEIGHTS CAMPUS (Continued)

S103879636

Lat/Long: Not reported
Priority: High Priority Site
Case Type: Soil only
Release Date: 10/28/98
Number of Wells: Not reported
Cross Street: PRESIDIO AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 11/2/98
Closed Date: Not reported
Review Date: 10/03/02
Report Date: 10/28/98
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 10/28/98
Case Number: 11079
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: UCSF Laurel
RP Address: Not reported
Operator: Not reported
Entered Date: 11/02/98
Facility Staff: AL
Facility Status: 8
Funding: R
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: 11/2/98
Case Closed: / /
Abatement: No Action Taken

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UCSF-LAUREL HEIGHTS CAMPUS (Continued)

S103879636

CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: PRESIDIO AVE
 Benzene Test: Not reported
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 220
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: diesel; 1/8/99

EMISSIONS :

Facility ID : 4682
 Air District Code : BA
 SIC Code : 8221
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

BM250 UCSF LAUREL HEIGHTS
SE 3333 CALIFORNIA ST
> 1 SAN FRANCISCO, CA 94118
6615 ft.

HAZNET S100610372
Cortese N/A

Site 2 of 2 in cluster BM

**Relative:
 Higher**

HAZNET:

**Actual:
 275 ft.**

Gepaid: CAD981397649
 TSD EPA ID: CAD050806850
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .1876
 Waste Category: Laboratory waste chemicals
 Disposal Method: Transfer Station
 Contact: REGENTS OF UNIVERSITY OF CAL
 Telephone: (510) 987-9220
 Mailing Address: 50 MEDICAL CENTER WAY
 SAN FRANCISCO, CA 00000
 County San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UCSF LAUREL HEIGHTS (Continued)

S100610372

Gepaid: CAD981397649
TSD EPA ID: CAD050806850
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .1500
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Contact: REGENTS OF UNIVERSITY OF CAL
Telephone: (510) 987-9220
Mailing Address: 50 MEDICAL CENTER WAY
SAN FRANCISCO, CA 00000
County San Francisco

Gepaid: CAD981397649
TSD EPA ID: CAD050806850
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .0250
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Contact: REGENTS OF UNIVERSITY OF CAL
Telephone: (510) 987-9220
Mailing Address: 50 MEDICAL CENTER WAY
SAN FRANCISCO, CA 00000
County San Francisco

Gepaid: CAD981397649
TSD EPA ID: CAD050806850
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .2293
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: REGENTS OF UNIVERSITY OF CAL
Telephone: (510) 987-9220
Mailing Address: 50 MEDICAL CENTER WAY
SAN FRANCISCO, CA 00000
County San Francisco

Gepaid: CAD981397649
TSD EPA ID: CAD050806850
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .0208
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: REGENTS OF UNIVERSITY OF CAL
Telephone: (510) 987-9220
Mailing Address: 50 MEDICAL CENTER WAY
SAN FRANCISCO, CA 00000
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access 74 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:
Region: CORTESE
Fac Address 2: 3333 CALIFORNIA ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BN251
ESE
 > 1
 6622 ft.

FORMER ROBINSON RESIDENCE
2663 DIVISADERO STREET
SAN FRANCISCO, CA 94123

LUST **S105688734**
N/A

Site 1 of 2 in cluster BN

Relative:
Higher

State LUST:

Actual:
278 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0249
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/23/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 02/15/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: CDM
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Medium priority
 Local Case # : 10529
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501183
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FORMER ROBINSON RESIDENCE (Continued)

S105688734

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10529
Facility Id: 38-0249
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0249
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.772724 / 122.414685
Priority: Moderate Priority Site
Case Type: Soil only
Release Date: 2/15/95
Number of Wells: Not reported
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/10/99
Closed Date: 3/23/99
Review Date: 03/23/99
Report Date: 10/15/87
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 02/16/95
How Discovered: Tank Closure
Discovered Date: 02/15/95
Case Number: 10529
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FORMER ROBINSON RESIDENCE (Continued)

S105688734

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Darryl Roberson
 RP Address: Not reported
 Operator: n/a
 Entered Date: 02/10/99
 Facility Staff: CDM
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 02/04/95
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 03/23/99
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Not reported
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 2,064
 TPH Date: 02/15/95
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Max diesel ~2,000

BN252 RESIDENTIAL
ESE 2663 DIVISADERO ST
> 1 SAN FRANCISCO, CA 94123
6622 ft.
 Relative:
Higher
 Actual:
278 ft.

HAZNET S102796923
Cortese N/A

Site 2 of 2 in cluster BN

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL (Continued)

S102796923

HAZNET:

Gepaid: CAC000908272
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: 8.4442
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: THE ROBERSON
 Telephone: (000) 000-0000
 Mailing Address: 2663 DIVISADERO
 SAN FRANCISCO, CA 94123
 County: San Francisco

Gepaid: CAC000908272
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: 1.0000
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: THE ROBERSON
 Telephone: (000) 000-0000
 Mailing Address: 2663 DIVISADERO
 SAN FRANCISCO, CA 94123
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 2663 DIVISADERO ST

BO253
East
> 1
6622 ft.

RESIDENTIAL APT.
96 TOLEDO WAY
SAN FRANCISCO, CA 94123

LUST S104657035
N/A

Site 1 of 4 in cluster BO

Relative:
Lower

State LUST:

Actual:
19 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number:	38-1417	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	8/11/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	07/01/1999		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657035

Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11272
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : 0.005 Parts per Million
Soil Qualifier : <
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501301
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11272
Facility Id: 38-1417
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1417
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657035

Case Type: Soil only
Release Date: 7/1/99
Number of Wells: Not reported
Cross Street: Pierce Street
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: 07/30/99
NOR Date: 7/30/99
Closed Date: 8/11/99
Review Date: 08/11/99
Report Date: 07/01/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 06/24/99
How Discovered: Tank Closure
Discovered Date: 07/01/99
Case Number: 11272
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: 0.005
Maximum MTBE GW: Not reported
MTBE DATE: 06/24/99
Max Soil Concentration: ND
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Woo Family Trust
Entered Date: 07/30/99
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 08/11/99
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657035

Suspended: No
 Program: LOP
 Cross Street: Pierce Street
 Benzene Test: ND
 TPH Tested: ND
 Max TPH GW: Not reported
 Max TPH Soil: ND
 TPH Date: 06/24/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: <
 Comments: Not reported
 Summary: Not reported

BO254
East
 > 1
 6622 ft.

RESIDENTIAL APARTMENT
96 TOLEDO
SAN FRANCISCO, CA 94123

HAZNET S103995865
Cortese N/A

Site 2 of 4 in cluster BO

Relative:
Lower

HAZNET:
 Gepaid: CAC001273384
 TSD EPA ID: CAD990794133
 Gen County: San Francisco
 Tsd County: San Joaquin
 Tons: 1.2642
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: WILBUR WOO
 Telephone: (000) 000-0000
 Mailing Address: 34 MARVEL CT
 SAN FRANCISCO, CA 94121
 County: San Francisco

Actual:
19 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

BJ255
East
 > 1
 6647 ft.

RESIDENCE
1830 BEACH ST
SAN FRANCISCO, CA 94123

HAZNET S103962673
LUST N/A
Cortese

Site 3 of 4 in cluster BJ

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1087
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed

Actual:
15 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103962673

Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	9/14/98 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	04/23/1998		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	11018		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500979		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	11018
Facility Id:	38-1087
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Workplan Submitted:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103962673

Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1087
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/22/96
Number of Wells: Not reported
Cross Street: PIERCE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/27/98
Closed Date: 9/14/98
Review Date: / /
Report Date: 04/22/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 04/22/98
How Discovered: Tank Closure
Discovered Date: 04/23/98
Case Number: 11018
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Elizabeth Dunnigan
RP Address: Not reported
Operator: Not reported
Entered Date: 07/27/98
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103962673

Leak Confirmed: 07/27/98
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/14/98
 Abatement: No Action Required
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: PIERCE ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

HAZNET:

Gepaid: CAC001272760
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 2.5437
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: ELIZABETH DUNNIGAN
 Telephone: (000) 000-0000
 Mailing Address: 67 TOLEDO
 SAN FRANCISCO, CA 94123
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 1830 BEACH ST

BP256 **RICHA D FAVE NETTI**
ESE **2855 PACIFIC AVE**
> 1 **SAN FRANCISCO, CA 95115**
6656 ft.

HAZNET **S105688879**
LUST **N/A**

Site 1 of 3 in cluster BP

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2172
 Reg Board: 2
 Chemical: Heater Fuel

Actual:
339 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RICHA D FAVE NETTI (Continued)

S105688879

Lead Agency:	Local Agency	Confirm Leak:	Not reported
Local Agency :	38000L	Prelim Assess:	Not reported
Case Type:	Soil only	Remed Plan:	Not reported
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	5/3/02 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/01/2002		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11502		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607527887		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	11502
Facility Id:	38-2172
Facility Status:	Case Closed
How Discovered:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RICHA D FAVE NETTI (Continued)

S105688879

Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

HAZNET:

Gepaid: CAC002550419
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 4.74
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: sally Mcinerney
 Telephone: (415) 929-5588
 Mailing Address: 2855 oacific ave
 SAN FRANCISCO, CA 95115
 County: Not reported

**BP257
 ESE
 > 1
 6656 ft.**

**RESIDENTIAL
 2855 PACIFIC AVE
 SAN FRANCISCO, CA 94115**

**LUST S105628324
 N/A**

Site 2 of 3 in cluster BP

**Relative:
 Higher**

LUST San Francisco County:
 Facility ID: 02 202 004
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: Divisadero
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: Not reported
 Basin: DOWNTOWN
 Enforcement Type: NOR
 Enforcement Due Date: 05/30/02
 NOR Date: Not reported
 Closed Date: Not reported
 Review Date: 06/11/02
 Report Date: 05/03/02
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 05/01/02
 How Discovered: Tank Closure

**Actual:
 339 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S105628324

Discovered Date: 05/01/02
Case Number: 11502
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 05/01/02
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Richard Faverneti
Entered Date: 05/30/02
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 05/01/02
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 06/11/02
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Divisadero
Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 27
TPH Date: 05/01/02
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Soils only case

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BJ258 **125 CERVANTES BLVD**
East **125 CERVANTES BLVD**
> 1 **SAN FRANCISCO, CA**
6668 ft.

LUST **S102446064**
Cortese **N/A**

Site 4 of 4 in cluster BJ

Relative:
Lower

State LUST:

Actual:
15 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0836
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/14/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/04/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10715
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended : Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607500731
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

125 CERVANTES BLVD (Continued)

S102446064

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10715
Facility Id: 38-0836
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0836
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/17/96
Number of Wells: 0
Cross Street: BEACH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/30/96
Closed Date: 11/14/96
Review Date: / /
Report Date: 10/17/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 09/12/96
How Discovered: Tank Closure
Discovered Date: 10/04/96
Case Number: 10715
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

125 CERVANTES BLVD (Continued)

S102446064

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 10/30/96
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/14/96
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BEACH ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 125 CERVANTES BLVD

BO259 PAUL DALMAS
East 175 ALHAMBRA ST
> 1 SAN FRANCISCO, CA 94123
6713 ft.

HAZNET S105248027
LUST N/A

Site 3 of 4 in cluster BO

Relative: Lower State LUST:
 Cross Street: Not reported
Actual: 18 ft. Qty Leaked: 0
 Case Number 38-2040

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PAUL DALMAS (Continued)

S105248027

Reg Board: 2
Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Other ground water affected
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 12/19/00 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 11/08/2000
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11422
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607510547
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:
Region: 2
Case Number: 11422
Facility Id: 38-2040

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PAUL DALMAS (Continued)

S105248027

Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 400 022
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Other ground water affected
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Pierce
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: MARINA BASIN
Enforcement Type: NOR
Enforcement Due Date: 12/28/00
NOR Date: Not reported
Closed Date: Not reported
Review Date: 02/20/01
Report Date: 12/19/00
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 11/08/00
How Discovered: Tank Closure
Discovered Date: 11/08/00
Case Number: 11422
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PAUL DALMAS (Continued)

S105248027

Operator: Paul Dalmas
Entered Date: 12/28/00
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 11/08/00
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 02/20/01
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Pierce
Benzene Test: ND
TPH Tested: ND
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: 11/15/00
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAC002252545
TSD EPA ID: NVD982358483
Gen County: San Francisco
Tsd County: 99
Tons: 4.7495
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: PAUL DALMAS
Telephone: (415) 681-8020
Mailing Address: 421 VASSER ST
BERKELEY, CA 94708
County: San Francisco

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BK260 **UNOCAL #5457-LOMBARD UNION 76**
East **2298 LOMBARD ST**
> 1 **SAN FRANCISCO, CA 94123**
6729 ft.

LUST **S101592071**
CA FID UST **N/A**

Site 2 of 4 in cluster BK

Relative:
Lower

State LUST:

Actual:
29 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0399	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Other ground water affected		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	11/19/02 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	02/28/1991		
Enforcement Dt :	Not reported		
Enf Type:	Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	5/2/00 0:00		
Max MTBE GW :	266 Parts per Billion		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	High priority		
Local Case # :	10062		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	2.9 Parts per Million		
Soil Qualifier :	=		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500351		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #5457-LOMBARD UNION 76 (Continued)

S101592071

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10062
Facility Id: 38-0399
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0399
Region: SAN FRANCISCO
Notify: True
Lat/Long: 37.799729 / 122.437972
Priority: High Priority Site
Case Type: Other ground water affected
Release Date: 3/5/91
Number of Wells: 5
Cross Street: PIERCE ST
Free Product: Yes
Amount of Free Produce: 0.09'
MTBE: YES
Benzene: 910
Depth to Groundwater: 13 18'
Gradient: 0.02 W/NW
Primary Substance: GASOLINE
Basin: Marina Basin
Enforcement Type: IEA
Enforcement Due Date: 03/22/96
NOR Date: 4/22/92
Closed Date: Not reported
Review Date: 08/16/00
Report Date: 03/05/91
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 05/22/91
How Discovered: Tank Closure
Discovered Date: 02/28/91
Case Number: 10062
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 2600

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #5457-LOMBARD UNION 76 (Continued)

S101592071

MTBE DATE: 11/12/92
Max Soil Concentration: Not reported
Maximum Soil GW: 14000
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: TOSCO
RP Address: Not reported
Operator: Not reported
Entered Date: 04/22/92
Facility Staff: MA
Facility Status: 0
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/28/91
Workplan Submitted: 6/6/91
Assessment Underway: 2/1/92
Pollution Characterization: 5/6/95
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: / /
Abatement: No Action Taken
CUFID: 6720
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: PIERCE ST
Benzene Test: YES
TPH Tested: YES
Max TPH GW: 120,000
Max TPH Soil: Not reported
TPH Date: 05/09/98
Block: Not reported
Lot: Not reported
TPH Current: 38,100
TPH Current Date: 5/2/00
MTBE Current: 266
MTBE Current Date: 5/2/00
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: MW2 not

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNOCAL #5457-LOMBARD UNION 76 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S101592071

FID:

Facility ID:	38000438	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 931-4040
Mail To:	Not reported		
	2298 LOMBARD ST		
	SAN FRANCISCO, CA 94123		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

BK261
East
> 1
6729 ft.

UNOCAL
2298 LOMBARD ST
SAN FRANCISCO, CA 95123

HAZNET **S104164645**
Cortese **N/A**

Site 3 of 4 in cluster BK

Relative:
Lower

HAZNET:

Actual:
29 ft.

Gepaid:	CAL000040110
TSD EPA ID:	CAD093459485
Gen County:	San Francisco
Tsd County:	Fresno
Tons:	.0416
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Transfer Station
Contact:	PETER PAPAETRO
Telephone:	(000) 000-0000
Mailing Address:	2298 LOMBARD ST
	SAN FRANCISCO, CA 94123 - 2704
County	San Francisco
Gepaid:	CAL000040110
TSD EPA ID:	CAD089446710
Gen County:	San Francisco
Tsd County:	Los Angeles
Tons:	.2293
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Transfer Station
Contact:	PETER PAPAETRO
Telephone:	(000) 000-0000
Mailing Address:	2298 LOMBARD ST
	SAN FRANCISCO, CA 94123 - 2704
County	San Francisco
Gepaid:	CAL000040110
TSD EPA ID:	CAD000088252
Gen County:	San Francisco
Tsd County:	Los Angeles
Tons:	.4587
Waste Category:	Waste oil and mixed oil
Disposal Method:	Not reported
Contact:	PETER PAPAETRO
Telephone:	(000) 000-0000
Mailing Address:	2298 LOMBARD ST
	SAN FRANCISCO, CA 94123 - 2704
County	San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNOCAL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Gepaid: CAL000040110
 TSD EPA ID: CAD093459485
 Gen County: San Francisco
 Tsd County: Fresno
 Tons: .0416
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: Transfer Station
 Contact: PETER PAPAIIETRO
 Telephone: (000) 000-0000
 Mailing Address: 2298 LOMBARD ST
 SAN FRANCISCO, CA 94123 - 2704
 County San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 2298 LOMBARD ST

S104164645

BO262
 East
 > 1
 6732 ft.

ARLENE'S CLEANERS
2017 CHESTNUT STREET
SAN FRANCISCO, CA 94123

EMI S105936550
N/A

Site 4 of 4 in cluster BO

Relative:
Lower

EMISSIONS :
 Facility ID : 7360
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

Actual:
22 ft.

BK263
 East
 > 1
 6742 ft.

CHEVRON STATION #9-1300
2301 LOMBARD STREET
SAN FRANCISCO, CA 94123

LUST S105194353
N/A

Site 4 of 4 in cluster BK

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0455
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Post remedial action monitoring
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
30 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON STATION #9-1300 (Continued)

S105194353

Monitoring: 2/18/92 0:00
Close Date: Not reported
Release Date: 02/18/1992
Cleanup Fund Id : Not reported
Discover Date : 02/18/1992
Enforcement Dt : Not reported
Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : 2/19/02 0:00
Max MTBE GW : 300 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Medium priority
Local Case # : 10127
Beneficial: Not reported
Staff : VP
GW Qualifier : =
Max MTBE Soil : 0 Parts per Million
Soil Qualifier : ND
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500405
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10127
Facility Id: 38-0455
Facility Status: Post remedial action monitoring
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON STATION #9-1300 (Continued)

S105194353

Date Remediation Action Underway: 2/18/1992

LUST San Francisco County:

Facility ID: 38 0455
Region: SAN FRANCISCO
Notify: True
Lat/Long: 37.799471 / 122.438428
Priority: Moderate Priority Site
Case Type: Other ground water affected
Release Date: 2/18/92
Number of Wells: 11
Cross Street: PIERCE ST
Free Product: Yes
Amount of Free Produce: Not reported
MTBE: YES
Benzene: <10
Depth to Groundwater: 14.35 18.34
Gradient: W .03
Primary Substance: GASOLINE
Basin: Marina Basin
Enforcement Type: IEA
Enforcement Due Date: 03/14/01
NOR Date: 1/22/93
Closed Date: Not reported
Review Date: 10/31/02
Report Date: 02/18/92
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Not reported
Stopped Date: / /
How Discovered: Inventory Control
Discovered Date: 02/18/92
Case Number: 10127
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 2500
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 15000
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: CHEVRON U.S.A.
RP Address: Not reported
Operator: Not reported
Entered Date: 01/22/93
Facility Staff: AL
Facility Status: 8
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: 10/26/92
Pollution Characterization: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON STATION #9-1300 (Continued)

S105194353

Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: / /
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: 8357
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: PIERCE ST
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: 87000
 TPH Current Date: 8/6/02
 MTBE Current: 31
 MTBE Current Date: 8/6/02
 Ground Water Qualifier: <
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: TESTED 5/28/98;

BL264 RESIDENCE
East 40 CAPRA WAY
> 1 SAN FRANCISCO, CA 94123
6750 ft.

LUST S105248096
N/A

**Relative:
 Lower**

Site 2 of 4 in cluster BL

State LUST:

**Actual:
 17 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0901	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	2/10/97 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	10/08/1996		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248096

Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10787
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500796
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10787
Facility Id: 38-0901
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0901
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/8/96
Number of Wells: 0
Cross Street: PIERCE ST
Free Product: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248096

Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: Marina Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /
 NOR Date: 1/30/97
 Closed Date: 2/10/97
 Review Date: / /
 Report Date: 10/08/96
 Leak Source: Tank
 Leak Cause: Structure Failure
 How Stopped: Close Tank
 Stopped Date: 10/08/96
 How Discovered: Tank Closure
 Discovered Date: 10/08/96
 Case Number: 10787
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 01/30/97
 Facility Staff: AL
 Facility Status: 9
 Funding: Not reported
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 10/08/96
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 02/10/97
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: PIERCE ST
 Benzene Test: Not reported
 TPH Tested: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

S105248096

BL265
 East
 > 1
 6750 ft.

RESIDENCE
40 CAPRA WY
SAN FRANCISCO, CA 94123

HAZNET **S103657226**
Cortese **N/A**

Site 3 of 4 in cluster BL

Relative:
Lower

HAZNET:
 Gepaid: CAC001142128
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 2.0850
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: PIER POINTE INVESTORS II
 Telephone: (000) 000-0000
 Mailing Address: 3640 BUCHANAN ST
 SAN FRANCISCO, CA 94123
 County: San Francisco

Actual:
17 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 40 CAPRA WY

BQ266
 East
 > 1
 6767 ft.

98 CERVANTES
98 CERVANTES BLVD
SAN FRANCISCO, CA 94123

LUST **S102423561**
Cortese **N/A**

Site 1 of 2 in cluster BQ

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1359
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
15 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

98 CERVANTES (Continued)

S102423561

Close Date: 8/2/94 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 09/28/1993
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10217
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501244
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10217
Facility Id: 38-1359
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

98 CERVANTES (Continued)

S102423561

LUST San Francisco County:

Facility ID: 38 1359
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/8/93
Number of Wells: 0
Cross Street: ALHAMBRA ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 1/28/94
Closed Date: 8/2/94
Review Date: / /
Report Date: 09/08/93
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 09/28/93
Case Number: 10217
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 01/28/94
Facility Staff: AL
Facility Status: 9
Funding: R
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

98 CERVANTES (Continued)

S102423561

Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 08/02/94
 Abatement: No Action Taken
 CUFID: 7915
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: ALHAMBRA ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 98 CERVANTES BLVD

BQ267 FLYNN PROPERTY
East 1801 BEACH ST
> 1 SAN FRANCISCO, CA
6767 ft.

LUST S102430061
Cortese N/A

Site 2 of 2 in cluster BQ

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0559
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/11/94 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/25/1994
 Enforcement Dt : Not reported
 Enf Type: 2A
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: CDM

**Actual:
 15 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FLYNN PROPERTY (Continued)

S102430061

How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 10264
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500491
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10264
Facility Id: 38-0559
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0559
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.804118 / 122.438155
Priority: Low Priority Site
Case Type: Soil only
Release Date: 4/7/94

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FLYNN PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102430061

Number of Wells: 0
Cross Street: MALLORCA ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: 2A
Enforcement Due Date: / /
NOR Date: 5/3/94
Closed Date: 5/11/94
Review Date: / /
Report Date: 04/07/94
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 04/25/94
Case Number: 10264
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/03/94
Facility Staff: CDM
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 05/11/94
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FLYNN PROPERTY (Continued)

S102430061

Cross Street: MALLORCA ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 1801 BEACH ST

**BR268
 ESE
 > 1
 6851 ft.**

**DELANCY STREET PROPERTY
 2563 DIVISADERO ST
 SAN FRANCISCO, CA 94115**

**HAZNET S103960270
 Cortese N/A**

Site 1 of 2 in cluster BR

**Relative:
 Higher
 Actual:
 329 ft.**

HAZNET:
 Gepaid: CAC001377928
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 6.8596
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: DELANCEY STREET FOUNDATION
 Telephone: (415) 512-5108
 Mailing Address: 600 EMBARCADERO ST
 SAN FRANCISCO, CA 94107
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 2563 DIVISADERO ST

**BR269
 ESE
 > 1
 6851 ft.**

**DELANCY STREET PROPERTY
 2563 DIVISADERO STREET
 SAN FRANCISCO, CA 94115**

**LUST S103472567
 N/A**

Site 2 of 2 in cluster BR

**Relative:
 Higher
 Actual:
 329 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1181
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DELANCEY STREET PROPERTY (Continued)

S103472567

Case Type:	Soil only	Confirm Leak:	Not reported
Status:	Case Closed	Prelim Assess:	Not reported
Review Date:	Not reported	Remed Plan:	Not reported
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	10/27/98 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	08/19/1998		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	11073		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501068		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	11073
Facility Id:	38-1181
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DELANCEY STREET PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103472567

Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1181
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/17/98
Number of Wells: Not reported
Cross Street: BROADWAY
Free Product: No
Amount of Free Product: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/27/98
Closed Date: 10/27/98
Review Date: / /
Report Date: 08/17/98
Leak Source: Tank
Leak Cause: Spill
How Stopped: Repair Tank
Stopped Date: 08/18/98
How Discovered: Not reported
Discovered Date: 08/19/98
Case Number: 11073
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Delancey Street
RP Address: Not reported
Operator: Not reported
Entered Date: 10/27/98
Facility Staff: al
Facility Status: 9

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DELANCEY STREET PROPERTY (Continued)

S103472567

Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/27/98
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BROADWAY
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 1500 gallon

BL270 DI MAGGIO PROPERTY
East 10 CAPRA WAY
> 1 SAN FRANCISCO, CA 94115
6866 ft.

LUST S102532405
Cortese N/A

**Relative:
 Lower**

Site 4 of 4 in cluster BL

State LUST:

**Actual:
 17 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0878	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	4/3/97 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	03/06/1997		
Enforcement Dt :	Not reported		
Enf Type:	NOR		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DI MAGGIO PROPERTY (Continued)

S102532405

Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10795
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500773
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10795
Facility Id: 38-0878
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0878
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DI MAGGIO PROPERTY (Continued)

S102532405

Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 1/24/97
Number of Wells: 0
Cross Street: MALLORCA
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/20/97
Closed Date: 4/3/97
Review Date: / /
Report Date: 01/24/97
Leak Source: Other Source
Leak Cause: Unknown
How Stopped: Remove Contents
Stopped Date: 01/21/97
How Discovered: Tank Closure
Discovered Date: 03/06/97
Case Number: 10795
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 03/20/97
Facility Staff: SC
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: 1/21/97
Monitoring Begun: Not reported
Case Closed: 04/03/97
Abatement: No Action Required
CUFID: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DI MAGGIO PROPERTY (Continued)

S102532405

Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: MALLORCA
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported
 CORTESE:
 Region: CORTESE
 Fac Address 2: 10 Capra Way

BP271 FINLEY PROPERTY
ESE 2815 PACIFIC AVE
> 1 SAN FRANCISCO, CA 94115
6869 ft.

HAZNET S102429903
LUST N/A
Cortese

Site 3 of 3 in cluster BP

**Relative:
 Higher**

**Actual:
 336 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0739
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2/13/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/05/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FINLEY PROPERTY (Continued)

S102429903

MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10600
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500642
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10600
 Facility Id: 38-0739
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0739
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 1/5/96
 Number of Wells: 0
 Cross Street: DIVISADERO
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NRQ

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FINLEY PROPERTY (Continued)

S102429903

Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/8/96
Closed Date: 2/13/96
Review Date: / /
Report Date: 01/05/96
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 11/08/95
How Discovered: Tank Closure
Discovered Date: 01/05/96
Case Number: 10600
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 02/08/96
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 02/13/96
Abatement: Not reported
CUFID: 11265
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: DIVISADERO
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FINLEY PROPERTY (Continued)

S102429903

TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 1/5/96 [l]leak

HAZNET:

Gepaid: CAC001133544
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .3000
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: MR & MRS ROBERT FINLEY
 Telephone: (000) 000-0000
 Mailing Address: 2815 PACIFIC AVE
 SAN FRANCISCO, CA 94115
 County San Francisco

Gepaid: CAC001133544
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: .4170
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: MR & MRS ROBERT FINLEY
 Telephone: (000) 000-0000
 Mailing Address: 2815 PACIFIC AVE
 SAN FRANCISCO, CA 94115
 County San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 2815 PACIFIC AVE

**BS272
 ESE
 > 1
 6926 ft.**

**HOA - 2864 JACKSON ST.
 2864 JACKSON STREET
 SAN FRANCISCO, CA 94115**

**LUST S103472605
 N/A**

Site 1 of 2 in cluster BS

**Relative:
 Higher**

State LUST:

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0816
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported

Confirm Leak: Not reported

**Actual:
 288 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOA - 2864 JACKSON ST. (Continued)

S103472605

Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	9/27/96 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	08/15/1996		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	10691		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500712		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10691
Facility Id:	38-0816
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Wokplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HOA - 2864 JACKSON ST. (Continued)

S103472605

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0816
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 7/5/96
Number of Wells: 0
Cross Street: BRODERICK
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/24/96
Closed Date: 9/27/96
Review Date: / /
Report Date: 07/05/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 06/26/96
How Discovered: Tank Closure
Discovered Date: 08/15/96
Case Number: 10691
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 09/24/96
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOA - 2864 JACKSON ST. (Continued)

S103472605

Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/27/96
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BRODERICK
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

BS273 2864 66 ACKSON ST HOA
ESE 2864 JACKSON ST
> 1 SAN FRANCISCO, CA 94115
6926 ft.

HAZNET S103649631
Cortese N/A

**Relative:
 Higher**

Site 2 of 2 in cluster BS

**Actual:
 288 ft.**

HAZNET:
 Gepaid: CAC001215672
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: .8340
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: JOANN HORNING
 Telephone: (415) 563-6317
 Mailing Address: 2864 JACKSON ST
 SAN FRANCISCO, CA 94115
 County San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 2864 JACKSON ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BT274 **1X CHEVRON USA, STATION #90197**
SE **3201 CALIFORNIA STREET**
> 1 **SAN FRANCISCO, CA 94583**
6933 ft.

HAZNET **S103946881**
LUST **N/A**

Site 1 of 3 in cluster BT

Relative:
Higher

LUST Region 2:
 Region: 2
 Case Number: 10001
 Facility Id: 38-0091
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

Actual:
256 ft.

LUST San Francisco County:

Facility ID: 38 0091
 Region: SAN FRANCISCO
 Notify: True
 Lat/Long: 37.787186 / 122.44585
 Priority: Moderate Priority Site
 Case Type: Other ground water affected
 Release Date: 7/1/88
 Number of Wells: 2
 Cross Street: PRESIDIO AVE
 Free Product: No
 Amount of Free Product: Not reported
 MTBE: YES
 Benzene: 640
 Depth to Groundwater: 27 32
 Gradient: Not reported
 Primary Substance: GASOLINE
 Basin: DOWNTOWN
 Enforcement Type: IEA
 Enforcement Due Date: 05/11/00
 NOR Date: 4/22/92
 Closed Date: Not reported
 Review Date: 04/24/01
 Report Date: 07/01/88
 Leak Source: Tank
 Leak Cause: Structure Failure
 How Stopped: Close Tank
 Stopped Date: 07/01/88
 How Discovered: Tank Closure
 Discovered Date: 07/01/88
 Case Number: 10001
 Staff Initial: VP
 Substance: Gasoline
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: 210
 MTBE DATE: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

1X CHEVRON USA, STATION #90197 (Continued)

S103946881

Max Soil Concentration: Not reported
Maximum Soil GW: 1900
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: CHEVRON U.S.A.
RP Address: Not reported
Operator: Not reported
Entered Date: 04/22/92
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: 11/30/88
Corrective Action Plan: 7/2/96
Remediation Underway: Not reported
Monitoring Begun: 7/11/96
Case Closed: 02/27/02
Abatement: No Action Taken
CUFID: 8277
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: PRESIDIO AVE
Benzene Test: YES
TPH Tested: YES
Max TPH GW: 5100
Max TPH Soil: 3500
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: 7300
TPH Current Date: 7/25/00
MTBE Current: 81
MTBE Current Date: 7/25/00
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: TESTED 10 8 97/

HAZNET:

Gepaid: CAC000149165
TSD EPA ID: CAD028409019
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .0006
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Contact: CHEVRON USA
Telephone: (000) 000-0000
Mailing Address: P.O. BOX 5004
SAN RAMON, CA 94583 - 0804
County: San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BT275
SE
 > 1
 6933 ft.

CHEVRON STATION #9-0107
3201 CALIFORNIA STREET
SAN FRANCISCO, CA 94118

LUST **S105194310**
N/A

Site 2 of 3 in cluster BT

Relative:
Higher

State LUST:

Actual:
256 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0091
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/1/88 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 07/01/1988
 Enforcement Dt : Not reported
 Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : 7/25/00 0:00
 Max MTBE GW : 81 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Medium priority
 Local Case # : 10001
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500082
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON STATION #9-0107 (Continued)

S105194310

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

BT276
SE
 > 1
 6933 ft.

EWISH COMMUNITY CENTER
3200 CALIFORNIA ST
SAN FRANCISCO, CA 94115

HAZNET S103652515
CHMIRS N/A

Site 3 of 3 in cluster BT

Relative:
Higher

Actual:
256 ft.

HAZNET:
 Gepaid: CAC000762720
 TSD EPA ID: CAL000027741
 Gen County: San Francisco
 Tsd County: 5
 Tons: 6.7424
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: JEWISH COMMUNITY CTR INC
 Telephone: (415) 771-3362
 Mailing Address: 3200 CALIFORNIA ST
 SAN FRANCISCO, CA 94115
 County San Francisco

CHMIRS:
 OES Control Number: 97-1279
 Chemical Name: Miriatic Acid
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported
 Agency Id Number : Not reported
 Agency Incident Number : Not reported
 OES Incident Number : 97-1279
 Time Notified : Not reported
 Surrounding Area : Not reported
 Estimated Temperature : Not reported
 Property Management : Not reported
 More Than Two Substances Involved? : Not reported
 Special Studies 1 : Not reported
 Special Studies 2 : Not reported
 Special Studies 3 : Not reported
 Special Studies 4 : Not reported
 Special Studies 5 : Not reported
 Special Studies 6 : Not reported
 Responding Agency Personel # Of Injuries : Not reported
 Responding Agency Personel # Of Fatalities : 0
 Resp Agncy Personel # Of Decontaminated : Not reported
 Others Number Of Decontaminated : Not reported
 Others Number Of Injuries : Not reported
 Others Number Of Fatalities : Not reported
 Vehicle Make/year : Not reported
 Vehicle License Number : Not reported
 Vehicle State : Not reported
 Vehicle Id Number : Not reported
 CA/DOT/PUC/ICC Number : Not reported
 Company Name : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EWISH COMMUNITY CENTER (Continued)

S103652515

Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Other
Cleanup By :	Dept of Public Health, contractor
Containment :	Yes
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	3/28/1997 11:17:35 PM
Evacuations :	23
True date :	12/31/03
Year :	1997
Agency :	San Francisco FD
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	2
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0
Description :	Employee of club accidentally pored substance into pool (instead of chlorine). heavy smell of hydrochloric acid. 13 employees and 10 firefighters to hospital for observation. all released. No injuries found.
Incident date :	3/28/1997 12:00:00 AM
Admin Agency :	San Francisco County Health Department
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

BU277 2435 UNION ST
ESE 2435 UNION ST
 > 1 SAN FRANCISCO, CA 94123
 6936 ft.

Cortese S100861541
 N/A

Relative:
Higher

Site 1 of 3 in cluster BU

CORTESE:
 Region: CORTESE
 Fac Address 2: 2435 UNION ST

Actual:
 89 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BU278 **2435 UNION ST.**
ESE **2435 UNION STREET**
> 1 **SAN FRANCISCO, CA 94123**
6936 ft.

LUST **S102423409**
 N/A

Site 2 of 3 in cluster BU

Relative:
Higher

State LUST:

Actual:
89 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0592	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	6/15/95 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	08/01/1993		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	10431		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500517		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2435 UNION ST. (Continued)

S102423409

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10431
Facility Id: 38-0592
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0592
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 8/1/93
Number of Wells: 0
Cross Street: PIERCE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/25/95
Closed Date: 6/15/95
Review Date: / /
Report Date: 08/01/93
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 08/01/93
Case Number: 10431
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

2435 UNION ST. (Continued)

S102423409

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: HILL AND CO.
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 05/25/95
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/15/95
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: PIERCE ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 8/1/93 [leak

BV279 RESIDENCE
ENE 42-44 CASA WAY
> 1 SAN FRANCISCO, CA 94123
6960 ft.

LUST S106162441
N/A

Site 1 of 3 in cluster BV

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1058
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L

**Actual:
 11 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S106162441

Case Type:	Soil only	Confirm Leak:	10/8/96 0:00
Status:	Case Closed	Prelim Assess:	Not reported
Review Date:	10/8/96 0:00	Remed Plan:	Not reported
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	6/10/03 0:00		
Release Date:	07/09/1996		
Cleanup Fund Id :	Not reported		
Discover Date :	07/09/1996		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	10750		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500951		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10750
Facility Id:	38-1058
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S106162441

Date Leak Confirmed: 10/8/1996
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

BW280
East
> 1
6966 ft.

RESIDENCE
225 MALLORCA WY
SAN FRANCISCO, CA 94123

LUST **S105248043**
Cortese **N/A**

Site 1 of 2 in cluster BW

Relative:
Lower

State LUST:

Actual:
18 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0862
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/15/97 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 12/02/1996
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10772
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248043

Responsible Party: Not reported
RP Address: Not reported
Global Id: T0607500757
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10772
Facility Id: 38-0862
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0862
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/21/96
Number of Wells: 0
Cross Street: CAPRA WY
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Islais Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 1/10/97
Closed Date: 1/15/97
Review Date: / /
Report Date: 10/21/96
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 09/26/96
How Discovered: Tank Closure

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248043

Discovered Date: 12/02/96
Case Number: 10772
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 01/10/97
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 01/15/97
Abatement: Excavate and Dispose (landfill) of soil
Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: CAPRA WY
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported
CORTESE:
Region: CORTESE
Fac Address 2: 225 MALLORCA WY

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BX281
South
> 1
6987 ft.

FORMER COLISEUM
745 CLEMENT ST.
SAN FRANCISCO, CA 94118

LUST **S105628318**
N/A

Site 1 of 2 in cluster BX

Relative:
Higher

LUST San Francisco County:

Actual:
183 ft.

Facility ID: 02 102 006
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: 9th Ave.
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: Not reported
 Basin: LOBOS
 Enforcement Type: NOR
 Enforcement Due Date: 03/12/02
 NOR Date: Not reported
 Closed Date: Not reported
 Review Date: / /
 Report Date: 03/06/02
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 08/01/00
 How Discovered: Tank Closure
 Discovered Date: 08/01/00
 Case Number: 11495
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: 08/01/00
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Daniel Schalit
 Entered Date: 03/12/02
 Facility Staff: SN
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 08/01/00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FORMER COLISEUM (Continued)

S105628318

Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 03/29/02
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: 9th Ave.
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 4.2
 TPH Date: 08/01/00
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

BX282
South
> 1
6987 ft.

9TH/CLEMENT ASSOCIATES LLC
745 CLEMENT ST
SAN FRANCISCO, CA 94118

HAZNET **S105688872**
LUST **N/A**

Site 2 of 2 in cluster BX

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2165
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/6/02 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 08/01/2000
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SN

Actual:
183 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

9TH/CLEMENT ASSOCIATES LLC (Continued)

S105688872

How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11495
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607510754
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11495
Facility Id: 38-2165
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

9TH/CLEMENT ASSOCIATES LLC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

HAZNET:
 Gepaid: CAC002427383
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 6.25
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: CATHY KELLER/GOLDEN GATE TANK
 Telephone: (415) 512-1555
 Mailing Address: 121 SPEAR ST STE 250
 SAN FRANCISCO, CA 94105
 County: Not reported

S105688872

BY283
 East
 > 1
 7006 ft.

CERVANTES PARTNERSHIP
65 CERVANTES BLVD
SAN FRANCISCO, CA 94123

HAZNET **S104579851**
Cortese **N/A**

Site 1 of 4 in cluster BY

Relative:
Lower

HAZNET:
 Gepaid: CAL000159944
 TSD EPA ID: CAT080013352
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: 0.2293
 Waste Category: Unspecified aqueous solution
 Disposal Method: Not reported
 Contact: 65 CERVANTES PTNRSHP
 Telephone: (000) 000-0000
 Mailing Address: 466 GREEN ST STE 200
 SAN FRANCISCO, CA 94133 - 4067
 County: San Francisco

Actual:
17 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 65 CERVANTES BLVD

BY284
 East
 > 1
 7006 ft.

CERVANTES PARTNERSHIP
65 CERVANTES BL
SAN FRANCISCO, CA 94123

LUST **S102426512**
N/A

Site 2 of 4 in cluster BY

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0496
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported

Actual:
17 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CERVANTES PARTNERSHIP (Continued)

S102426512

Monitoring: Not reported
 Close Date: 2/14/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 02/01/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: 2A4
 Local Case # : 10601
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500442
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10601
 Facility Id: 38-0496
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CERVANTES PARTNERSHIP (Continued)

S102426512

Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0496
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.804137 / 122.437782
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 1/26/96
Number of Wells: 0
Cross Street: BEACH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/8/96
Closed Date: 2/14/96
Review Date: / /
Report Date: 01/26/96
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 02/01/96
Case Number: 10601
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 02/08/96
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CERVANTES PARTNERSHIP (Continued)

S102426512

Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 02/14/96
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BEACH ST
 Benzene Test: Not reported
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 3900
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

BW285 PACIFIC GAS IMPROVEMENT CO.
East FILLMORE STREET
> 1 SAN FRANCISCO, CA 94123
7030 ft.

Coal Gas G000000736
N/A

Relative:
Lower

Site 2 of 2 in cluster BW

COAL GAS SITE DESCRIPTION:

1899 Pacific Gas Improvement Co. is on the western side of Fillmore southwest of Bay. Site extends south to Toledo Way. Site is bisected by Mallorca Way. By 19 nd by 1948, block is occupied by apartment developeets.ment and Francisco Street

Actual:
20 ft.

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BU286 THE ESTATE OF ANNETTE R HENRY
ESE 2901 PIERCE ST
> 1 SAN FRANCISCO, CA 94123
7086 ft.

HAZNET S105790732
LUST N/A

Relative:
Lower

Site 3 of 3 in cluster BU

State LUST:

Cross Street: FILBERT STREET
 Qty Leaked: 0
 Case Number 38-2197
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Leak being confirmed
 Review Date: 10/8/02 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported

Actual:
80 ft.

Confirm Leak: 10/8/02 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

THE ESTATE OF ANNETTE R HENRY (Continued)

S105790732

Monitoring: Not reported
Close Date: Not reported
Release Date: 01/09/2003
Cleanup Fund Id : Not reported
Discover Date : 10/08/2002
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: UNK
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 11536
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : 10/08/2002
Work Suspended :Not reported
Responsible Party:GARY GORDON
RP Address: 2901 PIERCE STREET
Global Id: T0607520473
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11536
Facility Id: 38-2197
Facility Status: Leak being confirmed
How Discovered: TC
Leak Cause: UNK
Leak Source: Tank
Date Leak Confirmed: 10/8/2002
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

THE ESTATE OF ANNETTE R HENRY (Continued)

S105790732

Date Remediation Action Underway: Not reported

HAZNET:

Gepaid: CAC002556808
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Contra Costa
 Tons: 0.05
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: GARY
 Telephone: (415) 923-7627
 Mailing Address: 2901 PIERCE ST
 SAN FRANCISCO, CA 94123
 County: Not reported

BV287
East
> 1
7092 ft.

APARTMENT
7 CASA WAY
SAN FRANCISCO, CA 94123

HAZNET **S104566479**
LUST **N/A**
Cortese

Site 2 of 3 in cluster BV

Relative:
Lower

State LUST:

Actual:
13 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1445
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/1/99 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 09/23/1999
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Medium priority
 Local Case #: 11299
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

APARTMENT (Continued)

S104566479

Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501329
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11299
Facility Id: 38-1445
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1445
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Moderate Priority Site
Case Type: Other ground water affected
Release Date: 9/23/99
Number of Wells: Not reported
Cross Street: Retiro Way
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: MARINA BASIN
Enforcement Type: NOR
Enforcement Due Date: 09/28/99
NOR Date: 9/28/99

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

APARTMENT (Continued)

S104566479

Closed Date: 11/1/99
Review Date: 09/28/99
Report Date: 09/23/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 09/23/99
How Discovered: Tank Closure
Discovered Date: 09/23/99
Case Number: 11299
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Nancy Stewart
Entered Date: 09/28/99
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 09/23/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 11/01/99
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Retiro Way
Benzene Test: ND
TPH Tested: YES
Max TPH GW: 270
Max TPH Soil: ND
TPH Date: 09/24/99
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENT (Continued)

S104566479

Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

HAZNET:
 Gepaid: CAC001321712
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 6.1882
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: MARY FIGONE
 Telephone: (415) 921-4779
 Mailing Address: 22 TOLEDO WAY
 SAN FRANCISCO, CA 94123
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 7 Casa Way

288 ARIMA PROPERTY
South 343 5TH AVE
> 1 SAN FRANCISCO, CA 94118
7094 ft.

Cortese S102424634
N/A

Relative: CORTESE:
Higher Region: CORTESE
 Fac Address 2: 343 5TH AVE

Actual:
184 ft.

BZ289 RESIDENCE
ESE 2566 VALLEJO STREET
> 1 SAN FRANCISCO, CA 94107
7111 ft.

LUST S105248057
N/A

Relative: **Site 1 of 2 in cluster BZ**
Higher State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0869
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/21/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 11/15/1996

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248057

Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10777
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500764
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10777
Facility Id: 38-0869
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0869
Region: SAN FRANCISCO

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248057

Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 12/11/96
Number of Wells: 0
Cross Street: SCOTT ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 1/10/97
Closed Date: 1/21/97
Review Date: / /
Report Date: 12/11/96
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Close Tank
Stopped Date: 11/13/96
How Discovered: Tank Closure
Discovered Date: 11/15/96
Case Number: 10777
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 01/10/97
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 01/21/97

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248057

Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: SCOTT ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 12/11/96 [leak]

BZ290
ESE
 > 1
 7111 ft.

RESIDENCE
2566 VALLEJO ST
SAN FRANCISCO, CA 94123

HAZNET S103647031
Cortese N/A

Site 2 of 2 in cluster BZ

Relative:
Higher

HAZNET:
 Gepaid: CAC001064432
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 4.1700
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: NORMAN YEON
 Telephone: (000) 000-0000
 Mailing Address: 2566 VALLEJO ST
 SAN FRANCISCO, CA 94123
 County: San Francisco

Actual:
175 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 2566 VALLEJO ST

BV291
East
 > 1
 7116 ft.

2 CASA WAY
SAN FRANCISCO, CA 94123

CHMIRS S105666917
N/A

Site 3 of 3 in cluster BV

Relative:
Lower

CHMIRS:
 OES Control Number: 00-2853
 Chemical Name: Sulphur Dioxide
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported

Actual:
13 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105666917

Time Completed : Not reported
 Agency Id Number : Not reported
 Agency Incident Number : Not reported
 OES Incident Number : 00-2853
 Time Notified : Not reported
 Surrounding Area : Not reported
 Estimated Temperature : Not reported
 Property Management : Not reported
 More Than Two Substances Involved? : Not reported
 Special Studies 1 : Not reported
 Special Studies 2 : Not reported
 Special Studies 3 : Not reported
 Special Studies 4 : Not reported
 Special Studies 5 : Not reported
 Special Studies 6 : Not reported
 Responding Agency Personel # Of Injuries : Not reported
 Responding Agency Personel # Of Fatalities : 0
 Resp Agncy Personel # Of Decontaminated : Not reported
 Others Number Of Decontaminated : Not reported
 Others Number Of Injuries : Not reported
 Others Number Of Fatalities : Not reported
 Vehicle Make/year : Not reported
 Vehicle License Number : Not reported
 Vehicle State : Not reported
 Vehicle Id Number : Not reported
 CA/DOT/PUC/ICC Number : Not reported
 Company Name : Not reported
 Reporting Officer Name/ID : Not reported
 Report Date : Not reported
 Comments : Not reported
 Facility Telephone Number : Not reported
 Waterway Involved : No
 Waterway : Not reported
 Spill Site : Residence
 Cleanup By : Responsible Party
 Containment : Yes
 What Happened : Not reported
 Type : Not reported
 Other : Not reported
 Chemical 1 : Not Reported
 Chemical 2 : Not Reported
 Chemical 3 : Not Reported
 Date/Time : 6/26/200007:18:17 PM
 Evacuations : 6
 True date : 12/31/03
 Year : 2000
 Agency : San Francisco Fire Dept.
 BBLS : 0
 Cups : 0
 CUFT : 0
 Gallons : 0.000000
 Grams : 0
 Pounds : 0
 Liters : 0
 Ounces : 0
 Pints : 0
 Quarts : 0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105666917

Sheen :	0	
Tons :	0	
Unknown :	0	
Description :		A worker was moving an old compressor. The worker did not know that cylinder was full and cut hose. Vapors went through the four story apartment building and six people were evacuated for a short period of time.
Incident date :		6/26/200012:00:00 AM
Admin Agency :		San Francisco County Health Department
OES date :		Not reported
OES time :		Not reported
Amount :		Not reported

BY292
East
> 1
7144 ft.

RESIDENCE
1745 BEACH ST
SAN FRANCISCO, CA 94121

HAZNET **S103636240**
Cortese **N/A**

Site 3 of 4 in cluster BY

Relative:
Lower

HAZNET:

Actual:
16 ft.

Gepaid:	CAC001150992
TSD EPA ID:	NVD982358483
Gen County:	San Francisco
Tsd County:	99
Tons:	1.8765
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Contact:	WOO FAMILY TRUST
Telephone:	(000) 000-0000
Mailing Address:	34 MARVEL CT
	SAN FRANCISCO, CA 94121
County	San Francisco
Gepaid:	CAC001150992
TSD EPA ID:	CAL000161741
Gen County:	San Francisco
Tsd County:	1
Tons:	1.2927
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Contact:	WOO FAMILY TRUST
Telephone:	(000) 000-0000
Mailing Address:	34 MARVEL CT
	SAN FRANCISCO, CA 94121
County	San Francisco

CORTESE:

Region:	CORTESE
Fac Address 2:	1745 BEACH ST

BY293
East
> 1
7144 ft.

RESIDENCE
1745 BEACH STREET
SAN FRANCISCO, CA 94121

LUST **S105248026**
N/A

Site 4 of 4 in cluster BY

Relative:
Lower

State LUST:

Actual:
16 ft.

Cross Street:	Not reported
Qty Leaked:	0
Case Number	38-0971

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248026

Reg Board: 2
Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 3/4/98 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 01/06/1998
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10928
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500864
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:
Region: 2
Case Number: 10928
Facility Id: 38-0971

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248026

Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Wokplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

LUST San Francisco County:

Facility ID:	38 0971
Region:	SAN FRANCISCO
Notify:	False
Lat/Long:	Not reported
Priority:	Unranked by RWQCB
Case Type:	Soil only
Release Date:	10/14/97
Number of Wells:	Not reported
Cross Street:	FILLMORE ST
Free Product:	No
Amount of Free Produce:	Not reported
MTBE:	NRQ
Benzene:	Not reported
Depth to Groundwater:	Not reported
Gradient:	Not reported
Primary Substance:	FUEL OILS NOS. 1
Basin:	Lobos Basin
Enforcement Type:	NOR
Enforcement Due Date:	/ /
NOR Date:	2/20/98
Closed Date:	3/4/98
Review Date:	/ /
Report Date:	10/14/97
Leak Source:	Unknown
Leak Cause:	Unknown
How Stopped:	Close Tank
Stopped Date:	/ /
How Discovered:	Tank Closure
Discovered Date:	01/06/98
Case Number:	10928
Staff Initial:	VP
Substance:	Heater Fuel
Substance Qty:	Not reported
Interim Remediation:	Y
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	Not reported
Maximum Soil GW:	ND
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	1
Reg Board:	2
Responsible Party:	WILBUR WOO
RP Address:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248026

Operator: Not reported
 Entered Date: 02/20/98
 Facility Staff: MA
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 03/04/98
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: FILLMORE ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

294
 ESE
 > 1
 7184 ft.

RESIDENTIAL PROPERTY
2411 GREEN STREET
SAN FRANCISCO, CA 94123

LUST S106162324
N/A

Relative:
Higher

State LUST:

Actual:
97 ft.

Cross Street: SCOTT
 Qty Leaked: 0
 Case Number: 38-2262
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 4/9/93 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/28/04 0:00
 Release Date: 05/18/1993
 Confirm Leak: 4/9/93 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL PROPERTY (Continued)

S106162324

Cleanup Fund Id : Not reported
 Discover Date : 04/09/1993
 Enforcement Dt : Not reported
 Enf Type: CLOS
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11601
 Beneficial: Not reported
 Staff : GVL
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 04/09/1993
 Work Suspended :Not reported
 Responsible Party:ANDREW HEATON
 RP Address: 2411 GREEN STREET
 Global Id: T0607525944
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:
 Region: 2
 Case Number: 11601
 Facility Id: 38-2262
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 4/9/1993
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

CA295 **ZAVETSKY RESIDENCE**
East **160 MALLORCA WY**
> 1 **SAN FRANCISCO, CA 94123**
7187 ft.

HAZNET **S102441476**
Cortese **N/A**

Site 1 of 5 in cluster CA

Relative:
Lower

HAZNET:

Actual:
23 ft.

Gepaid: CAC001024544
 TSD EPA ID: CAD982042475
 Gen County: San Francisco
 Tsd County: Solano
 Tons: 6.7424
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: IRVIN ZARETSKY
 Telephone: (415) 922-7609
 Mailing Address: NIBBI BROTHERS
 SAN FRANCISCO, CA 94107
 County San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 160 MALLORCA WY

CA296 **ZAVETSKY RESIDENCE**
East **160 MALLORCA WAY**
> 1 **SAN FRANCISCO, CA 94123**
7187 ft.

LUST **S102441477**
 N/A

Site 2 of 5 in cluster CA

Relative:
Lower

State LUST:

Actual:
23 ft.

Cross Street:	Not reported	
Qty Leaked:	0	
Case Number	38-0715	
Reg Board:	2	
Chemical:	Heater Fuel	
Lead Agency:	Local Agency	
Local Agency :	38000L	
Case Type:	Soil only	
Status:	Case Closed	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	2/6/96 0:00	
Release Date:	Not reported	
Cleanup Fund Id :	Not reported	
Discover Date :	11/09/1995	
Enforcement Dt :	Not reported	
Enf Type:	NOR	
Enter Date :	Not reported	
Funding:	Not reported	
Staff Initials:	MA	
How Discovered:	Not reported	
How Stopped:	Not reported	
Interim :	Not reported	
Leak Cause:	Not reported	
Leak Source:	Not reported	
MTBE Date :	Not reported	
Max MTBE GW :	Not reported	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ZAVETSKY RESIDENCE (Continued)

S102441477

MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10573
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500624
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10573
Facility Id: 38-0715
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0715
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/13/95
Number of Wells: 0
Cross Street: ALHAMBRA ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ZAVETSKY RESIDENCE (Continued)

S102441477

Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Islais Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/20/95
Closed Date: 2/6/96
Review Date: / /
Report Date: 10/13/95
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Not reported
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 11/09/95
Case Number: 10573
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 16
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 12/20/95
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 12/29/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 02/06/96
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: ALHAMBRA ST
Benzene Test: YES
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ZAVETSKY RESIDENCE (Continued)

S102441477

Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**297
 SSE
 > 1
 7194 ft.**

**RESIDENCE
 158 JORDAN AVE
 SAN FRANCISCO, CA 94118**

**HAZNET S103633364
 LUST N/A
 Cortese**

**Relative:
 Higher**

State LUST:

**Actual:
 212 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0932
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/18/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 06/24/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10853
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103633364

Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500826
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10853
Facility Id: 38-0932
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0932
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 6/25/97
Number of Wells: Not reported
Cross Street: EUCLID
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/25/97
Closed Date: 9/18/97
Review Date: / /
Report Date: 06/25/97
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 06/25/97

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103633364

How Discovered: Tank Closure
Discovered Date: 06/24/97
Case Number: 10853
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: DONALD KRONER
RP Address: Not reported
Operator: Not reported
Entered Date: 07/25/97
Facility Staff: AL
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/18/97
Abatement: Pump and Treat Ground Water
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: EUCLID
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103633364

HAZNET:

Gepaid: CAC001303176
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 1.2510
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: DONALD KRONEN
 Telephone: (000) 000-0000
 Mailing Address: 158 JORDAN AVE
 SAN FRANCISCO, CA 94118
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 158 JORDAN AVE

**CA298
 East
 > 1
 7202 ft.**

**RESIDENCE
 145 MALLORCA WAY
 SAN FRANCISCO, CA 94123**

**LUST S105077581
 N/A**

Site 3 of 5 in cluster CA

**Relative:
 Lower**

State LUST:

**Actual:
 24 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2081
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/12/01 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 06/12/2001
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Medium priority
 Local Case # : 11455
 Beneficial: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105077581

Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607565498
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11455
Facility Id: 38-2081
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 301 004
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Moderate Priority Site
Case Type: Other ground water affected
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Toledo
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: MARINA BASIN
Enforcement Type: NOR

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105077581

Enforcement Due Date: 07/24/01
NOR Date: Not reported
Closed Date: Not reported
Review Date: 09/07/01
Report Date: 06/12/01
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 06/12/01
How Discovered: Tank Closure
Discovered Date: 06/12/01
Case Number: 11455
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 06/12/01
Max Soil Concentration: 0.49
Maximum Soil GW: 490
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Emily Etcheverry
Entered Date: 07/24/01
Facility Staff: MA
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 06/12/01
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/07/01
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Toledo
Benzene Test: YES
TPH Tested: YES
Max TPH GW: 140,000
Max TPH Soil: 8,400
TPH Date: 06/12/01
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

S105077581

MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CB299
East
> 1
7204 ft.

SHELL OIL CO
2199 LOMBARD
SAN FRANCISCO, CA 94123

RCRIS-SQG **1000288554**
FINDS **CAD981400526**
Cortese
UST

Site 1 of 2 in cluster CB

Relative:
Lower

RCRIS:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAD981400526
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
35 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system

CORTESE:

Region: CORTESE
 Fac Address 2: 2199 LOMBARD ST

UST San Francisco County:

Facility ID: 4526	Case Number: Not reported
Tank ID: Not reported	Owner Name: Not reported
Receive Date: Not reported	Close Date: 12/28/1987
Certified Date: Not reported	
Mailing Address: Not reported	
Care Of Address : Not reported	Number Of Tanks : 1
Local Tank Id : Not reported	Tank Manufacturer Not reported
Compartmentalized Tank :	Not reported
Date Tank Installed :	Not reported
Tank Capacity :	Not reported
# Of Tank Compartments :	Not reported
Additional Desc : Not reported	Tank Use : Not reported
Petroleum Type : Not reported	Common Name : Not reported
Type Of Tank :	Not reported
Tank Material - Primary Tank :	Not reported
Tank Material - Secondary Tank :	Not reported
Tank Interior Lining/coating :	Not reported
Tank Int Lining Install Dt:	Not reported
Other Tank Corrosive Protection :	Not reported
Date Tank Corrosive Protection Install :	Not reported
Type Of Spill Protection :	
Spill Containment :	Not reported
Drop Tube :	Not reported
Striker Plate :	Not reported
Year Overfill Protection Equipment Installed :	
Alarm :	Not reported
Ball Float :	Not reported
Fill Tube Shut :	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHELL OIL CO (Continued)

1000288554

Exempt :	Not reported
Tank Leak Detection (Single Wall) :	
Visual (Exposed Portion) :	Not reported
Automatic Tank Gauging :	Not reported
Continuous Atg :	Not reported
Statscl Invntry Reconciliation & Biennial Tank Test :	Not reported
Manual Tank Gauging :	Not reported
Vadose Zone Tank Leak Detection :	Not reported
Groundwater :	Not reported
Tank Testing :	Not reported
Other Detection :	Not reported
Tank Leak Detection (Double Wall) :	
Visual (Single Wall In Vault Only) :	Not reported
Continuous Interstitial Monitoring :	Not reported
Manual Monitoring :	Not reported
Other Leak Detection :	Not reported
Estimated Date Last Used :	Not reported
Estimated Qty Of Substance Remaining :	Not reported
Tank Filled With Inert Material :	Not reported
Piping System Type (Underground) :	
Pressure :	Not reported
Suction :	Not reported
Gravity :	Not reported
Piping System Type (Aboveground) :	
Pressure :	Not reported
Suction :	Not reported
Gravity :	Not reported
Piping Construction (Underground) :	
Single Wall :	Not reported
Double Wall :	Not reported
Lined Trench :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Manufacturer (Underground) :	Not reported
Piping Construction (Aboveground) :	
Single Wall :	Not reported
Double Wall :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Manufacturer (Aboveground) :	Not reported
Piping Mat. And Corrosion Protection (Underground) :	
Bare Steel :	Not reported
Stainless Steel :	Not reported
Plastic Compatible With Contents :	Not reported
Fiberglass :	Not reported
Steel W/coating :	Not reported
FRP Compatible W/100% Methanol :	Not reported
Galvanized Steel :	Not reported
Flexible (HDPE - High Density Polyethylene) :	Not reported
Cathodic Protection :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Mat. & Corrosion Protec (Aboveground) :	
Bare Steel :	Not reported
Stainless Steel :	Not reported
Plastic Compatible With Contents :	Not reported
Fiberglass :	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHELL OIL CO (Continued)

1000288554

Steel W/coating :	Not reported
Frp Compatible W/100% Methanol :	Not reported
Galvanized Steel :	Not reported
Flexible (HDPE - High Density Polyethylene) :	Not reported
Cathodic Protec n :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Leak Detection (Underground - Single Wall) :	
Electronic Line Leak Detector/ Auto Shutoff/ Alarms :	Not reported
Monthly 0.2 Gph Test :	Not reported
Annual Integrity Test :	Not reported
Daily Visual Monitrng ,Trienn Integrity Test :	Not reported
Self Monitoring :	Not reported
Biennial Integrity Test :	Not reported
Piping Leak Detection (Secondarily Contained) :	
Sump Sensor, Alarms ,Auto Shutoff For Leaks :	Not reported
Sump Snsr, Alm ,Auto Shutoff For Leaks, Failure, & Disconnect :	Not reported
Sump Sensor ,Alarms ,No Auto Shutoff :	Not reported
Pressure, Auto Leak Detctr ,Flow Shutoff Or Restrictn	Not reported
Annual Integrity Test :	Not reported
Suction,Gravity ,Sump Sensor,Alarms :	Not reported
Piping Leak Detection (Emergency Generators) :	
Sump Sensor W/O Auto Shutoff /Alarms :	Not reported
Auto Leak Detector W/O Flow Shutoff Or Restrctn :	Not reported
Annual Integrity Test :	Not reported
Piping Leak Detecn Abvegrnd - Emrgncy Gen - Daily Visual Chk :Not reported	
Pipe Integrity Test, Underground :	
Not reported	
Piping Leak Detection (Aboveground - Single Wall) :	
Electronic Line Leak Detector /Auto Shutoff /Alarms :	Not reported
Monthly 0.2 Gph Test :	Not reported
Annual Integrity Test :	Not reported
Single Wall, Pressure Daily Visual Check :	Not reported
Single Wall, Suction - Daily Visual Monitoring :	Not reported
Triennial Integrity Test :	Not reported
Self Monitoring :	Not reported
Single Wall, Gravity - Daily Visual Monitoring :	Not reported
Biennial Integrity Test :	Not reported
Piping Leak Detection (Aboveground - Secondarily Contained)	
Sump Sensor, Alarms, Auto Shutoff For Leaks :	Not reported
Piping Leak Detection (Underground - Secondarily Contained)	
Sump Snsr, Alm , Auto Shutoff For Leaks, Failre & Disconct :	Not reported
Sump Sensor, Alarms, No Auto Shutoff :	Not reported
Pressure - Auto Leak Detctr, Flow Shutoff /Restrctn :	Not reported
Annual Integrity Test :	Not reported
Suction/gravity - Sump Sensor , Alarms :	Not reported
Piping Leak Detection Underground (Emergency Generators)	
Sump Sensor Without Auto Shutoff , Alarms :	Not reported
Auto Leak Detector W/o Flow Shutoff Or Restrctn :	Not reported
Annual Integrity Test :	Not reported
Daily Visual Check :	Not reported
Pipe Integrity Test, Aboveground :	
Not reported	
Date Dispenser Containment Installed :	
Not reported	
Dispenser Containment Type :	
Not reported	
Date Certified (Tank Unit) :	
Not reported	
Owner/ Operator Name (Tank Unit) :	
Not reported	
Owner/ Operator Title (Tank Unit) :	
Not reported	
Permit Number :	
Not reported	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHELL OIL CO (Continued)

1000288554

Permit Approved By :	Not reported
Permit Expiration Date :	Not reported
Last Annual Monitoring Cert:	Not reported
Secondary Containment Test :	Not reported
Spill Containment Present :	Not reported
Drop Tube Present :	Not reported
Striker Plate Present :	Not reported
Alarm Present :	Not reported
Ball Float Present :	Not reported
Fill Tube Present :	Not reported
Other Tank Leak Detection Present :	Not reported
UST Close ID :	266
Application Date :	11/5/1987
Application Name :	Not reported
Applications :	Not reported
2ndry Care Of Address :	Not reported

CB300
East
> 1
7204 ft.

SHELL STATION #6602
2199 LOMBARD STREET
SAN FRANCISCO, CA 94123

LUST S105194329
N/A

Site 2 of 2 in cluster CB

Relative:
Lower

State LUST:

Actual:
35 ft.

Cross Street:	Not reported		
Qty Leaked:	0		
Case Number	38-0330		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Other ground water affected		
Status:	Case Closed		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	10/27/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	12/21/1987		
Enforcement Dt :	Not reported		
Enf Type:	2A		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	10079		
Beneficial:	Not reported		
Staff :	VP		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHELL STATION #6602 (Continued)

S105194329

GW Qualifier : Not reported
Max MTBE Soil : 0.005 Parts per Million
Soil Qualifier : <
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500290
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10079
Facility Id: 38-0330
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0330
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.799731 / 122.436348
Priority: Low Priority Site
Case Type: Other ground water affected
Release Date: 12/21/87
Number of Wells: 10
Cross Street: STEINER ST
Free Product: Yes
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: 18.85
Gradient: W .04
Primary Substance: GASOLINE
Basin: Marina Basin
Enforcement Type: 2A
Enforcement Due Date: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SHELL STATION #6602 (Continued)

S105194329

NOR Date: 5/13/92
Closed Date: 10/27/99
Review Date: / /
Report Date: 12/21/87
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 12/21/87
How Discovered: Tank Closure
Discovered Date: 12/21/87
Case Number: 10079
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: 0.005
Maximum MTBE GW: 62
MTBE DATE: / /
Max Soil Concentration: 57
Maximum Soil GW: 29000
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: SHELL OIL CO.
RP Address: Not reported
Operator: Not reported
Entered Date: 05/13/92
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: 1/31/88
Pollution Characterization: 7/1/89
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: 7/13/98
Case Closed: 10/27/99
Abatement: Excavate and Treat soil. (e.g. aeration, biodegradation, etc.)
Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: 5061
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: STEINER ST
Benzene Test: YES
TPH Tested: YES
Max TPH GW: FP
Max TPH Soil: 4700
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHELL STATION #6602 (Continued)

S105194329

MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: <
 Comments: Not reported
 Summary: TESTED 2/20/98

CC301 2785 ACKSON ST HOA
ESE 2785 JACKSON ST
 > 1 **SAN FRANCISCO, CA 94115**
 7217 ft.

LUST S103472604
Cortese N/A

Site 1 of 2 in cluster CC

**Relative:
 Higher**

State LUST:

**Actual:
 296 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0644
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/12/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 06/15/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10509
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2785 ACKSON ST HOA (Continued)

S103472604

Global Id: T0607500563
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10509
Facility Id: 38-0644
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0644
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.791749 / 122.439619
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 7/13/95
Number of Wells: 0
Cross Street: DIVISADERO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: 9'
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/16/95
Closed Date: 12/12/95
Review Date: / /
Report Date: 07/13/95
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Remove Contents
Stopped Date: / /
How Discovered: Other Means
Discovered Date: 06/15/95
Case Number: 10509

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

2785 ACKSON ST HOA (Continued)

S103472604

Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 08/16/95
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 08/24/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/12/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: DIVISADERO ST
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported
CORTESE:
Region: CORTESE
Fac Address 2: 2785 JACKSON ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

302
East
> 1
7218 ft.

OSEPH DIGNAN
1895 CHESTNUT ST
SAN FRANCISCO, CA 94123

HAZNET
LUST

S105790739
N/A

Relative:
Lower

State LUST:

Actual:
30 ft.

Cross Street: WEBSTER
 Qty Leaked: 0
 Case Number: 38-2204
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 9/26/02 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2/27/03 0:00
 Release Date: 10/27/2002
 Cleanup Fund Id : Not reported
 Discover Date : 09/26/2002
 Enforcement Dt : Not reported
 Enf Type: CLOS
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11543
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 09/26/2002
 Work Suspended :Not reported
 Responsible Party: JOSEPH DIGNAN
 RP Address: 1895 CHESTNUT STREET, #7
 Global Id: T0607508334
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported

Confirm Leak: 9/26/02 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

OSEPH DIGNAN (Continued)

S105790739

Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11543
 Facility Id: 38-2204
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 9/26/2002
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

HAZNET:

Gepaid: CAC002556433
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 1.87
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: JOSEPH
 Telephone: (415) 346-7999
 Mailing Address: 1895 CHESTNUT ST STE 7
 SAN FRANCISCO, CA 94123
 County: Not reported

303 **1010 FULL SERVICE DRY CLEANERS**
SSW **1010 CLEMENT ST**
> 1 **SAN FRANCISCO, CA 94118**
7232 ft.

RCRIS-SQG **1000819366**
FINDS **CAD983653460**
HAZNET
CLEANERS
EMI

Relative:
Higher

RCRIS:
 Owner: TONG CHOY MING
 (415) 752-1008
 EPA ID: CAD983653460
 Contact: CHOY MING TONG
 (415) 752-1008
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
179 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

1010 FULL SERVICE DRY CLEANERS (Continued)

1000819366

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- National Emissions Inventory
- National Emissions Trends
- National Toxics Inventory
- Resource Conservation and Recovery Act Information system

CA Cleaners:

Inactive Date: Not reported
EPA Id: CAL000262201
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118
Owner Name : ALLEN CHANG
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118
Owner Telephone 4157522430
Contact Name : ALLEN CHANG
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118
Contact Telephone 4157522430
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAL000262201
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118
Owner Name : ALLEN CHANG
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118
Owner Telephone 4157522430
Contact Name : ALLEN CHANG
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118
Contact Telephone 4157522430
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAL000262201
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118
Owner Name : ALLEN CHANG

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

1010 FULL SERVICE DRY CLEANERS (Continued)

1000819366

Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118

Owner Telephone 4157522430
Contact Name : ALLEN CHANG
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118

Contact Telephone 4157522430
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAL000262201
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes

Mail Name : Not reported
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118

Owner Name : ALLEN CHANG
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118

Owner Telephone 4157522430
Contact Name : ALLEN CHANG
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118

Contact Telephone 4157522430
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: 6/30/2002
EPA Id: CAD983653460
Facility Address 2 Not reported
NAICS Code : Not reported
Facility Active : No
Mail Name : Not reported
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118

Owner Name : CHOY MING TONG
Mailing Address: 1010 A CLEMENT ST
SAN FRANCISCO, CA 94118

Owner Telephone 4157521008
Contact Name : ERIC TONG OWNER'S SON
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118

Contact Telephone 4157521008
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 9

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

1010 FULL SERVICE DRY CLEANERS (Continued)

1000819366

HAZNET:
Gepaid: CAD983653460
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .7500
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: CHOY MING TONG
Telephone: (415) 752-1008
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118 - 2113
County San Francisco
Gepaid: CAD983653460
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .0975
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Contact: CHOY MING TONG
Telephone: (415) 752-1008
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118 - 2113
County San Francisco
Gepaid: CAD983653460
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .7875
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: CHOY MING TONG
Telephone: (415) 752-1008
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118 - 2113
County San Francisco
Gepaid: CAD983653460
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .0975
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: CHOY MING TONG
Telephone: (415) 752-1008
Mailing Address: 1010 CLEMENT ST
SAN FRANCISCO, CA 94118 - 2113
County San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

1010 FULL SERVICE DRY CLEANERS (Continued)

1000819366

Gepaid: CAD983653460
 TSD EPA ID: CA0000084517
 Gen County: San Francisco
 Tsd County: Sacramento
 Tons: .6825
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
 Disposal Method: Transfer Station
 Contact: CHOY MING TONG
 Telephone: (415) 752-1008
 Mailing Address: 1010 CLEMENT ST
 SAN FRANCISCO, CA 94118 - 2113
 County San Francisco

[Click this hyperlink](#) while viewing on your computer to access
 8 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :

Facility ID : 9202
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

**304
 SE
 > 1
 7238 ft.**

**MAJOR PAINT & VARNISH COMPANY
 3 MASONIC AVE
 SAN FRANCISCO, CA 94118**

**LUST S101337968
 CA SLIC N/A**

**Relative:
 Higher**

State LUST:

**Actual:
 268 ft.**

Cross Street:	Not reported	
Qty Leaked:	0	
Case Number	38S0008	
Reg Board:	2	
Chemical:	Lacquer Thinner	
Lead Agency:	Regional Board	
Local Agency :	38000L	
Case Type:	Undefined	
Status:	Leak being confirmed	
Review Date:	6/21/85 0:00	Confirm Leak: 6/21/85 0:00
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	Not reported	
Release Date:	01/01/1985	
Cleanup Fund Id :	Not reported	
Discover Date :	/ /	
Enforcement Dt :	Not reported	
Enf Type:	Not reported	
Enter Date :	Not reported	
Funding:	Not reported	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MAJOR PAINT & VARNISH COMPANY (Continued)

S101337968

Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 0
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
Review Date : Not reported
Stop Date : / /
Work Suspended :No
Responsible Party:BLANK RP
RP Address: Not reported
Global Id: T0607591569
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

SLIC Region 2:

Facility ID: 38S0008
Region: 2
Facility Status: 1
Date Closed: Not reported
Local Case #: Not reported
How Discovered : Tank Closure
Leak Cause : UNK
Leak Source : UNK
Date Confirmed : 6/21/1985
Date Prelim Site Assmnt Workplan Submitted :Not reported
Date Preliminary Site Assessment Began : Not reported
Date Pollution Characterization Began : Not reported
Date Remediation Plan Submitted : Not reported
Date Remedial Action Underway : Not reported
Date Post Remedial Action Monitoring Began :Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

CD305 **RESIDENCE**
East **2 ALHAMBRA ST**
> 1 **SAN FRANCISCO, CA 94123**
7251 ft.

HAZNET **S103984844**
LUST **N/A**
Cortese

Site 1 of 5 in cluster CD

Relative:
Lower

State LUST:

Actual:
21 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1213
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/15/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/28/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11110
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended : Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607501098
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103984844

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Case Number: 11110
Facility Id: 38-1213
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:
Facility ID: 38 1213
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/28/98
Number of Wells: Not reported
Cross Street: CERVANTES ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/4/98
Closed Date: 12/15/98
Review Date: / /
Report Date: 09/28/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 09/25/98
How Discovered: Tank Closure
Discovered Date: 09/28/98
Case Number: 11110
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103984844

MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Robert & Barbara
RP Address: Not reported
Operator: Not reported
Entered Date: 12/04/98
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 12/04/98
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/15/98
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: CERVANTES ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: CA. Soils only.

HAZNET:

Gepaid: CAC001419504
TSD EPA ID: CAL000161743
Gen County: San Francisco
Tsd County: Santa Clara
Tons: 4.1700
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: MARK ARMSTRONG, TRUSTEE
Telephone: (800) 692-0787
Mailing Address: PO BOX 490
CEDARVILLE, CA 96104
County: San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103984844

CORTESE:
 Region: CORTESE
 Fac Address 2: 2 ALHAMBRA ST

**CD306
 East
 > 1
 7266 ft.**

**RESIDENCE
 44 CERVANTES BLVD
 SAN FRANCISCO, CA 94123**

**LUST S105248102
 Cortese N/A**

Site 2 of 5 in cluster CD

**Relative:
 Lower**

State LUST:

**Actual:
 21 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1454	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	11/9/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	03/20/1997		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11307		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501338		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248102

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11307
Facility Id: 38-1454
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1454
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 3/20/97
Number of Wells: Not reported
Cross Street: Alhambra
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: MARINA BASIN
Enforcement Type: NOR
Enforcement Due Date: 10/05/99
NOR Date: 10/5/99
Closed Date: 11/9/99
Review Date: / /
Report Date: 03/20/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 03/20/97
How Discovered: Tank Closure
Discovered Date: 03/20/97
Case Number: 11307
Staff Initial: VP

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248102

Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: 0.2
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Milton Schlesinger
Entered Date: 10/05/99
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/20/97
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 11/09/99
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Alhambra
Benzene Test: YES
TPH Tested: YES
Max TPH GW: 2000
Max TPH Soil: 6.8
TPH Date: 03/25/97
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported
CORTESE:
Region: CORTESE
Fac Address 2: 44 Cervantes Blvd

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CD307 **RESIDENCE**
East **25 CERVANTES ST**
> 1 **SAN FRANCISCO, CA 94123**
7277 ft.

LUST **S104396843**
Cortese **N/A**

Site 3 of 5 in cluster CD

Relative:
Lower

State LUST:

Actual:
21 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1453	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	10/22/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/13/1994		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11306		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501337		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S104396843

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11306
Facility Id: 38-1453
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1453
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 10/28/94
Number of Wells: Not reported
Cross Street: Alhambra
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: MARINA BASIN
Enforcement Type: NOR
Enforcement Due Date: 10/05/99
NOR Date: 10/5/99
Closed Date: 10/22/99
Review Date: / /
Report Date: 10/28/94
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 05/13/94
How Discovered: Tank Closure
Discovered Date: 05/13/94
Case Number: 11306
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S104396843

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Nina Simarelli
 Entered Date: 10/05/99
 Facility Staff: SC
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 05/13/94
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/22/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Alhambra
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 440
 TPH Date: 05/13/94
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported
 CORTESE:
 Region: CORTESE
 Fac Address 2: 25 Cervantes St

CC308 TOM SCHOOL FOR BOYS
ESE 2750 JACKSON STREET
> 1 SAN FRANCISCO, CA 94115
7345 ft.

LUST S106162391
N/A

Site 2 of 2 in cluster CC

**Relative:
 Higher**

State LUST:
 Cross Street: SCOTT
 Qty Leaked: 0
 Case Number 38-2263

**Actual:
 298 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TOM SCHOOL FOR BOYS (Continued)

S106162391

Reg Board: 2
Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Soil only
Status: Leak being confirmed
Review Date: 1/20/04 0:00
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 01/21/2004
Cleanup Fund Id : Not reported
Discover Date : 01/20/2004
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11602
Beneficial: Not reported
Staff : GVL
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : 01/20/2004
Work Suspended :Not reported
Responsible Party: BREWSTER ELY
RP Address: 2750 JACKSON STREET
Global Id: T0607558517
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: 1/20/04 0:00
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:
Region: 2
Case Number: 11602
Facility Id: 38-2263

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TOM SCHOOL FOR BOYS (Continued)

S106162391

Facility Status:	Leak being confirmed
How Discovered:	TC
Leak Cause:	Corrosion
Leak Source:	Tank
Date Leak Confirmed:	1/20/2004
Prelim. Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

**CE309
 ESE
 > 1
 7367 ft.**

**RESIDENCE
 2550 BROADWAY ST
 SAN FRANCISCO, CA 0**

**LUST S105077580
 N/A**

Site 1 of 3 in cluster CE

**Relative:
 Higher**

State LUST:

**Actual:
 196 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-2080	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	4/5/01 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	03/27/2001		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11454		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	0.01 Parts per Million		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105077580

Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607591459
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11454
Facility Id: 38-2080
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 301 003
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Pierce
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: YES
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: DOWNTOWN
Enforcement Type: NOR
Enforcement Due Date: 07/20/01
NOR Date: Not reported
Closed Date: Not reported
Review Date: 07/30/01
Report Date: 04/05/01
Leak Source: Tank
Leak Cause: Corrosion

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105077580

How Stopped: Close Tank
Stopped Date: 03/27/01
How Discovered: Tank Closure
Discovered Date: 03/27/01
Case Number: 11454
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: 0.014
Maximum MTBE GW: Not reported
MTBE DATE: 03/27/01
Max Soil Concentration: 0.014
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Arthur Rock
Entered Date: 07/20/01
Facility Staff: MA
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/27/01
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/30/01
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Pierce
Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 11,000
TPH Date: 03/27/01
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

CF310 **RESIDENCE**
East **3711 FILLMORE STREET**
> 1 **SAN FRANCISCO, CA 94123**
7387 ft.

LUST **S105248086**
N/A

Site 1 of 7 in cluster CF

Relative:
Lower

State LUST:

Actual:
16 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1054
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/29/98 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 03/18/1998
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10990
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607500947
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105248086

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Case Number: 10990
Facility Id: 38-1054
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:
Facility ID: 38 1054
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 3/11/98
Number of Wells: Not reported
Cross Street: BEACH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 6/16/98
Closed Date: 7/29/98
Review Date: / /
Report Date: 03/11/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 03/11/98
How Discovered: Tank Closure
Discovered Date: 03/18/98
Case Number: 10990
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248086

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 06/16/98
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/29/98
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BEACH ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: grab water sample

CF311 RESIDENCE
East 3711 FILLMORE ST
> 1 SAN FRANCISCO, CA 94123
7387 ft.
Relative: Site 2 of 7 in cluster CF
Lower
Actual: 16 ft.

HAZNET S103962791
Cortese N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103962791

HAZNET:

Gepaid: CAC001412992
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 2.3352
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: EMMETT HEGARTY
 Telephone: (000) 000-0000
 Mailing Address: 2500 CHESTNUT ST APT 11
 SAN FRANCISCO, CA 94123
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 3711 FILLMORE ST

CF312
East
> 1
7389 ft.

RESIDENCE
1701 BEACH STREET
SAN FRANCISCO, CA 94121

LUST S105248025
N/A

Site 3 of 7 in cluster CF

Relative:
Lower

State LUST:

Actual:
16 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1034
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/8/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/15/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11000
 Beneficial: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248025

Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500927
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11000
Facility Id: 38-1034
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1034
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/7/97
Number of Wells: Not reported
Cross Street: FILLMORE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248025

Enforcement Due Date: / /
NOR Date: 7/1/98
Closed Date: 7/8/98
Review Date: / /
Report Date: 10/07/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 10/07/98
How Discovered: Tank Closure
Discovered Date: 10/15/97
Case Number: 11000
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 07/01/98
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/08/98
Abatement: Not reported
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: FILLMORE ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248025

MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CF313
East
> 1
7389 ft.

RESIDENCE
1701 BEACH ST
SAN FRANCISCO, CA 94121

HAZNET S103635494
Cortese N/A

Site 4 of 7 in cluster CF

Relative:
Lower

HAZNET:

Actual:
16 ft.

Gepaid: CAC001150984
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.2510
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: WOO FAMILY TRUST
 Telephone: (000) 000-0000
 Mailing Address: 34 MARVEL CT
 SAN FRANCISCO, CA 94121
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 1701 BEACH ST

CF314
East
> 1
7395 ft.

RESIDENCE
3675 FILLMORE ST
SAN FRANCISCO, CA

LUST S105248083
Cortese N/A

Site 5 of 7 in cluster CF

Relative:
Lower

State LUST:

Actual:
18 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0833
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/5/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/25/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248083

Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10714
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500728
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10714
Facility Id: 38-0833
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0833
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248083

Release Date: 9/27/96
Number of Wells: 0
Cross Street: BEACH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/28/96
Closed Date: 11/5/96
Review Date: / /
Report Date: 09/27/96
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 09/10/96
How Discovered: Tank Closure
Discovered Date: 09/25/96
Case Number: 10714
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 10/28/96
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 11/05/96
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248083

Program: LOP
 Cross Street: BEACH ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 3675 FILLMORE ST

**315
 East
 > 1
 7396 ft.**

**RESIDENCE
 3665 FILLMORE ST
 SAN FRANCISCO, CA 94123**

**LUST S105248082
 Cortese N/A**

**Relative:
 Lower**

State LUST:

**Actual:
 18 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0824
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/20/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 12/09/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248082

Priority: Not reported
Local Case # : 10745
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500720
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10745
Facility Id: 38-0824
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0824
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/21/96
Number of Wells: 0
Cross Street: BEACH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248082

Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/13/96
Closed Date: 12/20/96
Review Date: / /
Report Date: 10/21/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Remove Contents
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 12/09/96
Case Number: 10745
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 12/13/96
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: 10/28/96
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/20/96
Abatement: Excavate and Dispose (landfill) of soil
Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: BEACH ST
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248082

Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

 CORTESE:
 Region: CORTESE
 Fac Address 2: 3665 FILLMORE ST

**CD316
 East
 > 1
 7426 ft.**

**RESIDENTIAL APARTMENT
 2 CERVANTES BLVD
 SAN FRANCISCO, CA 94123**

**LUST S104657183
 Cortese N/A**

Site 4 of 5 in cluster CD

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1292
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/17/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 07/26/1994
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11180
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 24 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S104657183

Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501177
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11180
Facility Id: 38-1292
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1292
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 7/24/94
Number of Wells: 0
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: NA
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/24/99
Closed Date: 3/17/99
Review Date: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S104657183

Report Date: 07/26/94
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 07/28/94
How Discovered: Tank Closure
Discovered Date: 07/26/94
Case Number: 11180
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 0.01
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Felix Ysturiz
RP Address: Not reported
Operator: Not reported
Entered Date: 02/24/99
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/24/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 03/17/99
Abatement: Excavate and Dispose (landfill) of soil
CUFID: 10280
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Not reported
Benzene Test: YES
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENTIAL APARTMENT (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104657183

Summary: Case closed.
 CORTESE:
 Region: CORTESE
 Fac Address 2: 2 CERVANTES BLVD

CA317
East
> 1
7455 ft.

T. K. CHAN
3535 FILLMORE STREET
SAN FRANCISCO, CA 94123

HAZNET
LUST
S104572297
N/A

Site 4 of 5 in cluster CA

Relative:
Lower

LUST Region 2:
 Region: 2
 Case Number: 11329
 Facility Id: 38-1583
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

Actual:
27 ft.

HAZNET:
 Gepaid: CAC002217409
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.472
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: T. K. CHAN
 Telephone: (415) 292-1862
 Mailing Address: 2107 UNION STREET
 SAN FRANCISCO, CA 94123
 County: San Francisco

CA318
East
> 1
7455 ft.

RESIDENTIAL APARTMENT
3535 FILLMORE ST
SAN FRANCISCO, CA

LUST
Cortese
S104396852
N/A

Site 5 of 5 in cluster CA

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1583
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Confirm Leak: Not reported

Actual:
27 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S104396852

Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 3/16/00 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 10/21/1999
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11329
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501365
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST San Francisco County:

Facility ID: 38 1583
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Chestnut
Free Product: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S104396852

Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: MARINA BASIN
Enforcement Type: NOR
Enforcement Due Date: 12/22/99
NOR Date: 12/22/99
Closed Date: 3/16/00
Review Date: 03/16/00
Report Date: 10/22/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 10/21/99
How Discovered: Tank Closure
Discovered Date: 10/21/99
Case Number: 11329
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 10/21/99
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Brian Kiernan
Entered Date: 12/22/99
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 03/16/00
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Chestnut
Benzene Test: ND
TPH Tested: ND

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S104396852

Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: 10/21/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 3535 FILLMORE ST

CF319 RESIDENCE
East 1695 BEACH ST
> 1 SAN FRANCISCO, CA 94123
7457 ft.

HAZNET S102441489
Cortese N/A

Site 6 of 7 in cluster CF

**Relative:
 Lower**

HAZNET:
 Gepaid: CAC002412359
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: San Joaquin
 Tons: 0.00
 Waste Category:
 Disposal Method: ***
 Contact: NIEL STEVENS/BLUE WATER ENVIRO
 Telephone: (510) 346-8800
 Mailing Address: PO BOX 470023
 SAN FRANCISCO, CA 94123
 County: Not reported

Gepaid: CAC000984920
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: MONICA ZIMMERMAN
 Telephone: (000) 000-0000
 Mailing Address: P O BOX 470023
 SAN FRANCISCO, CA 94147
 County: San Francisco

Gepaid: CAC000984920
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: 1.4595
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Not reported
 Contact: MONICA ZIMMERMAN
 Telephone: (000) 000-0000

**Actual:
 16 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S102441489

Mailing Address: P O BOX 470023
 SAN FRANCISCO, CA 94147
 County San Francisco
 Gepaid: CAC000984920
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: .2293
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: MONICA ZIMMERMAN
 Telephone: (000) 000-0000
 Mailing Address: P O BOX 470023
 SAN FRANCISCO, CA 94147
 County San Francisco
 CORTESE:
 Region: CORTESE
 Fac Address 2: 1695 BEACH ST

CF320
East
> 1
7457 ft.

RESIDENCE
1695 BEACH STREET
SAN FRANCISCO, CA 94123

LUST S105248022
N/A

Relative:
Lower

Site 7 of 7 in cluster CF

Actual:
16 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0630
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/21/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/16/1994
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248022

Local Case # : 10703
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500551
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10703
Facility Id: 38-0630
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0630
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.804465 / 122.435761
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 6/3/94
Number of Wells: 0
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248022

Basin: Marina Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /
 NOR Date: 10/2/96
 Closed Date: 7/21/97
 Review Date: / /
 Report Date: 06/03/94
 Leak Source: Unknown
 Leak Cause: Unknown
 How Stopped: Not reported
 Stopped Date: / /
 How Discovered: Not reported
 Discovered Date: 09/16/94
 Case Number: 10703
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: MONICA ZIMMERMAN
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 10/02/96
 Facility Staff: AL
 Facility Status: 9
 Funding: R
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 01/30/96
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/21/97
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Not reported
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: 26000
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

S105248022

TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**321
 East
 > 1
 7473 ft.**

**PACIFIC GAS IMPROVEMENT CO.
 3501 FILLMORE STREET
 SAN FRANCISCO, CA 94123**

**Coal Gas G000000735
 N/A**

**Relative:
 Lower**

COAL GAS SITE DESCRIPTION:

1899 Pacific Gas Improvement Co. is on the eastern half of block bordered by Web t and Fillmore, on the northern side of Chestnut. by 1948 Francisco is closed Fillmore and entire block is occupied by Marina Jr. High School - 3500 Fillmore

**Actual:
 27 ft.**

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**CG322
 South
 > 1
 7476 ft.**

**HERERRA BUICK FORMER
 3700 GEARY BLVD
 SAN FRANCISCO, CA 94118**

**Cortese 1002851187
 N/A**

**Relative:
 Higher**

Site 1 of 4 in cluster CG

CORTESE:

Region: CORTESE
 Fac Address 2: 3700 GEARY BLVD

**Actual:
 211 ft.**

**CG323
 South
 > 1
 7476 ft.**

**HERERRA BUICK (FORMERLY)
 3700 GEARY BL
 SAN FRANCISCO, CA 94118**

**LUST S104396856
 N/A**

**Relative:
 Higher**

Site 2 of 4 in cluster CG

State LUST:

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0590
 Reg Board: 2
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/26/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/18/1994
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported

**Actual:
 211 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HERERRA BUICK (FORMERLY) (Continued)

S104396856

Funding: Not reported
 Staff Initials: CDM
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10413
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500515
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10413
 Facility Id: 38-0590
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0590
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: 37.781369 / 122.457669
 Priority: Unranked by RWQCB

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HERERRA BUICK (FORMERLY) (Continued)

S104396856

Case Type: Soil only
Release Date: 1/17/95
Number of Wells: 0
Cross Street: ARGUELLO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: USED OIL (WASTE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/1/95
Closed Date: 4/26/96
Review Date: / /
Report Date: 01/17/95
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Remove Contents
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 10/18/94
Case Number: 10413
Staff Initial: VP
Substance: Waste Oil
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/01/95
Facility Staff: CDM
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: 11/9/95
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 04/26/96
Abatement: Not reported
CUFID: Not reported
Beneficial Use: Yes

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HERERRA BUICK (FORMERLY) (Continued)

S104396856

Suspended: No
 Program: LOP
 Cross Street: ARGUELLO ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**CD324
 East
 > 1
 7476 ft.**

**UNOCAL #5469-MARINA UNION SERV
 1798 BAY ST
 SAN FRANCISCO, CA 94123**

**LUST S101592064
 CA FID UST N/A**

Site 5 of 5 in cluster CD

**Relative:
 Lower**

State LUST:

**Actual:
 25 ft.**

Cross Street: FILLMORE ST
 Qty Leaked: 0
 Case Number: 38-0396
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency: 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
 Review Date: Not reported
 Workplan: 2/20/90 0:00
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/24/95 0:00
 Release Date: 03/20/1990
 Cleanup Fund Id: Not reported
 Discover Date: 03/02/1990
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 3/9/90 0:00
 Funding: Federal Funds
 Staff Initials: UNK
 How Discovered: Tank Closure
 How Stopped: Not reported
 Interim: Yes
 Leak Cause: Structure Failure
 Leak Source: Tank
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.

Confirm Leak: Not reported
 Prelim Assess: 2/20/90 0:00
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #5469-MARINA UNION SERV (Continued)

S101592064

Priority: Not reported
Local Case # : 10033
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : 8/20/98 0:00
Stop Date : 03/02/1990
Work Suspended :No
Responsible Party:BLANK RP
RP Address: Not reported
Global Id: T0607500348
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10033
Facility Id: 38-0396
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: 1/31/1989
Preliminary Site Assesment Began: 2/20/1990
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

FID:

Facility ID: 38000431 Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: (415) 931-0078
Mail To: Not reported
1798 BAY ST
SAN FRANCISCO, CA 94123
Contact: Not reported Contact Tel: Not reported
DUNS No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

325 PULLMAN PROPERTY
South 3855 GEARY BLVD
> 1 SAN FRANCISCO, CA
7498 ft.

LUST S102435518
Cortese N/A

Relative:
Higher

State LUST:

Actual:
201 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0129
 Reg Board: 2
 Chemical: Mineral Spirits
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/8/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/05/1988
 Enforcement Dt : Not reported
 Enf Type: 2A
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: CDM
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10521
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500116
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PULLMAN PROPERTY (Continued)

S102435518

Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Case Number: 10521
Facility Id: 38-0129
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:
Facility ID: 38 0129
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.781148 / 122.459328
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 3/17/95
Number of Wells: 0
Cross Street: 3RD AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: MINERAL SPIRITS
Basin: Lobos Basin
Enforcement Type: 2A
Enforcement Due Date: / /
NOR Date: 9/19/95
Closed Date: 5/8/96
Review Date: / /
Report Date: 03/17/95
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 06/09/88
How Discovered: Tank Closure
Discovered Date: 04/05/88
Case Number: 10521
Staff Initial: VP
Substance: Mineral Spirits
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PULLMAN PROPERTY (Continued)

S102435518

Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 2A
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 09/19/95
 Facility Staff: CDM
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: 9/30/89
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 05/08/96
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: 3RD AVE
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 3855 GEARY BLVD

CH326 BIGERII PROPERTY
ESE 3025 STEINER STREET
> 1 SAN FRANCISCO, CA 94123
7497 ft.

LUST S104810040
N/A

**Relative:
 Lower**

Site 1 of 2 in cluster CH

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1119
 Reg Board: 2

**Actual:
 53 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BIGERII PROPERTY (Continued)

S104810040

Chemical:	Diesel	Confirm Leak:	Not reported
Lead Agency:	Local Agency	Prelim Assess:	Not reported
Local Agency :	38000L	Remed Plan:	Not reported
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	10/24/95 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	08/15/1995		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	10543		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501010		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10543
Facility Id:	38-1119
Facility Status:	Case Closed

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BIGERII PROPERTY (Continued)

S104810040

How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

LUST San Francisco County:

Facility ID:	38 1119
Region:	SAN FRANCISCO
Notify:	False
Lat/Long:	37.797241 / 122.436081
Priority:	Unranked by RWQCB
Case Type:	Soil only
Release Date:	7/28/95
Number of Wells:	0
Cross Street:	UNION ST
Free Product:	Yes
Amount of Free Produce:	Not reported
MTBE:	NT
Benzene:	Not reported
Depth to Groundwater:	Not reported
Gradient:	Not reported
Primary Substance:	DIESEL FUEL OIL
Basin:	Marina Basin
Enforcement Type:	NOR
Enforcement Due Date:	/ /
NOR Date:	10/16/95
Closed Date:	10/24/95
Review Date:	/ /
Report Date:	07/28/95
Leak Source:	Tank
Leak Cause:	Structure Failure
How Stopped:	Remove Contents
Stopped Date:	/ /
How Discovered:	Tank Test
Discovered Date:	08/15/95
Case Number:	10543
Staff Initial:	VP
Substance:	Diesel
Substance Qty:	Not reported
Interim Remediation:	Not reported
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	Not reported
Maximum Soil GW:	Not reported
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	1
Reg Board:	2
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

BIGERII PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104810040

Entered Date: 10/16/95
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/24/95
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: UNION ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 7/28/95 [leak]

**CH327
 ESE
 > 1
 7497 ft.**

**BIGLIERI PROPERTY
 3025 STEINER ST
 SAN FRANCISCO, CA 94123**

**HAZNET S102425256
 Cortese N/A**

Site 2 of 2 in cluster CH

**Relative:
 Lower**

**Actual:
 53 ft.**

HAZNET:
 Gepaid: CAC000731816
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: 2.2935
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: FRANCIS BIGLIER
 Telephone: (000) 000-0000
 Mailing Address: 172 PARKER AVENUE
 SAN FRANCISCO, CA 94118
 County: San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BIGLIERI PROPERTY (Continued)

S102425256

Gepaid: CAC000731816
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: FRANCIS BIGLIER
 Telephone: (000) 000-0000
 Mailing Address: 172 PARKER AVENUE
 SAN FRANCISCO, CA 94118
 County San Francisco
 CORTESE:
 Region: CORTESE
 Fac Address 2: 3025 STEINER ST

**328
 East
 > 1
 7515 ft.**

**SFFD STATION #16
 2251 GREENWICH ST
 SAN FRANCISCO, CA**

**LUST S101308290
 Cortese N/A**

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0285
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/29/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/03/1987
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10169
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported

**Actual:
 39 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SFFD STATION #16 (Continued)

S101308290

Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500250
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10169
Facility Id: 38-0285
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0285
Region: SAN FRANCISCO
Notify: True
Lat/Long: 37.798851 / 122.435594
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 11/20/87
Number of Wells: 1
Cross Street: FILLMORE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: YES
Benzene: Not reported
Depth to Groundwater: 17.65
Gradient: Not reported
Primary Substance: GASOLINE AND
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/18/93

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SFFD STATION #16 (Continued)

S101308290

Closed Date: 10/29/98
Review Date: / /
Report Date: 11/20/87
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 11/25/86
How Discovered: Tank Closure
Discovered Date: 09/03/87
Case Number: 10169
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 6
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 87
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: SFFD
RP Address: Not reported
Operator: Not reported
Entered Date: 08/18/93
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: 11/18/88
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/29/98
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: FILLMORE ST
Benzene Test: YES
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SFFD STATION #16 (Continued)

EDR ID Number
 EPA ID Number

S101308290

Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

 CORTESE:
 Region: CORTESE
 Fac Address 2: 2251 GREENWICH ST

CG329
South
> 1
7531 ft.

CHEVRON STATION #9-0585
3675 GEARY BL
SAN FRANCISCO, CA 94118

LUST S105194312
N/A

Site 3 of 4 in cluster CG

Relative:
Higher

Actual:
217 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0093
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Pollution Characterization
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 12/18/1986
 Cleanup Fund Id : Not reported
 Discover Date : 12/18/1986
 Enforcement Dt : Not reported
 Enf Type: 4
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : 3/25/02 0:00
 Max MTBE GW : 410 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: High priority
 Local Case # : 10012
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : =
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON STATION #9-0585 (Continued)

S105194312

Responsible Party: Not reported
RP Address: Not reported
Global Id: T0607500084
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10012
Facility Id: 38-0093
Facility Status: Pollution Characterization
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 12/18/1986
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0093
Region: SAN FRANCISCO
Notify: True
Lat/Long: 37.781242 / 122.457181
Priority: High Priority Site
Case Type: Other ground water affected
Release Date: 12/18/86
Number of Wells: 6
Cross Street: ARGUELLO ST
Free Product: Yes
Amount of Free Produce: Not reported
MTBE: YES
Benzene: 590
Depth to Groundwater: 18.92; 44.88
Gradient: NW 0.2
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: 4
Enforcement Due Date: / /
NOR Date: 4/22/92
Closed Date: Not reported
Review Date: 11/25/02
Report Date: 12/18/86
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 12/18/86
How Discovered: Tank Closure

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON STATION #9-0585 (Continued)

S105194312

Discovered Date: 12/18/86
Case Number: 10012
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 4000
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 26000
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 4
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 04/22/92
Facility Staff: AL
Facility Status: 0
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: 10/13/89
Pollution Characterization: 6/30/90
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: / /
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: 5852
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: ARGUELLO ST
Benzene Test: YES
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: 21000
TPH Current Date: 9/23/02
MTBE Current: 170
MTBE Current Date: 9/23/02
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: TESTED 12/8/97 ;

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Database(s)
 EDR ID Number
 EPA ID Number

CG330 **CHEVRON**
South **3675 GEARY BLVD**
> 1 **SAN FRANCISCO, CA 94118**
7531 ft.

Cortese **S102427747**
N/A

Relative: **Site 4 of 4 in cluster CG**
Higher **CORTESE:**
 Region: **CORTESE**
Actual: Fac Address 2: **3675 GEARY BLVD**
217 ft.

CI331 **RESIDENTIAL APARTMENT**
East **3423 FILLMORE STREET**
> 1 **SAN FRANCISCO, CA 94123**
7532 ft.

LUST **S105688851**
N/A

Relative: **Site 1 of 2 in cluster CI**
Lower **State LUST:**
Actual: Cross Street: Not reported
30 ft. Qty Leaked: 0
 Case Number 38-2124
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/17/00 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 11/10/1999
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11338
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S105688851

Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607573019
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11338
 Facility Id: 38-2124
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

CI332
East
> 1
7532 ft.

RESIDENTIAL
3423 FILLMORE STREET
SAN FRANCISCO, CA 94123

LUST S105627985
N/A

Site 2 of 2 in cluster CI

Relative:
Lower

LUST San Francisco County:

Actual:
30 ft.

Facility ID: 02 100 007
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: Chestnut
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: MARINA BASIN
 Enforcement Type: NOR
 Enforcement Due Date: 01/18/00
 NOR Date: 1/18/00
 Closed Date: 3/17/00
 Review Date: / /
 Report Date: 12/21/99

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S105627985

Leak Source: Tank
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 11/10/99
How Discovered: Tank Closure
Discovered Date: 11/10/99
Case Number: 11338
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 11/10/99
Max Soil Concentration: 0.006
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: David Gruber
Entered Date: 01/18/00
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 11/10/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 03/17/00
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Chestnut
Benzene Test: YES
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 300
TPH Date: 11/10/99
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

CJ333
South
> 1
7535 ft.

FRENCH HOSPITAL MED
4131 GEARY BLVD
SAN FRANCISCO, CA 94118

LUST
Cortese
CA FID UST

S101623299
N/A

Site 1 of 2 in cluster CJ

Relative:
Higher

State LUST:

Actual:
178 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0154
 Reg Board: 2
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/14/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/25/1989
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10536
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500136
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRENCH HOSPITAL MED (Continued)

S101623299

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10536
Facility Id: 38-0154
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0154
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.781 / 122.462296
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 6/2/89
Number of Wells: 0
Cross Street: 5TH AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: USED OIL (WASTE)
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/10/95
Closed Date: 8/14/96
Review Date: / /
Report Date: 06/02/89
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 06/22/89
How Discovered: Tank Closure
Discovered Date: 05/25/89
Case Number: 10536
Staff Initial: VP
Substance: Waste Oil
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRENCH HOSPITAL MED (Continued)

S101623299

MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 10/10/95
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 08/14/96
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: 5TH AVE
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

CORTESE:
Region: CORTESE
Fac Address 2: 4131 GEARY BLVD

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

FRENCH HOSPITAL MED (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S101623299

FID:

Facility ID:	38000194	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 000-0000
Mail To:	Not reported		
	4131 GEARY BLVD		
	SAN FRANCISCO, CA 94118		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

CJ334
 South
 > 1
 7535 ft.

KAISER FRENCH CAMPUS
4131 GEARY BOULEVARD
SAN FRANCISCO, CA 94118

EMI S105938304
N/A

Site 2 of 2 in cluster CJ

Relative:
Higher

EMISSIONS :

Actual:
178 ft.

Facility ID :	433
Air District Code :	BA
SIC Code :	8062
Total Priority Score :	Not reported
Health Risk Assessment :	Not reported
Non-cancer Chronic Haz Index :	Not reported
Non-cancer Acute Haz Index :	Not reported
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	38
County ID :	38

CK335
 ESE
 > 1
 7574 ft.

ST VINCENT DE PAUL CHURCH
2320 GREEN ST
SAN FRANCISCO, CA 94123

HAZNET S103644162
Cortese N/A

Site 1 of 2 in cluster CK

Relative:
Higher

HAZNET:

Actual:
87 ft.

Gepaid:	CAC001308792
TSD EPA ID:	NVD982358483
Gen County:	San Francisco
Tsd County:	99
Tons:	1.4595
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Contact:	ARCHDIOCESE OF SAN FRANCISCO
Telephone:	(000) 000-0000
Mailing Address:	2320 GREEN ST
	SAN FRANCISCO, CA 94123
County	San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ST VINCENT DE PAUL CHURCH (Continued)

S103644162

Gepaid: CAC001386792
 TSD EPA ID: CAT080014079
 Gen County: San Francisco
 Tsd County: 7
 Tons: 0.4214
 Waste Category:
 Disposal Method: Transfer Station
 Contact: ROMAN CATHOLIC ARCH BISHOP SF
 Telephone: (650) 994-3311
 Mailing Address: 445 CHURCH ST
 SAN FRANCISCO, CA 94114
 County San Francisco
 Gepaid: CAC001386792
 TSD EPA ID: CAT080014079
 Gen County: San Francisco
 Tsd County: 7
 Tons: 0.2107
 Waste Category: Other inorganic solid waste
 Disposal Method: Transfer Station
 Contact: ROMAN CATHOLIC ARCH BISHOP SF
 Telephone: (650) 994-3311
 Mailing Address: 445 CHURCH ST
 SAN FRANCISCO, CA 94114
 County San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 2320 GREEN ST

**CK336
 ESE
 > 1
 7574 ft.**

**ST. VINCENT DE PAUL CHURCH
 2320 GREEN STREET
 SAN FRANCISCO, CA 94123**

**LUST S103177198
 N/A**

Site 2 of 2 in cluster CK

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0979
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2/5/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/06/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported

**Actual:
 87 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ST. VINCENT DE PAUL CHURCH (Continued)

S103177198

Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10914
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500872
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10914
 Facility Id: 38-0979
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0979
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Unranked by RWQCB
 Case Type: Soil only

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ST. VINCENT DE PAUL CHURCH (Continued)

S103177198

Release Date: 11/11/97
Number of Wells: Not reported
Cross Street: STEINER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/5/98
Closed Date: 2/5/98
Review Date: / /
Report Date: 11/11/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 01/06/98
Case Number: 10914
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: ARCHDIOCESE OF SAN
RP Address: Not reported
Operator: Not reported
Entered Date: 02/05/98
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 02/05/98
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ST. VINCENT DE PAUL CHURCH (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103177198

Suspended: No
 Program: LOP
 Cross Street: STEINER ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**CE337
 ESE
 > 1
 7580 ft.**

**RESIDENCE
 2500 BROADWAY ST
 SAN FRANCISCO, CA 94115**

**LUST S105248053
 Cortese N/A**

Site 2 of 3 in cluster CE

**Relative:
 Higher**

State LUST:

**Actual:
 180 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0597
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/7/95 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 09/03/1992
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10437

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248053

Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500520
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10437
Facility Id: 38-0597
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0597
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.794055 / 122.437077
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 12/30/93
Number of Wells: 0
Cross Street: PIERCE ST
Free Product: Yes
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Downtown Basin

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248053

Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 11/6/95
Closed Date: 11/7/95
Review Date: / /
Report Date: 12/30/93
Leak Source: Tank
Leak Cause: Overfill
How Stopped: Remove Contents
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 09/03/92
Case Number: 10437
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 11/06/95
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 11/07/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: PIERCE ST
Benzene Test: Not reported
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 74
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S105248053

MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 12/30/93 [leak]

CORTESE:
 Region: CORTESE
 Fac Address 2: 2500 BROADWAY ST

Region: CORTESE
 Fac Address 2: 2500 BROADWAY ST

**CE338
 ESE
 > 1
 7580 ft.**

**RESIDENCE
 2500 VAN NESS AVE
 SAN FRANCISCO, CA 94109**

**LUST S105248054
 N/A**

Site 3 of 3 in cluster CE

**Relative:
 Higher**

**Actual:
 180 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0857
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/16/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 12/20/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10778
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248054

Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500752
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10778
Facility Id: 38-0857
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0857
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 12/3/96
Number of Wells: 0
Cross Street: UNION ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 1/10/97
Closed Date: 1/16/97
Review Date: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248054

Report Date: 12/03/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 12/13/96
How Discovered: Tank Closure
Discovered Date: 12/20/96
Case Number: 10778
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 01/10/97
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 01/16/97
Abatement: Excavate and Dispose (landfill) of soil
Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: UNION ST
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

S105248054

Comments: Not reported
 Summary: Not reported

**CL339
 SE
 > 1
 7580 ft.**

**PETER YEDIDIA
 2952 CALIFORNIA STREET
 SAN FRANCISCO, CA 94115**

**HAZNET S102801638
 LUST N/A**

Site 1 of 3 in cluster CL

**Relative:
 Higher**

LUST Region 2:
 Region: 2
 Case Number: 10415
 Facility Id: 38-0591
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

**Actual:
 187 ft.**

HAZNET:
 Gepaid: CAC001008480
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: PETER YEDIDIA
 Telephone: (000) 000-0000
 Mailing Address: 341 DAY STREET
 SAN FRANCISCO, CA 94131
 County: San Francisco
 Gepaid: CAC001008480
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 1.5220
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: PETER YEDIDIA
 Telephone: (000) 000-0000
 Mailing Address: 341 DAY STREET
 SAN FRANCISCO, CA 94131
 County: San Francisco

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

CL340 **YEDIDA PROPERTY**
SE **2952 CALIFORNIA STREET**
> 1 **SAN FRANCISCO, CA 94115**
7580 ft.

LUST **S102441410**
N/A

Site 2 of 3 in cluster CL

Relative:
Higher

State LUST:

Actual:
187 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0591	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	5/26/95 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	04/05/1995		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	10415		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500516		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number
EDR ID Number

YEDIDA PROPERTY (Continued)

S102441410

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST San Francisco County:

Facility ID: 38 0591
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.787916 / 122.441801
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/4/95
Number of Wells: 0
Cross Street: BRODERICK ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/5/95
Closed Date: 5/26/95
Review Date: / /
Report Date: 04/04/95
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 04/05/95
Case Number: 10415
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/05/95
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

YEDIDA PROPERTY (Continued)

S102441410

Workplan Submitted: 5/19/95
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 05/26/95
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BRODERICK ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CL341 YEDIDA PROPERTIES
SE 2952 CALIFORNIA ST
> 1 SAN FRANCISCO, CA 94115
7580 ft.

Cortese S102441409
N/A

Site 3 of 3 in cluster CL

**Relative:
 Higher**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2952 CALIFORNIA ST

**Actual:
 187 ft.**

CM342 PACIFIC BELL
South 389 9TH AVENUE
> 1 SAN FRANCISCO, CA 94118
7617 ft.

EMI S106248931
N/A

Site 1 of 3 in cluster CM

**Relative:
 Higher**

EMISSIONS :
 Facility ID : 13516
 Air District Code : BA
 SIC Code : 4813
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38

**Actual:
 177 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PACIFIC BELL (Continued)

EDR ID Number
 EPA ID Number

County ID : 38

S106248931

CN343 UNOCAL
SSE 3501 GEARY BLVD
> 1 SAN FRANCISCO, CA 94118
7619 ft.

Cortese S102440423
N/A

Site 1 of 4 in cluster CN

**Relative:
 Higher**

CORTESE:
 Region: CORTESE
 Fac Address 2: 3501 GEARY BLVD

**Actual:
 222 ft.**

Region: CORTESE
 Fac Address 2: 3501 GEARY BLVD

CN344 UNOCAL #5459 - IRWIN UNION
SSE 3501 GEARY BLVD
> 1 SAN FRANCISCO, CA 94118
7619 ft.

LUST S101592408
CA FID UST N/A

Site 2 of 4 in cluster CN

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0403
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/15/93 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 11/06/1990
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: CDM
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : 9/16/01 0:00
 Max MTBE GW : 1900 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case # : 10041
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : =

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #5459 - IRWIN UNION (Continued)

S101592408

Max MTBE Soil : 0.64 Parts per Million
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500355
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Cross Street: Not reported
Qty Leaked: 0
Case Number 38-1125
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Other ground water affected
Status: Remedial action (cleanup) Underway
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: 3/21/03 0:00
Monitoring: Not reported
Close Date: Not reported
Release Date: 03/20/1995
Cleanup Fund Id : Not reported
Discover Date : 03/20/1995
Enforcement Dt : Not reported
Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : 6/4/00 0:00
Max MTBE GW : 2000 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: High priority
Local Case # : 10610
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #5459 - IRWIN UNION (Continued)

S101592408

Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501014
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10610
Facility Id: 38-1125
Facility Status: Remedial action (cleanup) Underway
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 3/21/1995
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 3/21/2003
Date Remediation Action Underway: Not reported
Region: 2
Case Number: 10041
Facility Id: 38-0403
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1125
Region: SAN FRANCISCO
Notify: True
Lat/Long: Not reported
Priority: High Priority Site
Case Type: Other ground water affected

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #5459 - IRWIN UNION (Continued)

S101592408

Release Date: 3/21/95
Number of Wells: 8
Cross Street: JORDAN AVE
Free Product: Yes
Amount of Free Produce: 0.01
MTBE: YES
Benzene: 11,000
Depth to Groundwater: 26' 39'
Gradient: 0.1 NW
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: IEA
Enforcement Due Date: 05/23/00
NOR Date: 3/13/96
Closed Date: Not reported
Review Date: 08/16/00
Report Date: 03/21/95
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Other Means
Stopped Date: 03/20/95
How Discovered: Subsurface Monitoring
Discovered Date: 03/20/95
Case Number: 10610
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 2400
MTBE DATE: 12/12/99
Max Soil Concentration: Not reported
Maximum Soil GW: 15000
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: TOSCO
RP Address: Not reported
Operator: Not reported
Entered Date: 03/13/96
Facility Staff: MA
Facility Status: 0
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/20/95
Workplan Submitted: 4/24/96
Assessment Underway: 6/1/96
Pollution Characterization: 11/1/96
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: / /
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: Yes
Suspended: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNOCAL #5459 - IRWIN UNION (Continued)

S101592408

Program: LOP
 Cross Street: JORDAN AVE
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: 170000
 Max TPH Soil: Not reported
 TPH Date: 09/27/98
 Block: Not reported
 Lot: Not reported
 TPH Current: 72,000
 TPH Current Date: 6/4/00
 MTBE Current: 2,000
 MTBE Current Date: 6/4/00
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Gas and MTBE

 Facility ID: 38 0403
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: 37.7813 / 122.45516
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 11/6/90
 Number of Wells: 8
 Cross Street: STANYAN ST
 Free Product: yes
 Amount of Free Produce: 0.25'
 MTBE: YES
 Benzene: Not reported
 Depth to Groundwater: 24 36
 Gradient: 0.01 NW
 Primary Substance: GASOLINE
 Basin: Lobos Basin
 Enforcement Type: NOR
 Enforcement Due Date: 04/22/92
 NOR Date: 4/22/92
 Closed Date: 6/15/93
 Review Date: / /
 Report Date: 11/06/90
 Leak Source: Tank
 Leak Cause: Structure Failure
 How Stopped: Close Tank
 Stopped Date: 11/06/90
 How Discovered: Tank Closure
 Discovered Date: 11/06/90
 Case Number: 10041
 Staff Initial: VP
 Substance: Gasoline
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: 0.64
 Maximum MTBE GW: 1900
 MTBE DATE: 09/27/98
 Max Soil Concentration: Not reported
 Maximum Soil GW: 10,000
 Lead Agency: Local Agency

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNOCAL #5459 - IRWIN UNION (Continued)

S101592408

Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: TOSCO
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 04/22/92
 Facility Staff: CDM
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: 7/19/96
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/15/93
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: 8139
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: STANYAN ST
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: 120,000
 Max TPH Soil: Not reported
 TPH Date: 06/20/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: This case was

FID:

Facility ID:	38004804	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 752-3968
Mail To:	Not reported		
	3501 GEARY BLVD		
	SAN FRANCISCO, CA 94118		
Contact:	Not reported	Contact Tel:	Not reported
DUNS No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CO345 RESIDENTIAL PROPERTY
SSW 1324-26 CLEMENT ST
> 1 SAN FRANCISCO, CA 94118
7630 ft.

LUST S106161988
N/A

Relative:
Higher

Site 1 of 2 in cluster CO

State LUST:

Actual:
157 ft.

Cross Street: 14TH AVE
 Qty Leaked: 0
 Case Number 38-2217
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Leak being confirmed
 Review Date: 5/16/03 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 05/21/2003
 Cleanup Fund Id : Not reported
 Discover Date : 05/16/2003
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: UNK
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11556
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 05/16/2003
 Work Suspended :Not reported
 Responsible Party RUTH JEAN LEVY
 RP Address: 160 EWING TERRACE
 Global Id: T0607523152
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: 5/16/03 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENTIAL PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S106161988

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11556
 Facility Id: 38-2217
 Facility Status: Leak being confirmed
 How Discovered: TC
 Leak Cause: UNK
 Leak Source: Tank
 Date Leak Confirmed: 5/16/2003
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

**CN346
 SSE
 > 1
 7648 ft.**

**TEXACO (FORMER) STATION
 3445 GEARY BL
 SAN FRANCISCO, CA 94118**

**LUST S102438582
 N/A**

Site 3 of 4 in cluster CN

**Relative:
 Higher**

**Actual:
 221 ft.**

State LUST:

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0369
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Post remedial action monitoring
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: 8/12/88 0:00
 Close Date: Not reported
 Release Date: 05/17/1988
 Cleanup Fund Id : Not reported
 Discover Date : 05/17/1988
 Enforcement Dt : Not reported
 Enf Type: VER
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : 12/5/01 0:00
 Max MTBE GW : 5.8 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO (FORMER) STATION (Continued)

S102438582

Priority: High priority
Local Case # : 10182
Beneficial: Not reported
Staff : VP
GW Qualifier : =
Max MTBE Soil : 0 Parts per Million
Soil Qualifier : ND
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500327
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10182
Facility Id: 38-0369
Facility Status: Post remedial action monitoring
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: 8/12/1988

LUST San Francisco County:

Facility ID: 38 0369
Region: SAN FRANCISCO
Notify: True
Lat/Long: 37.781327 / 122.454406
Priority: High Priority Site
Case Type: Other ground water affected
Release Date: 8/12/88
Number of Wells: 2
Cross Street: STANYAN ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: YES
Benzene: <0.5
Depth to Groundwater: 18 36
Gradient: NW

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO (FORMER) STATION (Continued)

S102438582

Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: 08/20/93
NOR Date: 8/20/93
Closed Date: Not reported
Review Date: 08/07/02
Report Date: 08/12/88
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 03/17/89
How Discovered: Tank Closure
Discovered Date: 05/17/88
Case Number: 10182
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 56
MTBE DATE: 06/24/99
Max Soil Concentration: 58
Maximum Soil GW: 4900
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: TEXACO
RP Address: Not reported
Operator: Not reported
Entered Date: 08/20/93
Facility Staff: AL
Facility Status: 8
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 05/17/88
Workplan Submitted: Not reported
Assessment Underway: 5/17/88
Pollution Characterization: 11/1/90
Corrective Action Plan: 8/25/93
Remediation Underway: 2/7/94
Monitoring Begun: 3/7/96
Case Closed: / /
Abatement: Vapor Extraction
Not defined
Excavate and Dispose (landfill) of soil
CUFID: 6154
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: STANYAN ST
Benzene Test: YES
TPH Tested: YES
Max TPH GW: 34000
Max TPH Soil: 9100
TPH Date: 09/19/95

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TEXACO (FORMER) STATION (Continued)

S102438582

Block: Not reported
 Lot: Not reported
 TPH Current: <50
 TPH Current Date: 6/26/01
 MTBE Current: nd
 MTBE Current Date: 6/26/01
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: MTBE now showing

**CN347
 SSE
 > 1
 7648 ft.**

**TEXACO
 3445 GEARY BLVD
 SAN FRANCISCO, CA 94118**

**Cortese S104657076
 N/A**

Site 4 of 4 in cluster CN

**Relative:
 Higher
 Actual:
 221 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 3445 GEARY BLVD

**CO348
 SSW
 > 1
 7654 ft.**

**BLUE BIRD CLEANERS
 1341 CLEMENT ST
 SAN FRANCISCO, CA 94118**

**RCRIS-SQG 1000195486
 FINDS CAD981964463
 HAZNET
 CLEANERS
 EMI**

Site 2 of 2 in cluster CO

**Relative:
 Higher
 Actual:
 157 ft.**

RCRIS:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAD981964463
 Contact: Not reported
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Emissions Trends
 National Toxics Inventory
 Resource Conservation and Recovery Act Information system

CA Cleaners:

Inactive Date: Not reported
 EPA Id: CAD981964463
 Facility Address 2 Not reported
 NAICS Code : 81232
 Facility Active : Yes
 Mail Name : Not reported
 Mailing Address: 1341 CLEMENT ST
 SAN FRANCISCO, CA 94118
 Owner Name : KITAE PAK/JOANNE YOUNG PAK
 Mailing Address: 1341 CLEMENT ST
 SAN FRANCISCO, CA 94118
 Owner Telephone 4153873468
 Contact Name : JOANNE Y PAK/OWNER

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BLUE BIRD CLEANERS (Continued)

1000195486

Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118
Contact Telephone: 4153873468
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAD981964463
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118
Owner Name : KITAE PAK/JOANNE YOUNG PAK
Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118
Owner Telephone: 4153873468
Contact Name : JOANNE Y PAK/OWNER
Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118
Contact Telephone: 4153873468
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAD981964463
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118
Owner Name : KITAE PAK/JOANNE YOUNG PAK
Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118
Owner Telephone: 4153873468
Contact Name : JOANNE Y PAK/OWNER
Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118
Contact Telephone: 4153873468
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAD981964463
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118
Owner Name : KITAE PAK/JOANNE YOUNG PAK
Mailing Address: 1341 CLEMENT ST

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BLUE BIRD CLEANERS (Continued)

1000195486

SAN FRANCISCO, CA 94118
Owner Telephone 4153873468
Contact Name : JOANNE Y PAK/OWNER
Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118
Contact Telephone 4153873468
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

HAZNET:

Gepaid: CAD981964463
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: 1.0650
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: KI-TAE PAK/YOUNG S PAK
Telephone: (415) 387-3468
Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118 - 1027

County San Francisco

Gepaid: CAD981964463
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .1875
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Contact: KI-TAE PAK/YOUNG S PAK
Telephone: (415) 387-3468
Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118 - 1027

County San Francisco

Gepaid: CAD981964463
TSD EPA ID: CA0000084517
Gen County: San Francisco
Tsd County: Sacramento
Tons: .5475
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: KI-TAE PAK/YOUNG S PAK
Telephone: (415) 387-3468
Mailing Address: 1341 CLEMENT ST
SAN FRANCISCO, CA 94118 - 1027

County San Francisco

Gepaid: CAD981964463
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .5100
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: KI-TAE PAK/YOUNG S PAK
Telephone: (415) 387-3468

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BLUE BIRD CLEANERS (Continued)

1000195486

Mailing Address: 1341 CLEMENT ST
 SAN FRANCISCO, CA 94118 - 1027
 County San Francisco
 Gepaid: CAD981964463
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Sacramento
 Tons: 0.09
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
 Disposal Method: Not reported
 Contact: JOANNE Y PAK/OWNER
 Telephone: (415) 387-3468
 Mailing Address: 1341 CLEMENT ST
 SAN FRANCISCO, CA 94118 - 1027
 County Not reported

[Click this hyperlink](#) while viewing on your computer to access
 7 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :
 Facility ID : 1869
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

CP349
East
> 1
7662 ft.

TEXACO
2098 LOMBARD ST
SAN FRANCISCO, CA 94123

HAZNET S100875781
Cortese N/A

Site 1 of 2 in cluster CP

Relative:
Lower

HAZNET:
 Gepaid: CAL000001479
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 1.5637
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Contact: PAT SHEERIN/DWIGHT RUDD
 Telephone: (000) 000-0000
 Mailing Address: 2098 LOMBARD ST
 SAN FRANCISCO, CA 94123
 County San Francisco

Actual:
36 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO (Continued)

S100875781

Gepaid: CAL000001479
TSD EPA ID: CAD980887418
Gen County: San Francisco
Tsd County: 1
Tons: .7297
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: PAT SHEERIN/DWIGHT RUDD
Telephone: (000) 000-0000
Mailing Address: 2098 LOMBARD ST
SAN FRANCISCO, CA 94123
County San Francisco

Gepaid: CAL000001479
TSD EPA ID: CAD980887418
Gen County: San Francisco
Tsd County: 1
Tons: 1.6888
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: PAT SHEERIN/DWIGHT RUDD
Telephone: (000) 000-0000
Mailing Address: 2098 LOMBARD ST
SAN FRANCISCO, CA 94123
County San Francisco

Gepaid: CAL000001479
TSD EPA ID: CAT080013352
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .6129
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Contact: PAT SHEERIN/DWIGHT RUDD
Telephone: (000) 000-0000
Mailing Address: 2098 LOMBARD ST
SAN FRANCISCO, CA 94123
County San Francisco

Gepaid: CAL000001479
TSD EPA ID: CAD980887418
Gen County: San Francisco
Tsd County: 1
Tons: .3753
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: PAT SHEERIN/DWIGHT RUDD
Telephone: (000) 000-0000
Mailing Address: 2098 LOMBARD ST
SAN FRANCISCO, CA 94123
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access
2 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:
Region: CORTESE
Fac Address 2: 2098 LOMBARD ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

CP350 **TEXACO (FORMER) STATION**
East **2098 LOMBARD STREET**
> 1 **SAN FRANCISCO, CA 94123**
7662 ft.

LUST **S104164316**
 N/A

Site 2 of 2 in cluster CP

Relative:
Lower

State LUST:

Actual:
36 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number:	38-0367	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Other ground water affected		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1/21/97 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	06/08/1987		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	CDM		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	10188		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500325		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO (FORMER) STATION (Continued)

S104164316

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10188
Facility Id: 38-0367
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0367
Region: SAN FRANCISCO
Notify: True
Lat/Long: 37.800129 / 122.434756
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 4/4/88
Number of Wells: 0
Cross Street: FILLMORE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: 19
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/25/93
Closed Date: 1/21/97
Review Date: / /
Report Date: 04/04/88
Leak Source: Piping
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 09/21/87
How Discovered: Tank Closure
Discovered Date: 06/08/87
Case Number: 10188
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TEXACO (FORMER) STATION (Continued)

S104164316

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: 54000
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: TEXACO REFINING &
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 10/25/93
 Facility Staff: CDM
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: 12/6/83
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 01/21/97
 Abatement: Excavate and Dispose (landfill) of soil
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Not defined
 CUFID: 6153
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: FILLMORE ST
 Benzene Test: YES
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CQ351 RESIDENCE
SE 750 PRESIDIO AVE
> 1 SAN FRANCISCO, CA 94115
7689 ft.

HAZNET S103961045
LUST N/A
Cortese

Relative: Higher
Actual: 245 ft.

Site 1 of 3 in cluster CQ

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1068
 Reg Board: 2
 Chemical: Heater Fuel

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103961045

Lead Agency:	Local Agency	Confirm Leak:	Not reported
Local Agency :	38000L	Prelim Assess:	Not reported
Case Type:	Soil only	Remed Plan:	Not reported
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1/22/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	02/20/1998		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	11004		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500961		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	11004
Facility Id:	38-1068
Facility Status:	Case Closed
How Discovered:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103961045

Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1068
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 2/20/98
Number of Wells: Not reported
Cross Street: SUTTER ST
Free Product: No
Amount of Free Product: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/2/98
Closed Date: 1/22/99
Review Date: / /
Report Date: 02/20/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 02/20/98
How Discovered: Tank Closure
Discovered Date: 02/20/98
Case Number: 11004
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 07/02/98

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103961045

Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 07/02/98
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 01/22/99
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: SUTTER ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAC001412272
TSD EPA ID: NVD982358483
Gen County: San Francisco
Tsd County: 99
Tons: 2.1892
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: DONALD STROH
Telephone: (000) 000-0000
Mailing Address: 3622 21ST ST
SAN FRANCISCO, CA 94114
County: San Francisco

CORTESE:

Region: CORTESE
Fac Address 2: 750 PRESIDIO AVE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

CM352
South
> 1
7729 ft.

SHELL SERVICE STATION
4501 GEARY BL
SAN FRANCISCO, CA 94118

LUST **S105194341**
N/A

Site 2 of 3 in cluster CM

Relative:
Higher

State LUST:

Actual:
176 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0342
 Reg Board: 2
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/24/94 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/20/1980
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10074
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500302
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

S105194341

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10074
Facility Id: 38-0342
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0342
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.7808 / 122.466465
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/20/80
Number of Wells: 0
Cross Street: 9TH AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: USED OIL (WASTE)
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: 05/13/92
NOR Date: 5/13/92
Closed Date: 7/24/94
Review Date: / /
Report Date: 05/20/80
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 05/20/80
How Discovered: Tank Closure
Discovered Date: 05/20/80
Case Number: 10074
Staff Initial: VP
Substance: Waste Oil
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHELL SERVICE STATION (Continued)

S105194341

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 05/13/92
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/24/94
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: 9TH AVE
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CM353 SHELL
South 4501 GEARY BLVD
> 1 SAN FRANCISCO, CA 94118
7729 ft.
Relative: Site 3 of 3 in cluster CM
Higher
Actual: 176 ft.

HAZNET S103963186
Cortese N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SHELL (Continued)

S103963186

HAZNET:
Gepaid: CAD981401615
TSD EPA ID: CAD009466392
Gen County: San Francisco
Tsd County: 7
Tons: .5000
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: EQUILON ENTERPRISES LLC
Telephone: (713) 241-2258
Mailing Address: PO BOX 2099
HOUSTON, TX 77252 - 2099
County: San Francisco
Gepaid: CAD981401615
TSD EPA ID: CAD009466392
Gen County: San Francisco
Tsd County: 7
Tons: .5000
Waste Category: Empty containers less than 30 gallons
Disposal Method: Recycler
Contact: EQUILON ENTERPRISES LLC
Telephone: (713) 241-2258
Mailing Address: PO BOX 2099
HOUSTON, TX 77252 - 2099
County: San Francisco
Gepaid: CAD981401615
TSD EPA ID: Not reported
Gen County: San Francisco
Tsd County: Los Angeles
Tons: 0.22
Waste Category: Transfer Station
Disposal Method: Transfer Station
Contact: NORA CORTEZ/ENV. DATA ANALYST
Telephone: (713) 241-3353
Mailing Address: PO BOX 4453 TSP 1922
HOUSTON, TX 77210 - 4453
County: Not reported
Gepaid: CAD981401615
TSD EPA ID: Not reported
Gen County: San Francisco
Tsd County: Los Angeles
Tons: 0.01
Waste Category: Other organic solids
Disposal Method: Transfer Station
Contact: NORA CORTEZ/ENV. DATA ANALYST
Telephone: (713) 241-3353
Mailing Address: PO BOX 4453 TSP 1922
HOUSTON, TX 77210 - 4453
County: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHELL (Continued)

S103963186

Gepaid: CAD981401615
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Kern
 Tons: 15.17
 Waste Category: Contaminated soil from site clean-ups
 Disposal Method: Disposal, Land Fill
 Contact: NORA CORTEZ/ENV. DATA ANALYST
 Telephone: (713) 241-3353
 Mailing Address: PO BOX 4453 TSP 1922
 HOUSTON, TX 77210 - 4453
 County: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 4501 GEARY BLVD

Region: CORTESE
 Fac Address 2: 4501 GEARY BLVD

**354
 NNW
 > 1
 7763 ft.**

**GOLDEN GATE BRIDGE
 TOLL PLAZA, HIGHWAY 101
 SAN FRANCISCO, CA 94129**

**VCP S101272853
 N/A**

**Relative:
 Lower**

VCP:
 Facility ID: 38990002
 Dtsc Region Code: 2
 Region Code Definition: BERKELEY
 County Code: 38
 Site Name Under: Not reported
 Current Status Date: 04011996
 Current Status Code: VCP
 Current Status: VOLUNTARY CLEANUP PROGRAM
 Lead Agency Code: DTSC
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
 Site Type Code: VCP
 Site Type: VOLUNTARY CLEANUP PROGRAM
 National Priorities List: N
 Tier: Not reported
 Source Of Funding Code: C
 Staff Member: JNAITO
 Supervisor: Not reported
 Sic Code: 99
 Sic Code Definition: NONCLASSIFIABLE ESTABLISHMENTS
 Site Mitigatn & Brnfls Reuse Prog (SMBR) Code: NC
 SMBR Branch: NORTH COAST
 Regional Water Quality Control Board: SF
 RWQCB Definition: SAN FRANCISCO BAY
 Site Access Controlled: C
 Listed In Haz Wst & Substncls Sites List (CORTESE): Not reported
 Date Hazard Ranked: Not reported
 GW Contamination Suspected: Not reported
 # Of Sources Contributing To Contamination: 0
 Lat/Long: 0° 0' 0" / 0° 0' 0"
 Direction Lat: Not reported
 Direction Long: Not reported
 Lat/long Method: Not reported
 Entity Lat/long Coordinates Refer To: Not reported

**Actual:
 0 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GOLDEN GATE BRIDGE (Continued)

S101272853

State Assembly Distt Code : 13
 State Senate Distt Code : 03
 Identifying Code: EPA
 ID Value: CAD982023988
 Other ID Desc: EPA IDENTIFICATION NUMBER
 Alternate Name(s): GOLDEN GATE BRIDGE
 Address(es) : TOLL PLAZA, HIGHWAY 101
 SAN FRANCISCO, CA 94129

Background Info :
 The site consists of areas below and around the North and South approaches to the Golden Gate Bridge. The Site is contaminated with lead originating from historical sandblasting of lead based paint from the bridge. On July 15, 1992 DTSC issued a fence and post order to three federal agencies after sampling detected lead as high as 61,000 ppm. The lead cleanup will be conducted in two phases. Phase I will address the contamination directly below the approaches so that the seismic work can proceed safely. The second phase of work was for the entire Site.
 Not reported
 On March 12, 1996 DTSC approved a Remedial Action Plan for Phase I requiring fixation of the lead contaminated soil and using the material as structural backfill. On February 25, 1997, the Plan was modified to allow the contaminated soil to be disposed off-site at an approved landfill. On March 7, 2000, DTSC approved the implementation plan that described the off-site disposal of 18,500 cubic yards of soil.
 Not reported
 Curently, the Bridge District is completing the risk assessment for Phase II.

Facility Id : 38990002
 AWP Activities Code : 1
 DTSC Site Activity Code : ORDER
 Activity Code Def: I/SE, IORSE, FFA, FFSRA, VCA, EA
 AWP Activity Id : FENCE
 Dt Activity Due For Completion : Not reported
 Revised Due Date : Not reported
 Date Activity Completed : 07151992
 Est # Of Person-years To Complete : 0
 Est. Size Of An Activity Code : Not reported
 Site Status When Activity Commitment Made : VCP
 Status Code Definition : VOLUNTARY CLEANUP PROGRAM
 Cubic Yards Of Solids Removed At Completion : 0
 Gallons Of Liquid Removed Upon Completion : 0
 Cubic Yards Of Solids Treated Upon Completion : 0
 Actvy Deleted Via Commitmnt/Completns Screen : Not reported

Facility Id : 38990002
 AWP Activities Code : 2
 DTSC Site Activity Code : SS
 Activity Code Def: Not reported
 AWP Activity Id : Not reported
 Dt Activity Due For Completion : Not reported
 Revised Due Date : Not reported
 Date Activity Completed : 08191992
 Est # Of Person-years To Complete : 0
 Est. Size Of An Activity Code : Not reported
 Site Status When Activity Commitment Made : VCP
 Status Code Definition : VOLUNTARY CLEANUP PROGRAM
 Cubic Yards Of Solids Removed At Completion : 0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GOLDEN GATE BRIDGE (Continued)

S101272853

Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	38990002
AWP Activities Code :	3
DTSC Site Activity Code :	CEQA
Activity Code Def:	CEQA INCLUDING NEGATIVE DECS
AWP Activity Id :	NOD
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	03121996
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	38990002
AWP Activities Code :	4
DTSC Site Activity Code :	RAP
Activity Code Def:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Activity Id :	RA
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	03121996
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	38990002
AWP Activities Code :	5
DTSC Site Activity Code :	ORDER
Activity Code Def:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Activity Id :	VCA
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	04011996
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	38990002
AWP Activities Code :	6
DTSC Site Activity Code :	DES
Activity Code Def:	DESIGN
AWP Activity Id :	PHAS1
Dt Activity Due For Completion :	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GOLDEN GATE BRIDGE (Continued)

S101272853

Revised Due Date :	Not reported
Date Activity Completed :	10171997
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	38990002
AWP Activities Code :	7
DTSC Site Activity Code :	RMDL
Activity Code Def:	REMEDIAL ACTION (RAP REQUIRED)
AWP Activity Id :	PHAS1
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	03072000
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	18500
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	38990002
AWP Activities Code :	8
DTSC Site Activity Code :	RIFS
Activity Code Def:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Activity Id :	PHAS2
Dt Activity Due For Completion :	07012004
Revised Due Date :	Not reported
Date Activity Completed :	Not reported
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	38990002
AWP Activities Code :	9
DTSC Site Activity Code :	RAP
Activity Code Def:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Activity Id :	PHAS2
Dt Activity Due For Completion :	03312005
Revised Due Date :	Not reported
Date Activity Completed :	Not reported
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GOLDEN GATE BRIDGE (Continued)

S101272853

Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Facility Id : 38990002
AWP Activities Code : 10
DTSC Site Activity Code : DES
Activity Code Def: DESIGN
AWP Activity Id : PHAS2
Dt Activity Due For Completion : 10312005
Revised Due Date : Not reported
Date Activity Completed : Not reported
Est # Of Person-years To Complete : 0
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Facility Id : 38990002
AWP Activities Code : 11
DTSC Site Activity Code : RMDL
Activity Code Def: REMEDIAL ACTION (RAP REQUIRED)
AWP Activity Id : PHAS2
Dt Activity Due For Completion : 10312006
Revised Due Date : Not reported
Date Activity Completed : Not reported
Est # Of Person-years To Complete : 0
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Facility Id : 38990002
AWP Activities Code : 12
DTSC Site Activity Code : CERT
Activity Code Def: CERTIFICATION
AWP Activity Id : Not reported
Dt Activity Due For Completion : 12312006
Revised Due Date : Not reported
Date Activity Completed : Not reported
Est # Of Person-years To Complete : 0
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Facility Id : 38990002
AWP Activities Code : 13
DTSC Site Activity Code : RAP
Activity Code Def: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Activity Id : AMDRA
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 02251997

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GOLDEN GATE BRIDGE (Continued)

S101272853

Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	38990002
AWP Activities Code :	14
DTSC Site Activity Code :	CHP65
Activity Code Def:	AMENDED ORDER/AGREEMENT, CHAPTER 6.5 TRANSITION
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	01291999
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Special Program Code:	Not reported
Special Program :	Not reported
Comments Date :	Not reported
Comments :	Not reported

355
 SSW
 > 1
 7765 ft.

SAN FRANCISCO FRENCH BREA
399 10TH
SAN FRANCISCO, CA 94118

HAZNET **U003716499**
LUST **N/A**
Cortese

Relative:
Higher

State LUST:

Actual:
174 ft.

Cross Street:	Not reported		
Qty Leaked:	0		
Case Number	38-0873		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1/27/97 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	10/18/1994		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SAN FRANCISCO FRENCH BREA (Continued)

U003716499

How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 10727
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500768
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10727
Facility Id: 38-0873
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0873
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 10/28/94
Number of Wells: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SAN FRANCISCO FRENCH BREA (Continued)

U003716499

Cross Street: GEARY BLVD
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 11/8/96
Closed Date: 1/27/97
Review Date: 01/27/97
Report Date: 10/28/94
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 10/18/94
Case Number: 10727
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 11/08/96
Facility Staff: SC
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 10/18/94
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 01/27/97
Abatement: Excavate and Dispose (landfill) of soil
CUFID: 11178
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: GEARY BLVD

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SAN FRANCISCO FRENCH BREA (Continued)

U003716499

Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 22
TPH Date: 08/02/94
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAC001005600
TSD EPA ID: CAD980883177
Gen County: San Francisco
Tsd County: Kern
Tons: 1.2510
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: SF FRENCH BREAD COMPANY
Telephone: (000) 000-0000
Mailing Address: 7801 EDGEWATER DR
OAKLAND, CA 94621
County: San Francisco
Gepaid: CAC001005600
TSD EPA ID: CAD004771168
Gen County: San Francisco
Tsd County: San Francisco
Tons: 1.2750
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: SF FRENCH BREAD COMPANY
Telephone: (000) 000-0000
Mailing Address: 7801 EDGEWATER DR
OAKLAND, CA 94621
County: San Francisco

CORTESE:

Region: CORTESE
Fac Address 2: Not reported

**CR356
SE
> 1
7767 ft.**

**CHANDLER PROPERTIES
2890 CALIFORNIA STREET
SAN FRANCISCO, CA 94115**

**LUST S102426520
N/A**

**Relative:
Higher**

Site 1 of 3 in cluster CR

State LUST:
Cross Street: Not reported
Qty Leaked: 0
Case Number: 38-0582
Reg Board: 2
Chemical: Diesel
Lead Agency: Local Agency

**Actual:
176 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHANDLER PROPERTIES (Continued)

S102426520

Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 8/16/95 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 02/22/1995
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10427
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500507
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:
Region: 2
Case Number: 10427
Facility Id: 38-0582
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHANDLER PROPERTIES (Continued)

S102426520

Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0582
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.788002 / 122.440723
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 2/22/95
Number of Wells: 0
Cross Street: BRODERICK ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/31/95
Closed Date: 8/16/95
Review Date: / /
Report Date: 02/22/95
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 02/22/95
Case Number: 10427
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/31/95
Facility Staff: AL

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHANDLER PROPERTIES (Continued)

S102426520

Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: 5/19/95
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 08/16/95
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BRODERICK ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**CR357
 SE
 > 1
 7767 ft.**

**CHANDLER PROPERTIES
 2890 CALIFORNIA ST
 SAN FRANCISCO, CA**

**Cortese S100852983
 N/A**

Site 2 of 3 in cluster CR

**Relative:
 Higher**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2890 CALIFORNIA ST

**Actual:
 176 ft.**

**CS358
 East
 > 1
 7804 ft.**

**3141 FILMORE ST
 SAN FRANCISCO, CA 94116**

**CHMIRS S105649658
 N/A**

Site 1 of 3 in cluster CS

**Relative:
 Lower**

CHMIRS:
 OES Control Number: 97-3284
 Chemical Name: Perchloroethylene
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported
 Agency Id Number : Not reported

**Actual:
 44 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S105649658

Agency Incident Number :	Not reported
OES Incident Number :	97-3284
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	Not reported
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Other
Cleanup By :	not possible
Containment :	Yes
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	8/22/199706:54:30 PM
Evacuations :	0
True date :	12/31/03
Year :	1997
Agency :	SF City FD
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	40
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105649658

Unknown : 0
 Description : At a Cleaners. A leaky valve, substance went onto floor and evaporated.
 Incident date : 8/22/1997 12:00:00 AM
 Admin Agency : San Francisco County Health Department
 OES date : Not reported
 OES time : Not reported
 Amount : Not reported

CT359 RESIDENTIAL PROPERTY
SW 24 25TH AVE
> 1 SAN FRANCISCO, CA 94121
7833 ft.

LUST S106117959
N/A

Site 1 of 3 in cluster CT

Relative:
 Lower

State LUST:
 Cross Street: SEACLIFF AVE
 Qty Leaked: 0
 Case Number 38-2247
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 11/4/03 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: 11/13/03 0:00
 Monitoring: Not reported
 Close Date: 1/6/04 0:00
 Release Date: 11/05/2003
 Cleanup Fund Id : Not reported
 Discover Date : 11/04/2003
 Enforcement Dt : Not reported
 Enf Type: CLOS
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: UNK
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11586
 Beneficial: Not reported
 Staff : GVL
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 11/04/2003
 Work Suspended : Not reported

Actual:
 56 ft.

Confirm Leak: 11/4/03 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENTIAL PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S106117959

Responsible Party: GERALD HEISER
 RP Address: 3220 WOOD VALLEY ROAD
 Global Id: T0607537201
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11586
 Facility Id: 38-2247
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: UNK
 Leak Source: Tank
 Date Leak Confirmed: 11/4/2003
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: 11/13/2003
 Date Remediation Action Underway: Not reported

360
 SW
 > 1
 7853 ft.

RESIDENCE
95 WEST CLAY STREET
SAN FRANCISCO, CA 94121

LUST S105248122
N/A

Relative:
Higher

State LUST:

Actual:
107 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0859
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/10/97 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 11/19/1996
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248122

How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10755
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500754
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10755
Facility Id: 38-0859
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0859
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 7/29/96
Number of Wells: 0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248122

Cross Street: 24TH ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: Lobos Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /
 NOR Date: 12/31/96
 Closed Date: 1/10/97
 Review Date: / /
 Report Date: 07/29/96
 Leak Source: Tank
 Leak Cause: Structure Failure
 How Stopped: Repair Tank
 Stopped Date: 07/23/96
 How Discovered: Tank Closure
 Discovered Date: 11/19/96
 Case Number: 10755
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 12/31/96
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 01/10/97
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: 24TH ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S105248122

Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**CU361
 ESE
 > 1
 7859 ft.**

**CASON PROPERTY
 2430 BROADWAY ST
 SAN FRANCISCO, CA 94115**

**HAZNET S103645455
 Cortese N/A**

Site 1 of 2 in cluster CU

**Relative:
 Higher**

HAZNET:

**Actual:
 180 ft.**

Gepaid: CAC000769536
 TSD EPA ID: CAL000048571
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 2.9190
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: ROXANNE CASON
 Telephone: (415) 751-0841
 Mailing Address: 2430 BROADWAY ST
 SAN FRANCISCO, CA 94115
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 2430 BROADWAY ST

**CU362
 ESE
 > 1
 7859 ft.**

**CASON PROPERTY
 2430 BROADWAY STREET
 SAN FRANCISCO, CA 94115**

**LUST S102859779
 N/A**

Site 2 of 2 in cluster CU

**Relative:
 Higher**

State LUST:

**Actual:
 180 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0930
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CASON PROPERTY (Continued)

S102859779

Remed Action: Not reported
Monitoring: Not reported
Close Date: 11/14/97 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 05/02/1997
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10816
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500824
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10816
Facility Id: 38-0930
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CASON PROPERTY (Continued)

S102859779

Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0930
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/2/97
Number of Wells: Not reported
Cross Street: STEINER
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/16/97
Closed Date: 11/14/97
Review Date: / /
Report Date: 05/02/97
Leak Source: Tank
Leak Cause: Overfill
How Stopped: Close Tank
Stopped Date: 04/29/97
How Discovered: Tank Closure
Discovered Date: 05/02/97
Case Number: 10816
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 5
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: ROXANNE CASON
RP Address: Not reported
Operator: Not reported
Entered Date: 07/16/97
Facility Staff: SC
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CASON PROPERTY (Continued)

S102859779

Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/14/97
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: STEINER
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: <
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CV363 SHELL-BRANDED SERVICE STATION
SSE 3035 GEARY BLVD.
> 1 SAN FRANCISCO, CA 94118
7878 ft.

LUST S106161989
N/A

Site 1 of 2 in cluster CV

**Relative:
 Higher**

State LUST:
 Cross Street: COOK STREET
 Qty Leaked: 0
 Case Number 38-2268
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Leak being confirmed
 Review Date: 11/12/02 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 11/25/2002
 Cleanup Fund Id : Not reported
 Discover Date : 11/12/2002
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: UM
 How Stopped: New Tank

**Actual:
 234 ft.**

Confirm Leak: 11/12/02 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHELL-BRANDED SERVICE STATION (Continued)

S106161989

Interim : Not reported
 Leak Cause: UNK
 Leak Source: UNK
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 11607
 Beneficial: Not reported
 Staff : GVL
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 11/12/2002
 Work Suspended :Not reported
 Responsible PartyLYNN WALKER
 RP Address: 20945 S. WILMINGTON AVE
 Global Id: T0607537102
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11607
 Facility Id: 38-2268
 Facility Status: Leak being confirmed
 How Discovered: UM
 Leak Cause: UNK
 Leak Source: UNK
 Date Leak Confirmed: 11/12/2002
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

CW364 APARTMENTS
ESE 2250 GREEN
> 1 SAN FRANCISCO, CA 94123
7884 ft.

HAZNET S104571172
Cortese N/A

Site 1 of 2 in cluster CW

**Relative:
 Higher**

**Actual:
 91 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENTS (Continued)

S104571172

HAZNET:
 Gepaid: CAC002175849
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: 0.75
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: GREEN ST HOMEOWNERS ASSC
 Telephone: (415) 447-1550
 Mailing Address: PO BOX 590206
 SAN FRANCISCO, CA 94159
 County San Francisco

Gepaid: CAC002175849
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 1.5846
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: GREEN ST HOMEOWNERS ASSC
 Telephone: (415) 447-1550
 Mailing Address: PO BOX 590206
 SAN FRANCISCO, CA 94159
 County San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

CW365 APARTMENT BUILDING
ESE 2250 GREEN STREET
> 1 SAN FRANCISCO, CA 94123
7884 ft.

LUST S104657207
N/A

Relative:
Higher

Site 2 of 2 in cluster CW

Actual:
91 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1461
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/27/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 07/07/1999
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENT BUILDING (Continued)

S104657207

Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11314
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501345
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11314
 Facility Id: 38-1461
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1461
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

APARTMENT BUILDING (Continued)

S104657207

Case Type: Soil only
Release Date: 10/27/99
Number of Wells: Not reported
Cross Street: Steiner
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: MARINA BASIN
Enforcement Type: NOR
Enforcement Due Date: 11/03/99
NOR Date: 11/3/99
Closed Date: Not reported
Review Date: 01/29/01
Report Date: 10/27/99
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Close Tank
Stopped Date: 07/07/99
How Discovered: Tank Closure
Discovered Date: 07/07/99
Case Number: 11314
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 07/15/99
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Mark Bristow
Entered Date: 11/03/99
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 07/07/99
Workplan Submitted: Not reported
Assessment Underway: 3/28/00
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: 1/29/01
Case Closed: 02/23/01
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENT BUILDING (Continued)

S104657207

Suspended: No
 Program: LOP
 Cross Street: Steiner
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: 20000
 Max TPH Soil: 2200
 TPH Date: 07/15/99
 Block: Not reported
 Lot: Not reported
 TPH Current: 20000
 TPH Current Date: 3/28/00
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**CX366
 SE
 > 1
 7892 ft.**

**2878 SACRAMENTO ST PROPER
 2878 SACRAMENTO
 SAN FRANCISCO, CA 94115**

**LUST S104234089
 Cortese N/A**

Site 1 of 2 in cluster CX

**Relative:
 Higher**

State LUST:

**Actual:
 195 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1425
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/25/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 08/26/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11038

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2878 SACRAMENTO ST PROPER (Continued)

S104234089

Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501309
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11038
Facility Id: 38-1425
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1425
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 9/8/98
Number of Wells: Not reported
Cross Street: SCOTT STREET
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2878 SACRAMENTO ST PROPER (Continued)

S104234089

Enforcement Type: NOR
Enforcement Due Date: 09/10/98
NOR Date: 9/10/98
Closed Date: 9/25/98
Review Date: / /
Report Date: 09/08/98
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 08/20/98
How Discovered: Tank Closure
Discovered Date: 08/26/98
Case Number: 11038
Staff Initial: Not reported
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 09/10/98
Facility Staff: SC
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 09/08/98
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/25/98
Abatement: Not defined
CUFID: Not reported
Beneficial Use: No
Suspended: Not reported
Program: LOP
Cross Street: SCOTT STREET
Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 350
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

2878 SACRAMENTO ST PROPER (Continued)

S104234089

MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

 CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

CY367 COW HOLLOW GARAGE
East 3060 FILLMORE ST
> 1 SAN FRANCISCO, CA 94123
7898 ft.

LUST U003716058
Cortese N/A

Site 1 of 2 in cluster CY

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0120
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/19/95 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 02/17/1993
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: CDM
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10145
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 52 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COW HOLLOW GARAGE (Continued)

U003716058

Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500108
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10145
Facility Id: 38-0120
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0120
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.797734 / 122.434417
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 2/24/93
Number of Wells: 0
Cross Street: FILBERT ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: 27
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: 03/29/93
NOR Date: 3/29/93
Closed Date: 4/19/95
Review Date: / /
Report Date: 02/24/93
Leak Source: Tank
Leak Cause: Structure Failure

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COW HOLLOW GARAGE (Continued)

U003716058

How Stopped: Close Tank
Stopped Date: 12/22/89
How Discovered: Tank Closure
Discovered Date: 02/17/93
Case Number: 10145
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 03/29/93
Facility Staff: CDM
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: 2/24/93
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 04/19/95
Abatement: No Action Taken
CUFID: 7588
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: FILBERT ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

CORTESE:
Region: CORTESE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

COW HOLLOW GARAGE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Fac Address 2: 3060 FILLMORE ST

U003716058

368
WSW
> 1
7904 ft.

PETTERSEN PROPERTY
1 25TH AVE
SAN FRANCISCO, CA 94121

LUST **S103283911**
Cortese **N/A**

Relative:
Lower

State LUST:

Actual:
44 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1052
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 3800L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/24/98 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 09/30/1997
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10942
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607500945
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtb Fuel: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PETTERSEN PROPERTY (Continued)

S103283911

Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10942
Facility Id: 38-1052
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1052
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/2/97
Number of Wells: 0
Cross Street: SEACLIFF ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/6/98
Closed Date: 7/24/98
Review Date: / /
Report Date: 10/02/97
Leak Source: Tank
Leak Cause: Overfill
How Stopped: Repair Tank
Stopped Date: 10/02/97
How Discovered: Tank Closure
Discovered Date: 09/30/97
Case Number: 10942
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PETTERSEN PROPERTY (Continued)

S103283911

Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: MICHAEL PETTERSEN
RP Address: Not reported
Operator: Not reported
Entered Date: 03/06/98
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/24/98
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: SEACLIFF ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

CORTESE:
Region: CORTESE
Fac Address 2: 1 25TH AVE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CV369 **RAINBOW CLEANERS**
SSE **3001B GEARY BOULEVARD**
> 1 **SAN FRANCISCO, CA 94118**
7904 ft.

FINDS **1005773864**
CLEANERS **110010468733**
EMI

Site 2 of 2 in cluster CV

Relative:
Higher

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Emissions Trends
 National Toxics Inventory

Actual:
240 ft.

CA Cleaners:

Inactive Date: 6/30/1999
 EPA Id: CAL000015806
 Facility Address 2 Not reported
 NAICS Code : Not reported
 Facility Active : No
 Mail Name : Not reported
 Mailing Address: 3001 GEARY BLVD # B
 SAN FRANCISCO, CA 94118
 Owner Name : CHOW WAN
 Mailing Address: --
 --, 99 --
 Owner Telephone 0000000000
 Contact Name : --
 Mailing Address: INACT PER NONDEL 99VQ - CRE
 - BATCH 4/27
 --, 99 --
 Contact Telephone:-
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

EMISSIONS :

Facility ID : 15344
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

Facility ID : 8653
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RAINBOW CLEANERS (Continued)

EDR ID Number
 EPA ID Number

Database(s)

County Code : 38
 County ID : 38

1005773864

CZ370
ESE
 > 1
 7916 ft.

DILLINGHAM PROPERTY
2219 SCOTT ST
SAN FRANCISCO, CA 94115

HAZNET S103642883
Cortese N/A

Site 1 of 2 in cluster CZ

Relative:
Higher

HAZNET:
 Gepaid: CAC001234304
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: GAYLORD DILLINGHAM
 Telephone: (000) 000-0000
 Mailing Address: 2219 SCOTT ST
 SAN FRANCISCO, CA 94115
 County San Francisco
 Gepaid: CAC001234304
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: .4170
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: GAYLORD DILLINGHAM
 Telephone: (000) 000-0000
 Mailing Address: 2219 SCOTT ST
 SAN FRANCISCO, CA 94115
 County San Francisco

Actual:
233 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 2219 SCOTT ST

CZ371
ESE
 > 1
 7916 ft.

DILLINGHAM PROPERTY
2219 SCOTT STREET
SAN FRANCISCO, CA 94115

LUST S102428821
 N/A

Site 2 of 2 in cluster CZ

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0835
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
233 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DILLINGHAM PROPERTY (Continued)

S102428821

Remed Action: Not reported
Monitoring: Not reported
Close Date: 11/8/96 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 09/12/1996
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10693
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500730
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10693
Facility Id: 38-0835
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

DILLINGHAM PROPERTY (Continued)

S102428821

Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0835
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/20/96
Number of Wells: 0
Cross Street: WASHINGTON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/24/96
Closed Date: 11/8/96
Review Date: / /
Report Date: 08/20/96
Leak Source: Tank
Leak Cause: Overfill
How Stopped: Close Tank
Stopped Date: 07/26/96
How Discovered: Tank Closure
Discovered Date: 09/12/96
Case Number: 10693
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 09/24/96
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DILLINGHAM PROPERTY (Continued)

S102428821

Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/08/96
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: WASHINGTON ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 8/20/96 [leak]

372 CALIFORNIA OAK CLEANERS
SSW 4723 GEARY BOULEVARD
> 1 SAN FRANCISCO, CA 94118
7921 ft.

EMI 1006823678
N/A

Relative: EMISSIONS :
Higher Facility ID : 11743
 Air District Code : BA
Actual: SIC Code : 7216
173 ft. Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

CR373 TOWN CLEANERS
SE 2840 CALIFORNIA STREET
> 1 SAN FRANCISCO, CA 94115
7931 ft.

EMI S105940071
N/A

Site 3 of 3 in cluster CR
Relative: EMISSIONS :
Higher Facility ID : 9701
 Air District Code : BA
Actual: SIC Code : 7216
174 ft. Total Priority Score : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

TOWN CLEANERS (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

S105940071

CQ374
SE
 > 1
 7935 ft.

RESIDENCE
2750 SUTTER ST
SAN FRANCISCO, CA 94115

HAZNET **S103648805**
Cortese **N/A**

Site 2 of 3 in cluster CQ

Relative:
Higher

HAZNET:
 Gepaid: CAC001258328
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 3.2692
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: SUTTER ST GROUP
 Telephone: (000) 000-0000
 Mailing Address: 2166 MARKET ST
 SAN FRANCISCO, CA 94114
 County San Francisco

Actual:
229 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 2750 SUTTER ST

CQ375
SE
 > 1
 7935 ft.

RESIDENCE
2750 SUTTER STREET
SAN FRANCISCO, CA 94115

LUST **S105248062**
N/A

Site 3 of 3 in cluster CQ

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0897
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/16/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 03/06/1997

Actual:
229 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248062

Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10814
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500792
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10814
Facility Id: 38-0897
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0897
Region: SAN FRANCISCO

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248062

Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 1/29/97
Number of Wells: 0
Cross Street: LYON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 4/29/97
Closed Date: 5/16/97
Review Date: / /
Report Date: 01/29/97
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 01/29/97
How Discovered: Tank Closure
Discovered Date: 03/06/97
Case Number: 10814
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 04/29/97
Facility Staff: MA
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 05/16/97

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248062

Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LYON ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 1/29/97 [leak]

**CX376
 SE
 > 1
 7938 ft.**

**VETERANS DELUXE CLEANERS
 2053 DIVISADERO STREET
 SAN FRANCISCO, CA 94115**

**FINDS 1004440435
 CLEANERS 110001182611
 EMI**

Site 2 of 2 in cluster CX

**Relative:
 Higher**

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Emissions Trends
 National Toxics Inventory

**Actual:
 182 ft.**

CA Cleaners:
 Inactive Date: Not reported
 EPA Id: CAL000027189
 Facility Address 2 Not reported
 NAICS Code : Not reported
 Facility Active : Yes
 Mail Name : Not reported
 Mailing Address: 2053 DIVISADERO ST
 SAN FRANCISCO, CA 94115
 Owner Name : VETERAN'S DELUXE CLEANERS
 Mailing Address: 2053 DIVISADERO ST
 S F, CA 94115
 Owner Telephone 4155671155
 Contact Name : DAVID HUEY/OWNER
 Mailing Address: 2053 DIVISADERO ST
 SAN FRANCISCO, CA 94115
 Contact Telephone 4155676585
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

EMISSIONS :
 Facility ID : 2075
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

VETERANS DELUXE CLEANERS (Continued)

1004440435

Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

DA377 **HANDA AUTO REPAIR**
SSE **2941 GEARY BLVD**
> 1 **SAN FRANCISCO, CA 94118**
7951 ft.

RCRIS-SQG **1000184357**
FINDS **CAD982026239**
HAZNET
UST
EMI

Site 1 of 3 in cluster DA

**Relative:
 Higher**

RCRIS:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAD982026239
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

**Actual:
 247 ft.**

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Toxics Inventory
 Resource Conservation and Recovery Act Information system

HAZNET:
 Gepaid: CAD982026239
 TSD EPA ID: CAD043260702
 Gen County: San Francisco
 Tsd County: San Mateo
 Tons: .2085
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: SAM HANDA
 Telephone: (415) 751-7860
 Mailing Address: 2941 GEARY BLVD
 SAN FRANCISCO, CA 94118
 County San Francisco
 Gepaid: CAD982026239
 TSD EPA ID: CAD009452657
 Gen County: San Francisco
 Tsd County: San Mateo
 Tons: .0834
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: Recycler
 Contact: SAM HANDA
 Telephone: (415) 751-7860
 Mailing Address: 2941 GEARY BLVD
 SAN FRANCISCO, CA 94118
 County San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HANDA AUTO REPAIR (Continued)

1000184357

Tank Leak Detection (Single Wall) :	
Visual (Exposed Portion) :	Not reported
Automatic Tank Gauging :	Not reported
Continuous Atg :	Not reported
Statscl Invnry Reconciliation & Biennial Tank Test :	Not reported
Manual Tank Gauging :	Not reported
Vadose Zone Tank Leak Detection :	Not reported
Groundwater :	Not reported
Tank Testing :	Not reported
Other Detection :	Not reported
Tank Leak Detection (Double Wall) :	
Visual (Single Wall In Vault Only) :	Not reported
Continuous Interstitial Monitoring :	Not reported
Manual Monitoring :	Not reported
Other Leak Detection :	Not reported
Estimated Date Last Used :	Not reported
Estimated Qty Of Substance Remaining :	Not reported
Tank Filled With Inert Material :	Not reported
Piping System Type (Underground) :	
Pressure :	Not reported
Suction :	Not reported
Gravity :	Not reported
Piping System Type (Aboveground) :	
Pressure :	Not reported
Suction :	Not reported
Gravity :	Not reported
Piping Construction (Underground) :	
Single Wall :	Not reported
Double Wall :	Not reported
Lined Trench :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Manufacturer (Underground) :	
Piping Construction (Aboveground) :	
Single Wall :	Not reported
Double Wall :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Manufacturer (Aboveground) :	
Piping Mat. And Corrosion Protection (Underground) :	
Bare Steel :	Not reported
Stainless Steel :	Not reported
Plastic Compatible With Contents :	Not reported
Fiberglass :	Not reported
Steel W/coating :	Not reported
FRP Compatible W/100% Methanol :	Not reported
Galvanized Steel :	Not reported
Flexible (HDPE - High Density Polyethylene) :	Not reported
Cathodic Protection :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Mat. & Corrosion Protec (Aboveground) :	
Bare Steel :	Not reported
Stainless Steel :	Not reported
Plastic Compatible With Contents :	Not reported
Fiberglass :	Not reported
Steel W/coating :	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HANDA AUTO REPAIR (Continued)

1000184357

Frp Compatible W/100% Methanol :	Not reported
Galvanized Steel :	Not reported
Flexible (HDPE - High Density Polyethylene) :	Not reported
Cathodic Protec n :	Not reported
Unknown :	Not reported
Other :	Not reported
Piping Leak Detection (Underground - Single Wall) :	
Electronic Line Leak Detector/ Auto Shutoff/ Alarms :	Not reported
Monthly 0.2 Gph Test :	Not reported
Annual Integrity Test :	Not reported
Daily Visual Monitrng ,Trienn Integrity Test :	Not reported
Self Monitoring :	Not reported
Biennial Integrity Test :	Not reported
Piping Leak Detection (Secondarily Contained) :	
Sump Sensor, Alarms ,Auto Shutoff For Leaks :	Not reported
Sump Snsr, Alm ,Auto Shutoff For Leaks, Failure, & Disconnect :	Not reported
Sump Sensor ,Alarms ,No Auto Shutoff :	Not reported
Pressure, Auto Leak Detctr ,Flow Shutoff Or Restrictn	Not reported
Annual Integrity Test :	Not reported
Suction,Gravity ,Sump Sensor,Alarms :	Not reported
Piping Leak Detection (Emergency Generators) :	
Sump Sensor W/O Auto Shutoff /Alarms :	Not reported
Auto Leak Detector W/O Flow Shutoff Or Restrctn :	Not reported
Annual Integrity Test :	Not reported
Piping Leak Detecn Abvegrnd - Emrgncy Gen - Daily Visual Chk :	
Not reported	
Pipe Integrity Test, Underground :	
Not reported	
Piping Leak Detection (Aboveground - Single Wall) :	
Electronic Line Leak Detector /Auto Shutoff /Alarms :	Not reported
Monthly 0.2 Gph Test :	Not reported
Annual Integrity Test :	Not reported
Single Wall, Pressure Daily Visual Check :	Not reported
Single Wall, Suction - Daily Visual Monitoring :	Not reported
Triennial Integrity Test :	Not reported
Self Monitoring :	Not reported
Single Wall, Gravity - Daily Visual Monitoring :	Not reported
Biennial Integrity Test :	Not reported
Piping Leak Detection (Aboveground - Secondarily Contained)	
Sump Sensor, Alarms, Auto Shutoff For Leaks :	Not reported
Piping Leak Detection (Underground - Secondarily Contained)	
Sump Snsr, Alm , Auto Shutoff For Leaks, Failre & Disconct :	Not reported
Sump Sensor, Alarms, No Auto Shutoff :	Not reported
Pressure - Auto Leak Detctr, Flow Shutoff /Restrctn :	Not reported
Annual Integrity Test :	Not reported
Suction/gravity - Sump Sensor , Alarms :	Not reported
Piping Leak Detection Underground (Emergency Generators)	
Sump Sensor Without Auto Shutoff , Alarms :	Not reported
Auto Leak Detector W/o Flow Shutoff Or Restrctn :	Not reported
Annual Integrity Test :	Not reported
Daily Visual Check :	Not reported
Pipe Integrity Test, Aboveground :	
Not reported	
Date Dispenser Containment Installed :	
Not reported	
Dispenser Containment Type :	
Not reported	
Date Certified (Tank Unit) :	
Not reported	
Owner/ Operator Name (Tank Unit) :	
Not reported	
Owner/ Operator Title (Tank Unit) :	
Not reported	
Permit Number :	
Not reported	
Permit Approved By :	
Not reported	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HANDA AUTO REPAIR (Continued)

1000184357

Permit Expiration Date :	Not reported
Last Annual Monitoring Cert:	Not reported
Secondary Containment Test :	Not reported
Spill Containment Present :	Not reported
Drop Tube Present :	Not reported
Striker Plate Present :	Not reported
Alarm Present :	Not reported
Ball Float Present :	Not reported
Fill Tube Present :	Not reported
Other Tank Leak Detection Present :	Not reported
UST Close ID :	1991
Application Date :	3/17/1995
Application Name :	Tim Hallen
Applications :	Bay Area Tank
2ndry Care Of Address :	Not reported

DA378 HONDA AUTO PROPERTY
SSE 2941 GEARY BLVD
> 1 SAN FRANCISCO, CA 94118
7951 ft.

LUST S103472579
Cortese N/A

Site 2 of 3 in cluster DA

**Relative:
 Higher**

**Actual:
 247 ft.**

State LUST:	
Cross Street:	Not reported
Qty Leaked:	0
Case Number	38-0646
Reg Board:	2
Chemical:	Gasoline
Lead Agency:	Local Agency
Local Agency :	38000L
Case Type:	Soil only
Status:	Case Closed
Review Date:	Not reported
Workplan:	Not reported
Pollution Char:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	9/22/95 0:00
Release Date:	Not reported
Cleanup Fund Id :	Not reported
Discover Date :	04/26/1995
Enforcement Dt :	Not reported
Enf Type:	NOR
Enter Date :	Not reported
Funding:	Not reported
Staff Initials:	MA
How Discovered:	Not reported
How Stopped:	Not reported
Interim :	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
MTBE Date :	Not reported
Max MTBE GW :	Not reported
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority:	Not reported
Local Case # :	10510
Beneficial:	Not reported
Staff :	VP
GW Qualifier :	Not reported

Confirm Leak:	Not reported
Prelim Assess:	Not reported
Remed Plan:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HONDA AUTO PROPERTY (Continued)

S103472579

Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500565
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10510
Facility Id: 38-0646
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0646
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.78199 / 122.449315
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/26/95
Number of Wells: 0
Cross Street: BLAKE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/16/95

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HONDA AUTO PROPERTY (Continued)

S103472579

Closed Date: 9/22/95
Review Date: / /
Report Date: 04/26/95
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 04/20/95
How Discovered: Tank Closure
Discovered Date: 04/26/95
Case Number: 10510
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 08/16/95
Facility Staff: MA
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 08/24/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/22/95
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: BLAKE ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HONDA AUTO PROPERTY (Continued)

EDR ID Number
 EPA ID Number

S103472579

Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

 CORTESE:
 Region: CORTESE
 Fac Address 2: 2941 GEARY BLVD

**DA379
 SSE
 > 1
 7960 ft.**

**FRANK SERPA PROPERTY
 2931 GEARY BLVD
 SAN FRANCISCO, CA 94118**

**LUST S102430434
 Cortese N/A**

Site 3 of 3 in cluster DA

**Relative:
 Higher**

**Actual:
 248 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0652
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/21/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/21/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10499
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRANK SERPA PROPERTY (Continued)

S102430434

Responsible Party: Not reported
RP Address: Not reported
Global Id: T0607500571
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10499
Facility Id: 38-0652
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0652
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.781999 / 122.449227
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/26/95
Number of Wells: 0
Cross Street: WOOD ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/15/95
Closed Date: 9/21/95
Review Date: / /
Report Date: 04/26/95
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Not reported
Stopped Date: / /
How Discovered: Tank Closure

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRANK SERPA PROPERTY (Continued)

S102430434

Discovered Date: 04/21/95
Case Number: 10499
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 08/15/95
Facility Staff: SC
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 08/24/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/21/95
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: WOOD ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

CORTESE:

Region: CORTESE
Fac Address 2: 2931 GEARY BLVD

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

380
South
> 1
7973 ft.

SFPD RICHMOND STATION
461 6TH AVE
SAN FRANCISCO, CA

Cortese **S102436755**
N/A

Relative:
Higher

CORTESE:
 Region: **CORTESE**
 Fac Address 2: **461 6TH AVE**

Actual:
184 ft.

CS381
East
> 1
7984 ft.

RESIDENCE
2170 FILBERT STREET
SAN FRANCISCO, CA 94123

LUST **S105248042**
N/A

Relative:
Lower

Site 2 of 3 in cluster CS

Actual:
50 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1302
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 10/18/95 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/26/03 0:00
 Release Date: 10/18/1995
 Cleanup Fund Id : Not reported
 Discover Date : 10/18/1995
 Enforcement Dt : Not reported
 Enf Type: CLOS
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11017
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported

Confirm Leak: 10/18/95 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248042

Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501187
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11017
Facility Id: 38-1302
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: 10/18/1995
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1302
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/18/95
Number of Wells: Not reported
Cross Street: PIXLEY ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/11/99
Closed Date: Not reported
Review Date: / /
Report Date: 10/18/95
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248042

Stopped Date: / /
How Discovered: Not reported
Discovered Date: 10/18/95
Case Number: 11017
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Irene Parker
RP Address: Not reported
Operator: Not reported
Entered Date: 02/11/99
Facility Staff: SC
Facility Status: 1
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/11/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: / /
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: PIXLEY ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

CS382 **RESIDENCE**
East **2170 FILBERT ST**
> 1 **SAN FRANCISCO, CA 94123**
7984 ft.

HAZNET **S102801934**
Cortese **N/A**

Site 3 of 3 in cluster CS

Relative:
Lower

HAZNET:

Gepaid: CAC001012824
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: IRENE DELCASTELLO
 Telephone: (000) 000-0000
 Mailing Address: MICHAEL PARKER
 TIBURON, CA 94920
 County San Francisco

Actual:
50 ft.

Gepaid: CAC001012824
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: 2.5020
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: IRENE DELCASTELLO
 Telephone: (000) 000-0000
 Mailing Address: MICHAEL PARKER
 TIBURON, CA 94920
 County San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 2170 FILBERT ST

DB383 **RESIDENCE**
East **1580 BEACH ST**
> 1 **SAN FRANCISCO, CA 94123**
7998 ft.

HAZNET **S102432286**
Cortese **N/A**

Site 1 of 2 in cluster DB

Relative:
Lower

HAZNET:

Gepaid: CAC001103000
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: 6.6720
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: FRIDA KOPPL
 Telephone: (415) 922-0131
 Mailing Address: P O BOX 470023
 SAN FRANCISCO, CA 94147
 County San Francisco

Actual:
18 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S102432286

Gepaid: CAC001103000
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: FRIDA KOPPL
 Telephone: (415) 922-0131
 Mailing Address: P O BOX 470023
 SAN FRANCISCO, CA 94147
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 1580 BEACH ST

DB384
East
> 1
7998 ft.

RESIDENCE
1580 BEACH STREET
SAN FRANCISCO, CA 94123

LUST S105248018
N/A

Site 2 of 2 in cluster DB

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0616
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/30/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/28/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11014
 Beneficial: Not reported
 Staff : VP

Actual:
18 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248018

GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500537
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11014
Facility Id: 38-0616
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0616
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.80501 / 122.433951
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 4/14/95
Number of Wells: 0
Cross Street: WEBSTER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: 10
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248018

NOR Date: 7/24/98
 Closed Date: 7/30/98
 Review Date: / /
 Report Date: 04/14/95
 Leak Source: Unknown
 Leak Cause: Unknown
 How Stopped: Close Tank
 Stopped Date: 04/14/95
 How Discovered: Tank Closure
 Discovered Date: 04/28/95
 Case Number: 11014
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Freda Koppl,
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 07/24/98
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 07/24/98
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/30/98
 Abatement: Pump and Treat Ground Water
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: WEBSTER ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248018

Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Case closed.

**CT385
 SW
 > 1
 8000 ft.**

**RESIDENCE
 25 SEA CLIFF AVE
 SAN FRANCISCO, CA 94118**

**HAZNET S103646127
 LUST N/A
 Cortese**

Site 2 of 3 in cluster CT

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0944
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/22/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/12/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10878
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500838

**Actual:
 69 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103646127

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10878
Facility Id: 38-0944
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0944
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/15/97
Number of Wells: Not reported
Cross Street: 25TH AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/20/97
Closed Date: 10/22/97
Review Date: / /
Report Date: 09/15/97
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 09/12/97
How Discovered: Tank Closure
Discovered Date: 09/12/97
Case Number: 10878
Staff Initial: VP

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103646127

Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: MITSUBUSHI INC.
RP Address: Not reported
Operator: Not reported
Entered Date: 10/20/97
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 09/15/97
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/22/97
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: 25TH AVE
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 9/15/97 [leak]

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103646127

HAZNET:
 Gepaid: CAC000745256
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.2510
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: MITSUBISHI INTERNATIONAL CORP
 Telephone: (000) 000-0000
 Mailing Address: 50 CALIFORNIA ST STE 3000
 SAN FRANCISCO, CA 94111
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 25 SEA CLIFF AVE

CY386
ESE
 > 1
 8011 ft.

UNION STREET COFFEE ROASTERY
2191 UNION STREET
SAN FRANCISCO, CA 94123

FINDS 1006306410
EMI 110012425474

Site 2 of 2 in cluster CY

Relative:
Lower

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Toxics Inventory

Actual:
68 ft.

EMISSIONS :
 Facility ID : 5199
 Air District Code : BA
 SIC Code : 2095
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

DC387
SSW
 > 1
 8015 ft.

UNOCAL
4850 GEARY BLVD
SAN FRANCISCO, CA 94118

Cortese S104657085
N/A

Site 1 of 2 in cluster DC

Relative:
Higher

CORTESE:
 Region: CORTESE
 Fac Address 2: 4850 GEARY BLVD

Actual:
170 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

DC388 UNOCAL #54-LEONG, INC.
SSW 4850 GEARY BLVD
> 1 SAN FRANCISCO, CA 94118
8015 ft.

LUST S101592067
CA FID UST N/A

Site 2 of 2 in cluster DC

**Relative:
 Higher**

State LUST:

**Actual:
 170 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0408	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Other ground water affected		
Status:	Post remedial action monitoring		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	3/3/89 0:00		
Close Date:	Not reported		
Release Date:	02/17/1989		
Cleanup Fund Id :	Not reported		
Discover Date :	02/17/1989		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	High priority		
Local Case # :	10049		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500360		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #54-LEONG, INC. (Continued)

S101592067

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10049
Facility Id: 38-0408
Facility Status: Post remedial action monitoring
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: 3/3/1989

LUST San Francisco County:

Facility ID: 38 0408
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.780849 / 122.470059
Priority: High Priority Site
Case Type: Other ground water affected
Release Date: 3/3/89
Number of Wells: 4
Cross Street: FUNSTON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: <0.50
Depth to Groundwater: 36 43
Gradient: 0.01 NW/W
Primary Substance: GASOLINE, WASTE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: 04/28/92
NOR Date: 4/22/92
Closed Date: Not reported
Review Date: 05/05/00
Report Date: 03/03/89
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 03/13/89
How Discovered: Tank Closure
Discovered Date: 02/17/89
Case Number: 10049
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 2

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #54-LEONG, INC. (Continued)

S101592067

MTBE DATE: 02/05/98
Max Soil Concentration: ND
Maximum Soil GW: 5.4
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: TOSCO
RP Address: Not reported
Operator: Leong Inc.
Entered Date: 04/28/92
Facility Staff: MA
Facility Status: 8
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/17/89
Workplan Submitted: 3/3/89
Assessment Underway: 4/10/89
Pollution Characterization: 6/27/89
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: 7/10/89
Case Closed: / /
Abatement: Excavate and Dispose (landfill) of soil
CUFID: 6713
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: FUNSTON ST
Benzene Test: YES
TPH Tested: YES
Max TPH GW: 11,000
Max TPH Soil: 470
TPH Date: 04/18/89
Block: Not reported
Lot: Not reported
TPH Current: <50
TPH Current Date: 2/5/98
MTBE Current: <2.0
MTBE Current Date: 2/5/98
Ground Water Qualifier: <
Soil Qualifier: Not reported
Comments: Not reported
Summary: Site is located ~

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNOCAL #54-LEONG, INC. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S101592067

FID:

Facility ID:	38000434	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 221-7040
Mail To:	Not reported		
	4850 GEARY BLVD		
	SAN FRANCISCO, CA 94118		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

**CT389
 SW
 > 1
 8025 ft.**

**SHINN PROPERTY
 19 25TH AVE
 SAN FRANCISCO, CA 94121**

**LUST S103283912
 Cortese N/A**

Site 3 of 3 in cluster CT

**Relative:
 Lower**

State LUST:

**Actual:
 69 ft.**

Cross Street:	Not reported		
Qty Leaked:	0		
Case Number	38-1051		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	7/23/98 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	09/30/1997		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	10943		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHINN PROPERTY (Continued)

S103283912

Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500944
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10943
Facility Id: 38-1051
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1051
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/2/97
Number of Wells: Not reported
Cross Street: SEACLIFF ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE & FUEL
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/6/98
Closed Date: 7/23/98

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHINN PROPERTY (Continued)

S103283912

Review Date / /
 Report Date 10/02/97
 Leak Source: Tank
 Leak Cause: Overfill
 How Stopped: Repair Tank
 Stopped Date: 09/30/97
 How Discovered: Tank Closure
 Discovered Date: 09/30/97
 Case Number: 10943
 Staff Initial: VP
 Substance: Gasoline
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: WILLIAM SHINN
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 03/06/98
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/23/98
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: SEACLIFF ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SHINN PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Comments: Not reported
 Summary: Not reported
 CORTESE:
 Region: CORTESE
 Fac Address 2: 19 25TH AVE

S103283912

DD390 2800 CALIFORNIA ST
SE 2800 CALIFORNIA ST
 > 1 **SAN FRANCISCO, CA 94103**
 8065 ft.

LUST S102423414
Cortese N/A

Site 1 of 3 in cluster DD

**Relative:
 Higher**

**Actual:
 173 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0656
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/22/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/17/1986
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10517
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

2800 CALIFORNIA ST (Continued)

S102423414

RP Address: Not reported
 Global Id: T0607500575
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10517
 Facility Id: 38-0656
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0656
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: 37.788255 / 122.439377
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 6/3/86
 Number of Wells: 0
 Cross Street: DIVISADERO ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NT
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: GASOLINE
 Basin: Westside Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /
 NOR Date: 9/15/95
 Closed Date: 9/22/95
 Review Date: / /
 Report Date: 06/03/86
 Leak Source: Not reported
 Leak Cause: Not reported
 How Stopped: Not reported
 Stopped Date: / /
 How Discovered: Not reported
 Discovered Date: 04/17/86

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

2800 CALIFORNIA ST (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102423414

Case Number: 10517
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 09/15/95
Facility Staff: SC
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/22/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: DIVISADERO ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported
CORTESE:
Region: CORTESE
Fac Address 2: 2800 CALIFORNIA ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

DE391 **FIRESTONE #3660**
SSE **2800 GEARY BLVD**
> 1 **SAN FRANCISCO, CA 94118**
8068 ft.

HAZNET **1000223035**
LUST **N/A**
CA FID UST
HIST UST

Site 1 of 3 in cluster DE

Relative:
Higher

State LUST:

Actual:
271 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0151
 Reg Board: 2
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/22/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/24/1987
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10266
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500133
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FIRESTONE #3660 (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000223035

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11171
Facility Id: 38-1278
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported
Region: 2
Case Number: 10266
Facility Id: 38-0151
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1278
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 11/30/98
Number of Wells: Not reported
Cross Street: MASONIC ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: YES
Benzene: Not reported
Depth to Groundwater: 31 ft
Gradient: Not reported
Primary Substance: USED OIL (WASTE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/18/99
Closed Date: 7/16/99
Review Date: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FIRESTONE #3660 (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

1000223035

Report Date: 11/30/98
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Repair Tank
Stopped Date: 11/23/98
How Discovered: Tank Closure
Discovered Date: 11/23/98
Case Number: 11171
Staff Initial: VP
Substance: Waste Oil
Substance Qty: 550
Interim Remediation: Y
Maximum MTBE Soil: 0.01
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: 0.042
Maximum Soil GW: 0.042
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Debra J Hamlin
RP Address: Not reported
Operator: Not reported
Entered Date: 02/18/99
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/18/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/16/99
Abatement: Cap Site
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: MASONIC ST
Benzene Test: YES
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 1300
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FIRESTONE #3660 (Continued)

1000223035

Summary: soil contamination
Facility ID: 38 0151
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.782368 / 122.447982
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/24/87
Number of Wells: 0
Cross Street: EMERSON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: USED OIL (WASTE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/11/94
Closed Date: 6/22/95
Review Date: / /
Report Date: 09/24/87
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 09/24/87
How Discovered: Tank Closure
Discovered Date: 09/24/87
Case Number: 10266
Staff Initial: VP
Substance: Waste Oil
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/11/94
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FIRESTONE #3660 (Continued)

1000223035

Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 06/22/95
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: EMERSON ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAD982001000
TSD EPA ID: CAD980887418
Gen County: San Francisco
Tsd County: 1
Tons: .2293
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: BRIDGESTONE/FIRESTONE INC
Telephone: (949) 951-4616
Mailing Address: 24031 EL TORO ROAD SUITE 250
LAGUNA HILLS, CA 92653 - 2261
County San Francisco
Gepaid: CAD982001000
TSD EPA ID: CAT080031628
Gen County: San Francisco
Tsd County: Kern
Tons: .1668
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: BRIDGESTONE/FIRESTONE INC
Telephone: (949) 951-4616
Mailing Address: 24031 EL TORO ROAD SUITE 250
LAGUNA HILLS, CA 92653 - 2261
County San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FIRESTONE #3660 (Continued)

1000223035

Gepaid: CAD982001000
 TSD EPA ID: CAT080011059
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .2293
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Not reported
 Contact: BRIDGESTONE/FIRESTONE INC
 Telephone: (949) 951-4616
 Mailing Address: 24031 EL TORO ROAD SUITE 250
 LAGUNA HILLS, CA 92653 - 2261
 County San Francisco

Gepaid: CAD982001000
 TSD EPA ID: CAD982446874
 Gen County: San Francisco
 Tsd County: Yolo
 Tons: 1.0842
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Contact: BRIDGESTONE/FIRESTONE INC
 Telephone: (949) 951-4616
 Mailing Address: 24031 EL TORO ROAD SUITE 250
 LAGUNA HILLS, CA 92653 - 2261
 County San Francisco

Gepaid: CAD982001000
 TSD EPA ID: CAT080033681
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .2210
 Waste Category: Off-specification, aged, or surplus organics
 Disposal Method: Not reported
 Contact: BRIDGESTONE/FIRESTONE INC
 Telephone: (949) 951-4616
 Mailing Address: 24031 EL TORO ROAD SUITE 250
 LAGUNA HILLS, CA 92653 - 2261
 County San Francisco

[Click this hyperlink](#) while viewing on your computer to access
 12 additional CA HAZNET record(s) in the EDR Site Report.

FID:

Facility ID: 38000190	Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location	
Cortese Code: Not reported	SIC Code: Not reported
Status: Active	Facility Tel: (415) 000-0000
Mail To: Not reported	
2800 GEARY BLVD SAN FRANCISCO, CA 94118	
Contact: Not reported	Contact Tel: Not reported
DUNS No: Not reported	NPDES No: Not reported
Creation: 10/22/93	Modified: 00/00/00
EPA ID: Not reported	
Comments: Not reported	

UST HIST:

Facility ID: 5840	Owner Name: FIRESTONE TIRE & RUBBER CO.
Total Tanks: 1	Region: STATE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

FIRESTONE #3660 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Owner Address: 1200 FIRESTONE PARKWAY
 AKRON, OH 44317

Tank Used for: WASTE
 Tank Num: 1
 Tank Capacity: 00000000
 Type of Fuel: WASTE OIL
 Leak Detection: Visual
 Contact Name: AL SEARS
 Facility Type: Other

Container Num: 1
 Year Installed: Not reported
 Tank Construction: Not Reported

Telephone: (415) 567-3311
 Other Type: AUTO SVC. CENTER

1000223035

**DE392
 SSE
 > 1
 8068 ft.**

**FIRESTONE
 2800 GEARY BLVD
 SAN FRANCISCO, CA 94118**

**Cortese S104809940
 N/A**

Site 2 of 3 in cluster DE

**Relative:
 Higher**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2800 GEARY BLVD

**Actual:
 271 ft.**

Region: CORTESE
 Fac Address 2: 2800 GEARY BLVD

**DE393
 SSE
 > 1
 8068 ft.**

**BRIDGESTONG/FIRESTONE
 2800 GEARY BL
 SAN FRANCISCO, CA 94118**

**LUST S106163232
 N/A**

Site 3 of 3 in cluster DE

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1278
 Reg Board: 2
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/16/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 11/23/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported

**Actual:
 271 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BRIDGESTONG/FIRESTONE (Continued)

S106163232

MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case # : 11171
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : 0.01 Parts per Million
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501163
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

394
 SE
 > 1
 8071 ft.

SAN FRANCISCO MUNICIPAL RAILWAY
875 PRESIDIO AVENUE
SAN FRANCISCO, CA 94115

FINDS 1005773861
EMI 110010468699

**Relative:
 Higher**

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Emissions Trends

**Actual:
 255 ft.**

EMISSIONS :
 Facility ID : 9449
 Air District Code : BA
 SIC Code : 4111
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

395
East
> 1
8082 ft.

RESIDENCE
3250 WEBSTER ST
SAN FRANCISCO, CA 94123

LUST **S105248071**
Cortese **N/A**

Relative:
Lower

State LUST:

Actual:
38 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0865
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/10/97 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 12/02/1996
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10763
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607500760
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248071

Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10763
Facility Id: 38-0865
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0865
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/21/96
Number of Wells: 0
Cross Street: LOMBARD ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 1/6/97
Closed Date: 1/10/97
Review Date: / /
Report Date: 10/21/96
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 12/02/96
Case Number: 10763
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248071

Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 01/06/97
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 01/10/97
 Abatement: Excavate and Dispose (landfill) of soil
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LOMBARD ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported
 CORTESE:
 Region: CORTESE
 Fac Address 2: 3250 WEBSTER ST

DF396
 SW
 > 1
 8107 ft.

RESIDENCE
98 SEA CLIFF AVE
SAN FRANCISCO, CA 94121

LUST S105248124
Cortese N/A

Site 1 of 3 in cluster DF

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1067

Actual:
70 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248124

Reg Board: 2
Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: 12/10/97 0:00
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 11/7/02 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 12/15/1997
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: High priority
Local Case # : 10899
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500960
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: 12/10/97 0:00
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:
Region: 2
Case Number: 10899
Facility Id: 38-1067

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248124

Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	12/10/1997
Prelim. Site Assessment Wokplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

LUST San Francisco County:

Facility ID:	38 1067
Region:	SAN FRANCISCO
Notify:	False
Lat/Long:	Not reported
Priority:	High Priority Site
Case Type:	Soil only
Release Date:	12/10/97
Number of Wells:	Not reported
Cross Street:	26TH AVE
Free Product:	No
Amount of Free Produce:	Not reported
MTBE:	NRQ
Benzene:	Not reported
Depth to Groundwater:	Not reported
Gradient:	Not reported
Primary Substance:	FUEL OILS NOS. 1
Basin:	Lobos Basin
Enforcement Type:	NOR
Enforcement Due Date:	/ /
NOR Date:	12/15/97
Closed Date:	Not reported
Review Date:	11/07/02
Report Date:	12/10/97
Leak Source:	Unknown
Leak Cause:	Unknown
How Stopped:	Repair Tank
Stopped Date:	12/11/97
How Discovered:	Tank Closure
Discovered Date:	12/15/97
Case Number:	10899
Staff Initial:	VP
Substance:	Heater Fuel
Substance Qty:	Not reported
Interim Remediation:	Y
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	Not reported
Maximum Soil GW:	Not reported
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	1
Reg Board:	2
Responsible Party:	DAVID SUN
RP Address:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248124

Operator: Not reported
 Entered Date: 12/15/97
 Facility Staff: AL
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 12/15/97
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/07/02
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: 26TH AVE
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: 2200
 TPH Date: 12/11/97
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 12/10/97 [leak
 CORTESE:
 Region: CORTESE
 Fac Address 2: 98 SEA CLIFF AVE

DD397 GRAHAM PROPERTY
SE 2787 CALIFORNIA ST
> 1 SAN FRANCISCO, CA 94115
8109 ft.

HAZNET S103649005
Cortese N/A

**Relative:
 Higher**

Site 2 of 3 in cluster DD

**Actual:
 173 ft.**

HAZNET:
 Gepaid: CAC001239752
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 1.0425
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: Not reported
 Telephone: (000) 000-0000
 Mailing Address: 2787 CALIFORNIA ST
 SAN FRANCISCO, CA 94115
 County: San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GRAHAM PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

CORTESE:
 Region: CORTESE
 Fac Address 2: 2787 CALIFORNIA ST

S103649005

**DD398
 SE
 > 1
 8109 ft.**

**GRAHAM PROPERTY
 2787 CALIFORNIA STREET
 SAN FRANCISCO, CA 94115**

**LUST S102532404
 N/A**

Site 3 of 3 in cluster DD

**Relative:
 Higher**

State LUST:

**Actual:
 173 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0892
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/1/97 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 03/17/1997
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10812
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607500787

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GRAHAM PROPERTY (Continued)

S102532404

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10812
Facility Id: 38-0892
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0892
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 12/26/96
Number of Wells: Not reported
Cross Street: DIVISADERO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 4/29/97
Closed Date: 5/1/97
Review Date: / /
Report Date: 12/26/96
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Remove Contents
Stopped Date: 12/26/96
How Discovered: Tank Closure
Discovered Date: 03/17/97
Case Number: 10812
Staff Initial: VP

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GRAHAM PROPERTY (Continued)

S102532404

Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 04/29/97
Facility Staff: AL
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 05/01/97
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: DIVISADERO ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

DF399 **RESIDENCE**
SW **160 SEA CLIFF AVENUE**
> 1 **SAN FRANCISCO, CA 94121**
8190 ft.

LUST **S106117943**
 N/A

Site 2 of 3 in cluster DF

Relative:
Lower

State LUST:

Actual:
70 ft.

Cross Street: 26TH AVE
 Qty Leaked: 0
 Case Number 38-2227
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 12/10/02 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/2/03 0:00
 Release Date: 06/12/2003
 Cleanup Fund Id : Not reported
 Discover Date : 12/10/2002
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11566
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible PartySELBY MOHR
 RP Address: 160 SEA CLIFF AVE
 Global Id: T0607545749
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: 12/10/02 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S106117943

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11566
 Facility Id: 38-2227
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 12/10/2002
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

**DF400
 SW
 > 1
 8197 ft.**

**RESIDENCE
 164 SEA CLIFF AVE
 SAN FRANCISCO, CA 94121**

**LUST S106117942
 N/A**

Site 3 of 3 in cluster DF

**Relative:
 Lower**

**Actual:
 70 ft.**

State LUST:

Cross Street: 26TH AVE
 Qty Leaked: 0
 Case Number: 38-2225
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 1/15/03 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/27/03 0:00
 Release Date: 01/22/2003
 Cleanup Fund Id : Not reported
 Discover Date : 01/15/2003
 Enforcement Dt : Not reported
 Enf Type: CLOS
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.

Confirm Leak: 1/15/03 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S106117942

Priority: Not reported
 Local Case # : 11564
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 01/15/2003
 Work Suspended :Not reported
 Responsible Party:STACY FROST
 RP Address: 3340 WASHINGTON STREET
 Global Id: T0607544311
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11564
 Facility Id: 38-2225
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 1/15/2003
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

DG401 RESIDENTAIL PAARTMENT
ESE 2169 GREEN
> 1 SAN FRANCISCO, CA 94115
8244 ft.

HAZNET S104571259
Cortese N/A

Site 1 of 4 in cluster DG

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC002177001
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: 0.075
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Not reported
 Contact: RICH GREEN
 Telephone: (415) 885-0350
 Mailing Address: 2169 GREEN ST APT 1

**Actual:
 103 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL PAARTMENT (Continued)

S104571259

County SAN FRANCISCO, CA 94115
 San Francisco
 Gepaid: CAC002177001
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 0.1668
 Waste Category: Waste oil and mixed oil
 Disposal Method: Transfer Station
 Contact: RICH GREEN
 Telephone: (415) 885-0350
 Mailing Address: 2169 GREEN ST APT 1
 SAN FRANCISCO, CA 94115
 County San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

**DG402
 ESE
 > 1
 8244 ft.**

**RESIDENTIAL APT.
 2169 GREEN STREET
 SAN FRANCISCO, CA 94115**

**LUST S104657012
 N/A**

Site 2 of 4 in cluster DG

**Relative:
 Higher**

State LUST:

**Actual:
 103 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1405	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	7/28/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/20/1999		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	11265		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657012

Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501289
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11265
Facility Id: 38-1405
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1405
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/20/99
Number of Wells: Not reported
Cross Street: Fillmore
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Downtown Basin

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657012

Enforcement Type: NOR
Enforcement Due Date: 07/28/99
NOR Date: 7/28/99
Closed Date: 7/28/99
Review Date: / /
Report Date: 05/20/99
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 05/20/99
Case Number: 11265
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: n/a
Entered Date: 07/28/99
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/28/99
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: Not reported
Program: LOP
Cross Street: Fillmore
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENTIAL APT. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104657012

MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

DH403 **PUBLIC STORAGE**
SSE **2690 GEARY BLVD**
 > 1 **SAN FRANCISCO, CA 94133**
8266 ft.

LUST **U003746846**
Cortese **N/A**

Site 1 of 3 in cluster DH

Relative:
Higher

State LUST:

Actual:
278 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1222
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/9/98 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 02/26/1998
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 11111
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PUBLIC STORAGE (Continued)

U003746846

RP Address: Not reported
 Global Id: T0607501107
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11111
 Facility Id: 38-1222
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1222
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 2/26/98
 Number of Wells: 0
 Cross Street: EMERSON ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NT
 Benzene: Not reported
 Depth to Groundwater: NA
 Gradient: NA
 Primary Substance: DIESEL FUEL OIL
 Basin: Lobos Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /
 NOR Date: 12/4/98
 Closed Date: 12/9/98
 Review Date: / /
 Report Date: 02/26/98
 Leak Source: Unknown
 Leak Cause: Unknown
 How Stopped: Not reported
 Stopped Date: / /
 How Discovered: Not reported
 Discovered Date: 02/26/98

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PUBLIC STORAGE (Continued)

U003746846

Case Number: 11111
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 0.38
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Public
RP Address: Not reported
Operator: Not reported
Entered Date: 12/04/98
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 12/04/98
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/09/98
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: EMERSON ST
Benzene Test: YES
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Ste. 200,
CORTESE:
Region: CORTESE
Fac Address 2: 2690 GEARY BLVD

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

DH404 **SEARS, ROEBUCK & CO.**
SSE **2675 GEARY BLVD**
 > 1 **SAN FRANCISCO, CA 94118**
 8341 ft.

LUST **1000597165**
CA FID UST **N/A**

Site 2 of 3 in cluster DH

Relative:
Higher

State LUST:

Actual:
274 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0273
 Reg Board: 2
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/24/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 02/17/1987
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: CDM
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11139
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500238
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SEARS, ROEBUCK & CO. (Continued)

1000597165

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11139
Facility Id: 38-0273
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0273
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.782467 / 122.44576
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 2/17/87
Number of Wells: Not reported
Cross Street: MASONIC ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: 01/12/99
NOR Date: 1/12/99
Closed Date: 3/24/99
Review Date: / /
Report Date: 02/17/87
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 03/02/87
How Discovered: Tank Closure
Discovered Date: 02/17/87
Case Number: 11139
Staff Initial: VP
Substance: Waste Oil
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SEARS, ROEBUCK & CO. (Continued)

1000597165

MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Alexander Haagen
RP Address: Not reported
Operator: Not reported
Entered Date: 01/12/99
Facility Staff: CDM
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 01/12/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: 8/16/88
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 03/24/99
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: MASONIC ST
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Total Oil & Grease

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SEARS, ROEBUCK & CO. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000597165

FID:

Facility ID:	38000312	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 000-0000
Mail To:	Not reported		
	2675 GEARY BLVD		
	SAN FRANCISCO, CA 94118		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

DH405
SSE
 > 1
 8341 ft.

SEARS
2675 GEARY BLVD
SAN FRANCISCO, CA 94118

FINDS 1004444095
Cortese 110011659865

Site 3 of 3 in cluster DH

Relative:
Higher

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 National Compliance Data Base

Actual:
274 ft.

CORTESE:

Region: CORTESE
 Fac Address 2: 2675 GEARY BLVD

DG406
ESE
 > 1
 8392 ft.

MULTI UNIT RREIDENTIAL
2134 GREEN ST
SAN FRANCISCO, CA 94123

HAZNET S104570076
Cortese N/A

Site 3 of 4 in cluster DG

Relative:
Higher

HAZNET:

Gepaid: CAC002129680
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 2.919
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: GREEN ST TENANCY IN COMMON
 Telephone: (415) 921-8530
 Mailing Address: 2134 GREEN ST
 SAN FRANCISCO, CA 94123
 County: San Francisco

Actual:
104 ft.

CORTESE:

Region: CORTESE
 Fac Address 2: 2134 GREEN ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

DG407 **MULTI-UNIT RESIDENTIAL**
ESE **2134 GREEN STREET**
 > 1 **SAN FRANCISCO, CA 94123**
 8392 ft.

LUST **S104234083**
 N/A

Site 4 of 4 in cluster DG

Relative:
Higher

State LUST:

Actual:
104 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1404	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	7/27/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	03/23/1999		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11263		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501288		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MULTI-UNIT RESIDENTIAL (Continued)

S104234083

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11263
Facility Id: 38-1404
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1404
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 6/11/99
Number of Wells: Not reported
Cross Street: Webster Street
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: 07/26/99
NOR Date: 7/26/99
Closed Date: 7/27/99
Review Date: 07/27/99
Report Date: 06/11/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 03/23/99
Case Number: 11263
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MULTI-UNIT RESIDENTIAL (Continued)

S104234083

MTBE DATE: 03/22/99
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: n/a
 Entered Date: 07/26/99
 Facility Staff: AL
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 03/22/99
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/27/99
 Abatement: No Action Required
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Webster Street
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 61
 TPH Date: 03/22/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

408 BUCHANAN CLEANERS
East 3717 BUCHANAN STREET
> 1 SAN FRANCISCO, CA 94123
8410 ft.

FINDS 1004440462
EMI 110001156588

Relative: FINDS:
Lower Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Emissions Trends

Actual: EMISSIONS :
23 ft. Facility ID : 6437
 Air District Code : BA
 SIC Code : 7216

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BUCHANAN CLEANERS (Continued)

1004440462

Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

**DI409
 ESE
 > 1
 8421 ft.**

**RESIDENTIAL
 2730 SACRAMENTO
 SAN FRANCISCO, CA 94115**

**LUST S105627933
 N/A**

Site 1 of 2 in cluster DI

**Relative:
 Higher**

LUST San Francisco County:

**Actual:
 193 ft.**

Facility ID: 02 101 005
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: Pierce
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: Not reported
 Basin: DOWNTOWN
 Enforcement Type: NOR
 Enforcement Due Date: 01/31/01
 NOR Date: Not reported
 Closed Date: Not reported
 Review Date: 02/01/01
 Report Date: 01/11/01
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 12/29/00
 How Discovered: Tank Closure
 Discovered Date: 12/29/00
 Case Number: 11427
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: 12/29/00
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL (Continued)

S105627933

Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Peter Kondrashoff
 Entered Date: 01/31/01
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 12/29/00
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 02/02/01
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Pierce
 Benzene Test: ND
 TPH Tested: ND
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: 12/29/00
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

DI410 RESIDENTIAL APARTMENT
ESE 2730 SACRAMENTO
> 1 SAN FRANCISCO, CA 94115
8421 ft.

LUST S105688818
N/A

Site 2 of 2 in cluster DI

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2042
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported

**Actual:
 193 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S105688818

Remed Action: Not reported
Monitoring: Not reported
Close Date: 1/11/01 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 12/29/2000
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11427
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607591188
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtb Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11427
Facility Id: 38-2042
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENTIAL APARTMENT (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

S105688818

DJ411
ESE
 > 1
 8428 ft.

RESIDENCE
2295 BROADWAY ST
SAN FRANCISCO, CA 94123

HAZNET S103643734
Cortese N/A

Site 1 of 3 in cluster DJ

Relative:
Higher

Actual:
231 ft.

HAZNET:
 Gepaid: CAC001346992
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 4.5870
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: PATRICIA MONTAGUE
 Telephone: (415) 753-5545
 Mailing Address: #60 CLIFFORD TERRACE
 SAN FRANCISCO, CA 94117
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 2295 BROADWAY ST

DJ412
ESE
 > 1
 8428 ft.

RESIDENCE
2295 BROADWAY STREET
SAN FRANCISCO, CA 94123

LUST S105248045
N/A

Site 2 of 3 in cluster DJ

Relative:
Higher

Actual:
231 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1009
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/3/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/29/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248045

Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10952
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500902
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10952
Facility Id: 38-1009
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1009
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 11/19/97
Number of Wells: Not reported
Cross Street: FILLMORE ST

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248045

Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/25/98
Closed Date: 4/3/98
Review Date: / /
Report Date: 11/19/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 11/12/97
How Discovered: Tank Closure
Discovered Date: 01/29/98
Case Number: 10952
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 03/25/98
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 04/03/98
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: FILLMORE ST
Benzene Test: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248045

TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

DK413
East
> 1
8429 ft.

CROWN CLEANERS
3611 BUCHANAN STREET
SAN FRANCISCO, CA 94123

FINDS 1005773918
EMI 110010469377

Site 1 of 5 in cluster DK

Relative:
Lower

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Emissions Trends
 National Toxics Inventory

Actual:
27 ft.

EMISSIONS :
 Facility ID : 10122
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

DK414
East
> 1
8430 ft.

CHEVRON
1598 BAY ST
SAN FRANCISCO, CA 94123

HAZNET S103633575
LUST N/A
Cortese

Site 2 of 5 in cluster DK

Relative:
Lower

LUST Region 2:
 Region: 2
 Case Number: 10909
 Facility Id: 38-0970
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported

Actual:
27 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number
EDR ID Number

CHEVRON (Continued)

S103633575

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0970
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 1/15/98
Number of Wells: Not reported
Cross Street: BUCHANAN ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 1/22/98
Closed Date: 1/23/98
Review Date: / /
Report Date: 01/15/98
Leak Source: Piping
Leak Cause: Unknown
How Stopped: Repair Piping
Stopped Date: / /
How Discovered: Other Means
Discovered Date: 01/15/98
Case Number: 10909
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: CHEVRON PRODUCTS
RP Address: Not reported
Operator: Not reported
Entered Date: 01/22/98
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CHEVRON (Continued)

S103633575

Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 01/23/98
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: BUCHANAN ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAL000029665
TSD EPA ID: CAD009466392
Gen County: San Francisco
Tsd County: 7
Tons: .4000
Waste Category: Empty containers less than 30 gallons
Disposal Method: Recycler
Contact: CHERVON PRODUCTS CO
Telephone: (925) 842-5931
Mailing Address: PO BOX 6004
SAN RAMON, CA 94583
County: San Francisco
Gepaid: CAL000029665
TSD EPA ID: CAD009452657
Gen County: San Francisco
Tsd County: San Mateo
Tons: 0.1668
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Not reported
Contact: CHERVON PRODUCTS CO
Telephone: (925) 842-5931
Mailing Address: PO BOX 6004
SAN RAMON, CA 94583
County: San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON (Continued)

S103633575

Gepaid: CAL000029665
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: San Mateo
 Tons: 0.12
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Recycler
 Contact: KATHY NORRIS
 Telephone: (925) 842-5931
 Mailing Address: PO BOX 6004
 SAN RAMON, CA 94583
 County: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 1598 BAY ST

DK415
East
> 1
8430 ft.

SHELL OIL CO
1600 BAY
SAN FRANCISCO, CA 94123

Site 3 of 5 in cluster DK

RCRIS-SQG 1000288614
FINDS CAD981401730
LUST
Cortese

Relative:
Lower

RCRIS:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAD981401730
 Contact: Not reported
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

Actual:
27 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system

LUST Region 2:
 Region: 2
 Case Number: 10069
 Facility Id: 38-0327
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:
 Facility ID: 38 0327
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: 37.803353 / 122.432458
 Priority: Unranked by RWQCB

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000288614

Case Type: Other ground water affected
Release Date: 11/17/89
Number of Wells: 9
Cross Street: BUCHANAN ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: 12 15
Gradient: NW
Primary Substance: GASOLINE
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: 05/13/92
NOR Date: 5/13/92
Closed Date: 6/16/95
Review Date: / /
Report Date: 11/17/89
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 11/17/89
How Discovered: Tank Closure
Discovered Date: 11/17/89
Case Number: 10069
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 40
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/13/92
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: 12/30/87
Pollution Characterization: 12/13/88
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 06/16/95
Abatement: Excavate and Treat soil. (e.g. aeration, biodegradation, etc.)
CUFID: 5113
Beneficial Use: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SHELL OIL CO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000288614

Suspended: No
 Program: LOP
 Cross Street: BUCHANAN ST
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: 9999999
 Max TPH Soil: 5400
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 1600 BAY ST

DK416
East
> 1
8430 ft.

CHEVRON STATION #9-90985
1598 BAY ST
SAN FRANCISCO, CA 94123

LUST S105194388
N/A

Relative:
Lower

Site 4 of 5 in cluster DK

Actual:
27 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0970
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/23/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/15/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON STATION #9-90985 (Continued)

S105194388

Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10909
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500863
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

DK417
East
> 1
8430 ft.

SHELL SERVICE STATION #5703
1600 BAY ST
SAN FRANCISCO, CA 94123

LUST S105194326
N/A

Site 5 of 5 in cluster DK

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0327
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/16/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 11/17/1989
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
27 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHELL SERVICE STATION #5703 (Continued)

S105194326

How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10069
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500287
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

418 COMMERCIAL PROPERTY
ESE 2459 JACKSON STREET
> 1 SAN FRANCISCO, CA 94115
8497 ft.

LUST S106117894
N/A

Relative:
Higher

State LUST:
 Cross Street: STEINER ST
 Qty Leaked: 0
 Case Number 38-2242
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 4/8/03 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/24/03 0:00
 Release Date: 08/12/2003
 Cleanup Fund Id : Not reported
 Discover Date : 04/08/2003
 Enforcement Dt : Not reported
 Enf Type: CLOS

Actual:
241 ft.

Confirm Leak: 4/8/03 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COMMERCIAL PROPERTY (Continued)

S106117894

Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 11581
Beneficial: Not reported
Staff : GVL
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : 04/08/2003
Work Suspended :Not reported
Responsible Party: MARK FREUDENTHAL
RP Address: 339 NORTHEAST 8TH STREET
Global Id: T0607566069
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11581
Facility Id: 38-2242
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 4/8/2003
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

419
SSE
 > 1
8528 ft.

SFFD STATION #12
145 STANYAN
SAN FRANCISCO, CA

Cortese **S105026195**
N/A

Relative:
Higher

Actual:
263 ft.

CORTESE:
 Region: **CORTESE**
 Fac Address 2: **Not reported**

DL420
SE
 > 1
8538 ft.

SUNSHINE EXPRESS CLEANERS
1818 DIVISADERO STREET
SAN FRANCISCO, CA 94115

CLEANERS **S105266118**
EMI **N/A**

Site 1 of 2 in cluster DL

Relative:
Higher

Actual:
153 ft.

CA Cleaners:
 Inactive Date: 6/30/1998
 EPA Id: CAD981964646
 Facility Address 2 Not reported
 NAICS Code : Not reported
 Facility Active : No
 Mail Name : Not reported
 Mailing Address: 1818 DIVISADERO ST
 SAN FRANCISCO, CA 94115

 Owner Name : --
 Mailing Address: --
 --, 99 --
 Owner Telephone 0000000000
 Contact Name : --
 Mailing Address: INACT PER 98VQ FINAL NOTICE
 - BATCH 4/27
 --, 99 --

 Contact Telephone:-
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

EMISSIONS :
 Facility ID : 8462
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

DJ421 **2265 BROADWAY HOA**
ESE **2265 BROADWAY ST**
> 1 **SAN FRANCISCO, CA 94115**
8556 ft.

HAZNET **S102423405**
LUST **N/A**
Cortese

Site 3 of 3 in cluster DJ

Relative:
Higher

State LUST:

Actual:
236 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0767
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/9/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/08/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10630
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500667
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2265 BROADWAY HOA (Continued)

S102423405

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10630
Facility Id: 38-0767
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0767
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.794381 / 122.433048
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/9/96
Number of Wells: 0
Cross Street: FILLMORE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/1/96
Closed Date: 5/9/96
Review Date: / /
Report Date: 04/09/96
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 05/05/94
How Discovered: Tank Closure
Discovered Date: 04/08/96
Case Number: 10630
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2265 BROADWAY HOA (Continued)

S102423405

MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/01/96
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 05/09/96
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: FILLMORE
Benzene Test: Not reported
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 6800
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:
Gepaid: CAC000747632
TSD EPA ID: CAD083166728
Gen County: San Francisco
Tsd County: Stanislaus
Tons: 17.5974
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: HOME OWNERS ASSOCIATION
Telephone: (000) 000-0000
Mailing Address: 2265_BROADWAY
SAN FRANCISCO, CA 94115
County: San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

2265 BROADWAY HOA (Continued)

S102423405

Gepaid: CAC000747632
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: HOME OWNERS ASSOCIATION
 Telephone: (000) 000-0000
 Mailing Address: 2265_BROADWAY
 SAN FRANCISCO, CA 94115
 County: San Francisco
 CORTESE:
 Region: CORTESE
 Fac Address 2: 2265 BROADWAY ST

**DM422
 ESE
 > 1
 8581 ft.**

**APARTMENT BUILDING
 2090 GREEN ST
 SAN FRANCISCO, CA 94123**

**LUST S104889619
 N/A**

Site 1 of 3 in cluster DM

**Relative:
 Higher
 Actual:
 105 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2051
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2/16/01 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 12/14/2000
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11436
 Beneficial: Not reported
 Staff : VP

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

APARTMENT BUILDING (Continued)

S104889619

GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607591196
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11436
Facility Id: 38-2051
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 101 014
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Webster
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: MARINA BASIN
Enforcement Type: NOR
Enforcement Due Date: 03/20/01

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENT BUILDING (Continued)

S104889619

NOR Date: Not reported
 Closed Date: Not reported
 Review Date: 03/20/01
 Report Date: 02/16/01
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 12/14/00
 How Discovered: Tank Closure
 Discovered Date: 12/14/00
 Case Number: 11436
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: 12/14/01
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Mel Mosk
 Entered Date: 03/20/01
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 12/14/00
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 03/20/01
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: Not reported
 Program: LOP
 Cross Street: Webster
 Benzene Test: ND
 TPH Tested: ND
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: 12/14/01
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENT BUILDING (Continued)

S104889619

Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 3/20/01 review

DN423 SHELTON PROPERTIES
WSW 250 SEA CLIFF AVE
> 1 SAN FRANCISCO, CA 94121
8589 ft.

LUST S102437458
Cortese N/A

Site 1 of 4 in cluster DN

Relative:
Equal

Actual:
86 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0583
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/26/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/15/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10439
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500508

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SHELTON PROPERTIES (Continued)

S102437458

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10439
Facility Id: 38-0583
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0583
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/25/95
Number of Wells: 0
Cross Street: 27TH AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: 07/19/95
NOR Date: 7/19/95
Closed Date: 7/26/95
Review Date: / /
Report Date: 04/25/95
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 04/15/95
Case Number: 10439
Staff Initial: VP

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SHELTON PROPERTIES (Continued)

S102437458

Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 07/19/95
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: 5/19/95
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/26/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: 27TH AVE
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 4/25/95 [leak

CORTESE:
Region: CORTESE
Fac Address 2: 250 SEA CLIFF AVE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

424
 SE
 > 1
 8658 ft.

RESIDENCE
1901 SCOTT
SAN FRANCISCO, CA 94115

LUST S105244818
N/A

Relative:
Higher

State LUST:

Actual:
152 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1435
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/28/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : / /
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11287
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501319
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105244818

Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:
 Region: 2
 Case Number: 11287
 Facility Id: 38-1435
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:
 Facility ID: 38 1435
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: 8/26/99
 Number of Wells: Not reported
 Cross Street: California
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: DIESEL
 Basin: Downtown Basin
 Enforcement Type: NOR
 Enforcement Due Date: 09/07/99
 NOR Date: 9/3/99
 Closed Date: 10/28/99
 Review Date: / /
 Report Date: 08/26/99
 Leak Source: Not reported
 Leak Cause: Not reported
 How Stopped: Not reported
 Stopped Date: / /
 How Discovered: Not reported
 Discovered Date: / /
 Case Number: 11287
 Staff Initial: VP
 Substance: Diesel
 Substance Qty: Not reported
 Interim Remediation: Not reported
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105244818

Max Soil Concentration: 1.2
 Maximum Soil GW: 1.2
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Joan Gordan
 Entered Date: 09/03/99
 Facility Staff: SC
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/28/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: Not reported
 Program: LOP
 Cross Street: California
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 1300
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

DO425 COMMERCIAL/RES.
East 1880 LOMBARD ST
> 1 SAN FRANCISCO, CA 94123
8677 ft.

LUST S105627921
N/A

**Relative:
 Lower**

Site 1 of 2 in cluster DO
 LUST San Francisco County:

**Actual:
 44 ft.**

Facility ID: 02 300 022
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

COMMERCIAL/RES. (Continued)

S105627921

Cross Street: Buchanan
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: Not reported
 Basin: MARINA BASIN
 Enforcement Type: NOR
 Enforcement Due Date: 09/21/00
 NOR Date: Not reported
 Closed Date: 10/16/00
 Review Date: 10/16/00
 Report Date: 09/06/00
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 08/15/00
 How Discovered: Tank Closure
 Discovered Date: 08/15/00
 Case Number: 11398
 Staff Initial: VP
 Substance: Waste Oil
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Ron Andrus
 Entered Date: 09/21/00
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 08/15/00
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/16/00
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Buchanan

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

COMMERCIAL/RES. (Continued)

S105627921

Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 240
 TPH Date: 08/03/00
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

DO426
East
> 1
8677 ft.

COMMERCIAL/RES. DEVELOPMENT
1880 LOMBARD ST
SAN FRANCISCO, CA 94123

LUST S105688809
N/A

Site 2 of 2 in cluster DO

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2023
 Reg Board: 2
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/16/00 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 08/15/2000
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11398
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported

Actual:
44 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

COMMERCIAL/RES. DEVELOPMENT (Continued)

S105688809

Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607592713
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11398
 Facility Id: 38-2023
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

DP427
ESE
> 1
8710 ft.

CALVARY
2515 FILLMORE ST
SAN FRANCISCO, CA 94115

LUST S105806131
N/A

Site 1 of 2 in cluster DP

Relative:
Higher

LUST San Francisco County:
 Facility ID: 02 201 008
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: Jackson
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported

Actual:
247 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CALVARY (Continued)

S105806131

Primary Substance: Not reported
Basin: DOWNTOWN
Enforcement Type: NOR
Enforcement Due Date: 05/11/01
NOR Date: Not reported
Closed Date: Not reported
Review Date: / /
Report Date: 04/30/01
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 01/16/01
How Discovered: Tank Closure
Discovered Date: 01/16/01
Case Number: 11445
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 01/16/01
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Larry Gardner
Entered Date: 05/11/01
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 01/16/01
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 08/17/01
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Jackson
Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 6
TPH Date: 01/16/01
Block: Not reported
Lot: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CALVARY (Continued)

EDR ID Number
 EPA ID Number

S105806131

TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

DP428 CALVARY PRESBYTERIAN CHURCH
ESE 2515 FILLMORE ST
> 1 SAN FRANCISCO, CA 94115
8710 ft.

LUST S105027570
N/A

Site 2 of 2 in cluster DP

**Relative:
 Higher**

State LUST:

**Actual:
 247 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-2064	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	4/30/01 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	01/16/2001		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11445		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CALVARY PRESBYTERIAN CHURCH (Continued)

S105027570

Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607598487
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11445
 Facility Id: 38-2064
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

429 MEYER PROPERTY
ESE 2190 VALLEJO ST
> 1 SAN FRANCISCO, CA 94123
8716 ft.

LUST S102433339
Cortese N/A

**Relative:
 Higher**

State LUST:

**Actual:
 178 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0800
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/9/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 06/03/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MEYER PROPERTY (Continued)

S102433339

How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10652
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500697
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10652
Facility Id: 38-0800
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0800
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/9/96

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MEYER PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site _____ S102433339

Number of Wells: 0
Cross Street: WEBSTER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/3/96
Closed Date: 7/9/96
Review Date: / /
Report Date: 05/09/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 05/07/96
How Discovered: Tank Closure
Discovered Date: 06/03/96
Case Number: 10652
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 07/03/96
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 07/03/96
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/09/96
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MEYER PROPERTY (Continued)

S102433339

Program: LOP
 Cross Street: WEBSTER ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 5/9/96 [leak
 CORTESE:
 Region: CORTESE
 Fac Address 2: 2190 VALLEJO ST

**DQ430
 ESE
 > 1
 8726 ft.**

**HOA - 2360 PACIFIC ST.
 2360 PACIFIC AVE
 SAN FRANCISCO, CA 94115**

**LUST S102434842
 N/A**

Site 1 of 2 in cluster DQ

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0614
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/29/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/26/1994
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 257 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOA - 2360 PACIFIC ST. (Continued)

S102434842

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10675
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500535
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10675
 Facility Id: 38-0614
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

DQ431 2360 PACIFIC AVE HOA
ESE 2360 PACIFIC AVE
> 1 SAN FRANCISCO, CA
8726 ft.

LUST S100853678
Cortese N/A

Site 2 of 2 in cluster DQ

**Relative:
 Higher**

LUST San Francisco County:
 Facility ID: 38 0614
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: 37.793608 / 122.432867
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 5/25/96
 Number of Wells: 0
 Cross Street: Not reported

**Actual:
 257 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2360 PACIFIC AVE HOA (Continued)

S100853678

Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/22/96
Closed Date: 8/29/96
Review Date: / /
Report Date: 05/25/96
Leak Source: Tank
Leak Cause: Unknown
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 05/26/94
Case Number: 10675
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 08/22/96
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 08/29/96
Abatement: Excavate and Dispose (landfill) of soil
Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
Pump and Treat Ground Water
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

2360 PACIFIC AVE HOA (Continued)

S100853678

Cross Street: Not reported
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 5/25/96 [leak]

CORTESE:
 Region: CORTESE
 Fac Address 2: 2360 PACIFIC AVE

DL432
SE
 > 1
 8733 ft.

F LOFRANO AND SON INC
1745 DIVISADERO STREET
SAN FRANCISCO, CA 94115

EMI S105937718
N/A

Site 2 of 2 in cluster DL

Relative:
Higher

EMISSIONS :
 Facility ID : 3829
 Air District Code : BA
 SIC Code : 7532
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

Actual:
149 ft.

DR433
ESE
 > 1
 8734 ft.

RESIDENCE
2645 SACRAMENTO ST
SAN FRANCISCO, CA 94115

HAZNET S103971497
Cortese N/A

Site 1 of 6 in cluster DR

Relative:
Higher

HAZNET:
 Gepaid: CAC001169032
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: .4170
 Waste Category: Waste oil and mixed oil
 Disposal Method: Transfer Station
 Contact: JACQUELINE & EDWARD SERRES
 Telephone: (415) 928-5292
 Mailing Address: 132 EWING TERRANCE

Actual:
184 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

SAN FRANCISCO, CA 94118
 County San Francisco
 CORTESE:
 Region: CORTESE
 Fac Address 2: 2645 SACRAMENTO ST

S103971497

**DR434
 ESE
 > 1
 8734 ft.**

**RESIDENCE
 2645 SACRAMENTO STREET
 SAN FRANCISCO, CA 94115**

**LUST S105248060
 N/A**

Site 2 of 6 in cluster DR

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1006
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/23/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/30/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10946
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 184 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248060

RP Address: Not reported
Global Id: T0607500899
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10946
Facility Id: 38-1006
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1006
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 1/29/98
Number of Wells: Not reported
Cross Street: PIERCE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/12/98
Closed Date: 3/23/98
Review Date: / /
Report Date: 01/29/98
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Repair Tank
Stopped Date: 01/26/98
How Discovered: Tank Closure
Discovered Date: 01/30/98

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248060

Case Number: 10946
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: JACKIE SERRES
RP Address: Not reported
Operator: Not reported
Entered Date: 03/12/98
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 03/23/98
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: PIERCE ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 1/29/98 [leak

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

DN435 RESIDENTIAL APARTMENTS
WSW 300 SEA CLIFF
> 1 SAN FRANCISCO, CA 94121
8748 ft.

LUST S104242010
Cortese N/A

Site 2 of 4 in cluster DN

**Relative:
 Higher**

State LUST:

**Actual:
 89 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1459	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	10/29/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	08/31/1999		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11312		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501343		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APARTMENTS (Continued)

S104242010

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11312
Facility Id: 38-1459
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1459
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 9/8/99
Number of Wells: Not reported
Cross Street: El Camino Del Mar
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: LOBOS
Enforcement Type: NOR
Enforcement Due Date: 10/15/99
NOR Date: 10/15/99
Closed Date: 10/29/99
Review Date: / /
Report Date: 09/08/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 08/31/99
How Discovered: Tank Closure
Discovered Date: 08/31/99
Case Number: 11312
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APARTMENTS (Continued)

S104242010

MTBE DATE: 08/31/99
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Harley Eischear
 Entered Date: 10/15/99
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 08/31/99
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/29/99
 Abatement: Not defined
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: El Camino Del Mar
 Benzene Test: ND
 TPH Tested: ND
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: 08/31/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 300 SEA CLIFF

DM436 RESIDENCE
ESE 2052 GREEN ST
> 1 SAN FRANCISCO, CA 94123
8748 ft.

Relative:
Higher

Actual:
104 ft.

Site 2 of 3 in cluster DM

HAZNET S103947921
Cortese N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103947921

HAZNET:

Gepaid: CAC001351224
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 3.5445
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: 2052 GREEN ST HOMEOWNERS ASSOC
 Telephone: (000) 000-0000
 Mailing Address: 27544 CANYON RD
 LOS ALTOS, CA 94022
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 2052 GREEN ST

**DM437
 ESE
 > 1
 8748 ft.**

**RESIDENCE
 2052 GREEN STREET
 SAN FRANCISCO, CA 94123**

**LUST S105248039
 N/A**

Site 3 of 3 in cluster DM

**Relative:
 Higher**

State LUST:

**Actual:
 104 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1186
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/28/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/16/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11074
 Beneficial: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248039

Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501073
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11074
Facility Id: 38-1186
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1186
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/13/98
Number of Wells: 0
Cross Street: BUCHANAN ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: NA
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248039

Enforcement Due Date: / /
NOR Date: 10/27/98
Closed Date: 10/28/98
Review Date / /
Report Date 04/13/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 04/10/98
How Discovered: Tank Closure
Discovered Date: 04/16/98
Case Number: 11074
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Sarah B.,27544
RP Address: Not reported
Operator: Not reported
Entered Date: 10/27/98
Facility Staff: MA
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/28/98
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: BUCHANAN ST
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

S105248039

MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Case closed.

**DS438
 SSW
 > 1
 8760 ft.**

**RESIDENTIAL
 487 9 14TH AVE
 SAN FRANCISCO, CA 94118**

**Cortese S104396829
 N/A**

Site 1 of 2 in cluster DS

**Relative:
 Higher**

CORTESE:
 Region: CORTESE
 Fac Address 2: 487 9 14TH AVE

**Actual:
 180 ft.**

**DN439
 WSW
 > 1
 8773 ft.**

**RESIDENCE
 308 SEACLIFF AVE
 SAN FRANCISCO, CA 94121**

**LUST S104493220
 N/A**

Site 3 of 4 in cluster DN

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2136
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/1/00 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 02/01/2000
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case #: 11350
 Beneficial: Not reported
 Staff: VP

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 89 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S104493220

GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501370
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11350
Facility Id: 38-2136
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 100 019
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: El Camino Del Mar
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: LOBOS
Enforcement Type: NOR
Enforcement Due Date: 03/01/00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S104493220

NOR Date: 3/1/00
 Closed Date: 3/1/00
 Review Date: / /
 Report Date: 02/11/00
 Leak Source: Tank
 Leak Cause: Unknown
 How Stopped: Close Tank
 Stopped Date: 02/01/00
 How Discovered: Tank Closure
 Discovered Date: 02/01/00
 Case Number: 11350
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: 02/01/00
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Donald Meyers
 Entered Date: 03/01/00
 Facility Staff: SC
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 02/01/00
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 03/01/00
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: El Camino Del Mar
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 1800
 TPH Date: 02/01/00
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S104493220

Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

DN440
WSW
> 1
8773 ft.

RESIDENCE
308 SEA CLIFF
SAN FRANCISCO, CA 94121

Cortese **S104396887**
N/A

Site 4 of 4 in cluster DN

Relative:
Higher

CORTESE:
 Region: **CORTESE**
 Fac Address 2: **308 SEA CLIFF**

Actual:
89 ft.

DT441
East
> 1
8783 ft.

15 MARINA AVE
SAN FRANCISCO, CA 0

CHMIRS **S105650745**
N/A

Site 1 of 3 in cluster DT

Relative:
Lower

CHMIRS:
 OES Control Number: 97-2184
 Chemical Name: Diesel
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported
 Agency Id Number : Not reported
 Agency Incident Number : Not reported
 OES Incident Number : 97-2184
 Time Notified : Not reported
 Surrounding Area : Not reported
 Estimated Temperature : Not reported
 Property Management : Not reported
 More Than Two Substances Involved? : Not reported
 Special Studies 1 : Not reported
 Special Studies 2 : Not reported
 Special Studies 3 : Not reported
 Special Studies 4 : Not reported
 Special Studies 5 : Not reported
 Special Studies 6 : Not reported
 Responding Agency Personel # Of Injuries : Not reported
 Responding Agency Personel # Of Fatalities : 0
 Resp Agncy Personel # Of Decontaminated : Not reported
 Others Number Of Decontaminated : Not reported
 Others Number Of Injuries : Not reported
 Others Number Of Fatalities : Not reported
 Vehicle Make/year : Not reported
 Vehicle License Number : Not reported
 Vehicle State : Not reported
 Vehicle Id Number : Not reported
 CA/DOT/PUC/ICC Number : Not reported
 Company Name : Not reported
 Reporting Officer Name/ID : Not reported
 Report Date : Not reported
 Comments : Not reported

Actual:
20 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105650745

Facility Telephone Number :	Not reported
Waterway Involved :	Yes
Waterway :	San Francisco Bay
Spill Site :	Ship/Harbor/Port
Cleanup By :	Unknown
Containment :	Yes
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	5/30/199702:18:37 AM
Evacuations :	0
True date :	12/31/03
Year :	1997
Agency :	USCG-MSO Alameda
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	unk
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0
Description :	Diesel powered truck drove into water, no reportable spill from fuel tanks, potential only.
Incident date :	5/30/199712:00:00 AM
Admin Agency :	San Francisco County Health Department
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

DS442 **ACK QUON & MICHAEL MAY**
SSW **487-489 14TH AVE**
> 1 **SAN FRANCISCO, CA 94118**
8790 ft.

HAZNET **S104569427**
LUST **N/A**

Site 2 of 2 in cluster DS

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1398
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported

Actual:
181 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ACK QUON & MICHAEL MAY (Continued)

S104569427

Close Date: 8/12/99 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 04/19/1999
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11255
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501282
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11255
Facility Id: 38-1398
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ACK QUON & MICHAEL MAY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104569427

HAZNET:
 Gepaid: CAC002110288
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.9307
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: JACK QUON & MICHAEL MAY
 Telephone: (000) 000-0000
 Mailing Address: 489 14TH AVE
 SAN FRANCISCO, CA 94118
 County: San Francisco

DT443
East
> 1
8808 ft.

CCSF - GASHOUSE COVE MARINA
10 MARINA BL
SAN FRANCISCO, CA 94123

LUST S103890730
N/A

Site 2 of 3 in cluster DT

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1314
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Leak being confirmed
 Review Date: 12/22/98 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 12/22/1998
 Cleanup Fund Id : Not reported
 Discover Date : 12/22/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 11172
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported

Confirm Leak: 12/22/98 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
20 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CCSF - GASHOUSE COVE MARINA (Continued)

S103890730

Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501199
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11172
Facility Id: 38-1314
Facility Status: Leak being confirmed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: 12/22/1998
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1314
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 2/18/99
Number of Wells: Not reported
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/18/99
Closed Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CCSF - GASHOUSE COVE MARINA (Continued)

S103890730

Review Date / /
Report Date 12/22/98
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 12/22/98
Case Number: 11172
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: SF Rec & Park Dept
RP Address: Not reported
Operator: Not reported
Entered Date: 02/18/99
Facility Staff: AL
Facility Status: 1
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/18/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: / /
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Not reported
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CCSF - GASHOUSE COVE MARINA (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Comments: Not reported
 Summary: Not reported

S103890730

DT444
East
> 1
8808 ft.

GASHOUSE COVE MARINA STAT
10 MARINA
SAN FRANCISCO, CA 94960

Cortese **S104657188**
N/A

Site 3 of 3 in cluster DT

Relative:
Lower

CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

Actual:
20 ft.

DU445
SE
> 1
8838 ft.

COMMERCIAL PROPERTY
2399 POST STREET
SAN FRANCISCO, CA 94115

LUST **S103723146**
N/A

Site 1 of 3 in cluster DU

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1256
 Reg Board: 2
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/2/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/08/1999
 Enforcement Dt : Not reported
 Enf Type: Warning/notice of violation to uncooperative responsible parties (includes CDO and CAO)
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11142
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Actual:
151 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COMMERCIAL PROPERTY (Continued)

S103723146

Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501141
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11023
Facility Id: 38-1121
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported
Region: 2
Case Number: 11142
Facility Id: 38-1256
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1256
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 1/8/99
Number of Wells: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

COMMERCIAL PROPERTY (Continued)

S103723146

Cross Street: SUTTER ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: USED OIL (WASTE)
 Basin: Downtown Basin
 Enforcement Type: Warning/notice of violation to uncooperative responsible parties (includes CDO and CAO)
 Enforcement Due Date: / /
 NOR Date: 1/21/99
 Closed Date: 9/2/99
 Review Date: / /
 Report Date: 01/08/99
 Leak Source: Unknown
 Leak Cause: Unknown
 How Stopped: Not reported
 Stopped Date: / /
 How Discovered: Not reported
 Discovered Date: 01/08/99
 Case Number: 11142
 Staff Initial: VP
 Substance: Waste Oil
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Richard Tanaka
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 01/21/99
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 01/21/99
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/02/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: 8612
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: SUTTER ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

COMMERCIAL PROPERTY (Continued)

S103723146

Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 6900
 TPH Date: 01/08/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

DU446 JOES'S GAS
SE 2399 POST STREET
> 1 SAN FRANCISCO, CA 94124
8838 ft.

LUST S104810041
N/A

Site 2 of 3 in cluster DU

**Relative:
 Higher**

**Actual:
 151 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1121
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/12/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 11/17/1993
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 11023
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

JOES'S GAS (Continued)

S104810041

Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501011
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST San Francisco County:

Facility ID: 38 1121
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/17/93
Number of Wells: 0
Cross Street: BRODERICK
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: NA
Gradient: NA
Primary Substance: GASOLINE
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/6/98
Closed Date: 8/12/98
Review Date: / /
Report Date: 05/17/93
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 05/18/93
How Discovered: Tank Closure
Discovered Date: 11/17/93
Case Number: 11023
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

JOES'S GAS (Continued)

S104810041

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: 4
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Richard Tanaka,
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 08/06/98
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 08/12/98
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BRODERICK
 Benzene Test: YES
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Case closed.

**DU447
 SE
 > 1
 8838 ft.**

**OE'S GAS
 2399 POST ST
 SAN FRANCISCO, CA**

**Cortese S105034291
 N/A**

Site 3 of 3 in cluster DU

**Relative:
 Higher**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2399 POST ST

**Actual:
 151 ft.**

Region: CORTESE
 Fac Address 2: 2399 POST ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

448 KAISER PERMANENTE MEDICAL CENT
SE 2425 GEARY BOULEVARD
> 1 SAN FRANCISCO, CA 94115
8859 ft.

EMI S105938306
N/A

Relative:
Higher

EMISSIONS :
 Facility ID : 3926
 Air District Code : BA
 SIC Code : 8062
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

Actual:
213 ft.

449 KENT CLEANERS
South 601 3RD AVENUE
> 1 SAN FRANCISCO, CA 94118
8860 ft.

FINDS 1004440446
EMI 110001164383

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Emissions Trends
 National Toxics Inventory

Actual:
201 ft.

EMISSIONS :
 Facility ID : 12833
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

Facility ID : 4942
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DR450
ESE
> 1
8866 ft.

RESIDENCE
2610 SACRAMENTO STREET
SAN FRANCISCO, CA 94115

LUST **S105481857**
N/A

Site 3 of 6 in cluster DR

Relative:
Higher

State LUST:

Actual:
183 ft.

Cross Street: STEINER STREET
 Qty Leaked: 0
 Case Number: 38-1806
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: 6/25/02 0:00
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/27/02 0:00
 Release Date: 06/04/2002
 Cleanup Fund Id : Not reported
 Discover Date : 06/04/2002
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11506
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 06/04/2002
 Work Suspended :Not reported
 Responsible Party: RICHARD URBIZTANOD
 RP Address: 2610 SACRAMENTO STREET
 Global Id: T0607503339
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: 6/25/02 0:00
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number
 EPA ID Number

S105481857

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11506
 Facility Id: 38-1806
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: 6/25/2002
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

**DR451
 ESE
 > 1
 8866 ft.**

**RESIDENTIAL
 2610 SACRAMENTO ST
 SAN FRANCISCO, CA 94115**

**LUST S105628326
 N/A**

Site 4 of 6 in cluster DR

**Relative:
 Higher**

**Actual:
 183 ft.**

LUST San Francisco County:

Facility ID: 02 202 008
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: Steiner
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: Not reported
 Basin: DOWNTOWN
 Enforcement Type: NOR
 Enforcement Due Date: 06/26/02
 NOR Date: Not reported
 Closed Date: Not reported
 Review Date: / /
 Report Date: 06/04/02
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 06/04/02
 How Discovered: Tank Closure
 Discovered Date: 06/04/02
 Case Number: 11506
 Staff Initial: VP

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S105628326

Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 06/04/02
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Richard Urbiztando
Entered Date: 06/26/02
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 06/04/02
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/01/02
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Steiner
Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 207
TPH Date: 06/04/02
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Actual closure

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

DR452
 ESE
 > 1
 8935 ft.

RESIDENCE
2590 SACRAMENTO STREET
SAN FRANCISCO, CA 94115

LUST S105248058
N/A

Site 5 of 6 in cluster DR

Relative:
Higher

State LUST:

Actual:
183 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0941
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/8/97 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 08/22/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10875
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500835
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248058

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10875
Facility Id: 38-0941
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0941
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 7/24/97
Number of Wells: Not reported
Cross Street: STEINER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/23/97
Closed Date: 10/8/97
Review Date: / /
Report Date: 07/24/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 07/22/97
How Discovered: Tank Closure
Discovered Date: 08/22/97
Case Number: 10875
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248058

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: STEVE BLAU
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 09/23/97
 Facility Staff: MA
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 07/22/97
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/08/97
 Abatement: Excavate and Dispose (landfill) of soil
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: STEINER ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 7/22/97 [leak]

DR453 RESIDENCE
ESE 2590 SACRAMENTO ST
> 1 SAN FRANCISCO, CA 94123
8935 ft.
Relative: Site 6 of 6 in cluster DR
Higher
Actual: 183 ft.

HAZNET S103647227
Cortese N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103647227

HAZNET:

Gepaid: CAC001247000
TSD EPA ID: CAD980887418
Gen County: San Francisco
Tsd County: 1
Tons: 3.3360
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: STEVEN & CATALINA BLAU
Telephone: (000) 000-0000
Mailing Address: 2007 BIRCH AVENUE
SAN CARLOS, CA 94070
County: San Francisco

CORTESE:

Region: CORTESE
Fac Address 2: 2590 SACRAMENTO ST

DV454
ESE
> 1
8982 ft.

**THE RAMOND RAGGIO TRUST
2480 WASHINGTON STREET
SAN FRANCISCO, CA 94115**

**HAZNET S105086263
CHMIRS N/A**

Site 1 of 4 in cluster DV

Relative:
Higher

HAZNET:

Gepaid: CAC002275785
TSD EPA ID: CAL000161743
Gen County: San Francisco
Tsd County: Santa Clara
Tons: .2710
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Contact: THE RAMOND RAGGIO TRUST
Telephone: (415) 391-9220
Mailing Address: 750 BATTERY STRETT 5TH FLOOR
SAN FRANCISCO, CA 94111
County: San Francisco

Actual:
226 ft.

Gepaid: CAC002275785
TSD EPA ID: CAL000161743
Gen County: San Francisco
Tsd County: Santa Clara
Tons: .2710
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: THE RAMOND RAGGIO TRUST
Telephone: (415) 391-9220
Mailing Address: 750 BATTERY STRETT 5TH FLOOR
SAN FRANCISCO, CA 94111
County: San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

THE RAMOND RAGGIO TRUST (Continued)

S105086263

Gepaid: CAC002275785
TSD EPA ID: NVD982358483
Gen County: San Francisco
Tsd County: 99
Tons: 2.1225
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: THE RAMOND RAGGIO TRUST
Telephone: (415) 391-9220
Mailing Address: 750 BATTERY STRETT 5TH FLOOR
SAN FRANCISCO, CA 94111
County San Francisco

CHMIRS:

OES Control Number: 99-1945
Chemical Name: sulfur dioxide
Extent of Release: Not reported
Property Use: Not reported
Incident Date: Not reported
Date Completed: Not reported
Time Completed : Not reported
Agency Id Number : Not reported
Agency Incident Number : Not reported
OES Incident Number : 99-1945
Time Notified : Not reported
Surrounding Area : Not reported
Estimated Temperature : Not reported
Property Management : Not reported
More Than Two Substances Involved? : Not reported
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personel # Of Injuries : Not reported
Responding Agency Personel # Of Fatalities : 0
Resp Agncy Personel # Of Decontaminated : Not reported
Others Number Of Decontaminated : Not reported
Others Number Of Injuries : Not reported
Others Number Of Fatalities : Not reported
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : Not reported
Report Date : Not reported
Comments : Not reported
Facility Telephone Number : Not reported
Waterway Involved : No
Waterway : Not reported
Spill Site : Residence
Cleanup By : garbage company
Containment : Yes
What Happened : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

THE RAMOND RAGGIO TRUST (Continued)

S105086263

Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	5/5/199901:31:44 PM
Evacuations :	0
True date :	12/31/03
Year :	1999
Agency :	San Francisco FD
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	1
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0
Description :	Substance was in an old refrigerator and leaked when it was dumped in a garbage truck.
Incident date :	5/5/199912:00:00 AM
Admin Agency :	San Francisco County Health Department
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

DV455 RESIDENTIAL
ESE 2480 WASHINGTON ST
> 1 SAN FRANCISCO, CA 94115
8982 ft.

LUST S105628001
N/A

Site 2 of 4 in cluster DV

**Relative:
Higher**

LUST San Francisco County:

Facility ID:	02 200 006
Region:	SAN FRANCISCO
Notify:	False
Lat/Long:	Not reported
Priority:	Low Priority Site
Case Type:	Soil only
Release Date:	Not reported
Number of Wells:	Not reported
Cross Street:	Fillmore
Free Product:	Not reported
Amount of Free Produce:	Not reported
MTBE:	YES
Benzene:	Not reported
Depth to Groundwater:	Not reported
Gradient:	Not reported
Primary Substance:	FUEL OILS NOS. 1
Basin:	Downtown Basin
Enforcement Type:	NOR
Enforcement Due Date:	04/19/00
NOR Date:	4/19/00
Closed Date:	4/20/00

**Actual:
226 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S105628001

Review Date 04/20/00
Report Date 04/07/00
Leak Source: Tank
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 03/30/00
How Discovered: Tank Closure
Discovered Date: 03/30/00
Case Number: 11361
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: 0.008
Maximum MTBE GW: Not reported
MTBE DATE: 03/30/00
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: James Devinenti
Entered Date: 04/19/00
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/30/00
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 04/20/00
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Fillmore
Benzene Test: ND
TPH Tested: ND
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: 03/30/00
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENTIAL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Comments: Not reported
 Summary: Not reported

S105628001

DV456 RESIDENTIAL APARTMENT
ESE 2480 WASHINGTON ST
> 1 SAN FRANCISCO, CA 94115
8982 ft.

LUST S105688865
N/A

Site 3 of 4 in cluster DV

Relative:
Higher

Actual:
226 ft.

State LUST:

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-2147	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	4/20/00 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	03/30/2000		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11361		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	0.008 Parts per Million		
Soil Qualifier :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607529642		
Org Name:	Not reported		
Contact Person:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S105688865

MTBE Conc: Not reported
 Mtb Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:
 Region: 2
 Case Number: 11361
 Facility Id: 38-2147
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

DV457 PETS UNLIMITED
ESE 2343 FILLMORE ST
> 1 SAN FRANCISCO, CA 94115
9013 ft.

HAZNET U003716274
LUST N/A
Cortese

Site 4 of 4 in cluster DV

**Relative:
 Higher**

**Actual:
 212 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0507
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/26/94 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/29/1993
 Enforcement Dt : Not reported
 Enf Type: 2A
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PETS UNLIMITED (Continued)

U003716274

MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 10242
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500453
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10242
Facility Id: 38-0507
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0507
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.791184 / 122.433087
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 3/9/92
Number of Wells: 0
Cross Street: CLAY ST
Free Product: Yes
Amount of Free Produce: Not reported
MTBE: NT

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PETS UNLIMITED (Continued)

U003716274

Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: GASOLINE
 Basin: Downtown Basin
 Enforcement Type: 2A
 Enforcement Due Date: / /
 NOR Date: 3/11/95
 Closed Date: 7/26/94
 Review Date: / /
 Report Date: 03/09/92
 Leak Source: Unknown
 Leak Cause: Unknown
 How Stopped: Close Tank
 Stopped Date: / /
 How Discovered: Tank Closure
 Discovered Date: 10/29/93
 Case Number: 10242
 Staff Initial: VP
 Substance: Gasoline
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 2A
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 03/11/95
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/26/94
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: CLAY ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PETS UNLIMITED (Continued)

U003716274

TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAL000043725
TSD EPA ID: CAL92255281
Gen County: San Francisco
Tsd County: 0
Tons: .1167
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: LINDA DRAKE
Telephone: (000) 000-0000
Mailing Address: 2343 FILLMORE ST
SAN FRANCISCO, CA 94115 - 1812
County San Francisco

Gepaid: CAL000043725
TSD EPA ID: CAL922955281
Gen County: San Francisco
Tsd County: Santa Clara
Tons: .3750
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: LINDA DRAKE
Telephone: (000) 000-0000
Mailing Address: 2343 FILLMORE ST
SAN FRANCISCO, CA 94115 - 1812
County San Francisco

Gepaid: CAL000043725
TSD EPA ID: AZ0049318009
Gen County: San Francisco
Tsd County: 0
Tons: .0750
Waste Category: Off-specification, aged, or surplus inorganics
Disposal Method: Not reported
Contact: LINDA DRAKE
Telephone: (000) 000-0000
Mailing Address: 2343 FILLMORE ST
SAN FRANCISCO, CA 94115 - 1812
County San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PETS UNLIMITED (Continued)

U003716274

Gepaid: CAL000043725
TSD EPA ID: CAL922955228
Gen County: San Francisco
Tsd County: 0
Tons: .2667
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: LINDA DRAKE
Telephone: (000) 000-0000
Mailing Address: 2343 FILLMORE ST
SAN FRANCISCO, CA 94115 - 1812
County San Francisco

Gepaid: CAL000043725
TSD EPA ID: CAL922955281
Gen County: San Francisco
Tsd County: Santa Clara
Tons: .2875
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: LINDA DRAKE
Telephone: (000) 000-0000
Mailing Address: 2343 FILLMORE ST
SAN FRANCISCO, CA 94115 - 1812
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access
10 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:
Region: CORTESE
Fac Address 2: 2343 FILLMORE ST

DW458
ESE
> 1
9038 ft.

W RHEINBERGER ESTATE
2325 JACKSON ST
SAN FRANCISCO, CA 94118

HAZNET S102435838
Cortese N/A

Site 1 of 4 in cluster DW

Relative:
Higher

Actual:
252 ft.

HAZNET:
Gepaid: CAC000934064
TSD EPA ID: CAL000048571
Gen County: San Francisco
Tsd County: Santa Clara
Tons: 1.0425
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: C/O RAY REDELL
Telephone: (415) 921-7658
Mailing Address: C/O RAY REDELL
SAN FRANCISCO, CA 94115
County San Francisco

CORTESE:
Region: CORTESE
Fac Address 2: 2325 JACKSON ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

DW459
 ESE
 > 1
 9038 ft.

WALLY RHEINBERGER ESTATE
 2325 JACKSON STREET
 SAN FRANCISCO, CA 94118

LUST S103396100
 N/A

Site 2 of 4 in cluster DW

Relative:
 Higher

State LUST:

Actual:
 252 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0640
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/3/95 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 07/18/1995
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10553
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607500559
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WALLY RHEINBERGER ESTATE (Continued)

S103396100

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10553
Facility Id: 38-0640
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0640
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.792679 / 122.43212
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 7/17/95
Number of Wells: 0
Cross Street: WEBSTER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/27/95
Closed Date: 11/3/95
Review Date: / /
Report Date: 07/17/95
Leak Source: Tank
Leak Cause: Not reported
How Stopped: Remove Contents
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 07/18/95
Case Number: 10553
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WALLY RHEINBERGER ESTATE (Continued)

S103396100

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 10/27/95
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 08/24/95
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/03/95
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: WEBSTER ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

460 RESIDENCE
ESE 2280 PACIFIC AVE
> 1 SAN FRANCISCO, CA 94115
9049 ft.

HAZNET S103971490
LUST N/A
Cortese

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1024
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only

**Actual:
 262 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103971490

Status:	Case Closed	Confirm Leak:	Not reported
Review Date:	Not reported	Prelim Assess:	Not reported
Workplan:	Not reported	Remed Plan:	Not reported
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	8/20/98 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	04/08/1998		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	10964		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500917		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10964
Facility Id:	38-1024
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103971490

Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1024
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 3/20/98
Number of Wells: 0
Cross Street: WEBSTER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 4/27/98
Closed Date: 8/20/98
Review Date: / /
Report Date: 03/20/98
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Repair Tank
Stopped Date: 03/18/98
How Discovered: Tank Closure
Discovered Date: 04/08/98
Case Number: 10964
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 04/27/98
Facility Staff: AL
Facility Status: 9
Funding: State

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103971490

Date Status Was First Assigned - The following dates are assigned as the status progresses:

Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 08/20/98
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: WEBSTER ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 3/20/98 [leak

HAZNET:

Gepaid: CAC001401960
TSD EPA ID: NVD982358483
Gen County: San Francisco
Tsd County: 99
Tons: 4.0866
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: JACOB PELTA
Telephone: (000) 000-0000
Mailing Address: 6360 WILSHIRE #501
LOS ANGELES, CA 90048
County: San Francisco

CORTESE:

Region: CORTESE
Fac Address 2: 2280 PACIFIC AVE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

DX461 UNOCAL #5465-COW HOLLOW UNOCAL
East 1801 LOMBARD ST
> 1 SAN FRANCISCO, CA 94123
9071 ft.

LUST S101592070
CA FID UST N/A

Relative:
Lower

Site 1 of 5 in cluster DX

State LUST:

Actual:
46 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number:	38-0397	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Other ground water affected		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	6/3/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	04/19/1989		
Enforcement Dt :	Not reported		
Enf Type:	2A		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	CDM		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	10036		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500349		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #5465-COW HOLLOW UNOCAL (Continued)

S101592070

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10036
Facility Id: 38-0397
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0397
Region: SAN FRANCISCO
Notify: True
Lat/Long: 37.800471 / 122.430228
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 4/19/89
Number of Wells: 0
Cross Street: LAGUNA ST
Free Product: Yes
Amount of Free Produce: Not reported
MTBE: YES
Benzene: Not reported
Depth to Groundwater: 14' 20'
Gradient: N/NE
Primary Substance: GASOLINE (UNL)
Basin: Marina Basin
Enforcement Type: 2A
Enforcement Due Date: / /
NOR Date: 4/22/92
Closed Date: 6/3/99
Review Date: / /
Report Date: 04/19/89
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 03/13/90
How Discovered: Tank Closure
Discovered Date: 04/19/89
Case Number: 10036
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 45

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #5465-COW HOLLOW UNOCAL (Continued)

S101592070

MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 1200
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: TOSCO
RP Address: Not reported
Operator: Not reported
Entered Date: 04/22/92
Facility Staff: CDM
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: 6/13/88
Assessment Underway: 12/9/88
Pollution Characterization: 1/4/89
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 06/03/99
Abatement: Excavate and Dispose (landfill) of soil
CUFID: 8049
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: LAGUNA ST
Benzene Test: YES
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Wells abandoned

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNOCAL #5465-COW HOLLOW UNOCAL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S101592070

FID:

Facility ID:	38000437	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 567-6044
Mail To:	Not reported		
	1801 LOMBARD ST		
	SAN FRANCISCO, CA 94123		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

DX462
East
> 1
9104 ft.

CHEVRON
1790 LOMBARD ST
SAN FRANCISCO, CA 94123

HAZNET **S103636783**
LUST **N/A**
Cortese

Site 2 of 5 in cluster DX

Relative:
Lower

LUST Region 2:
 Region: 2
 Case Number: 10558
 Facility Id: 38-0699
 Facility Status: Post remedial action monitoring
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: 11/3/1995

Actual:
46 ft.

LUST San Francisco County:
 Facility ID: 38 0699
 Region: SAN FRANCISCO
 Notify: True
 Lat/Long: 37.800691 / 122.42981
 Priority: Moderate Priority Site
 Case Type: Other ground water affected
 Release Date: 11/3/95
 Number of Wells: 6
 Cross Street: LAGUNA ST
 Free Product: Yes
 Amount of Free Produce: Not reported
 MTBE: YES
 Benzene: 5000/sph
 Depth to Groundwater: 20.77
 Gradient: NW .02
 Primary Substance: GASOLINE
 Basin: Marina Basin
 Enforcement Type: IEA
 Enforcement Due Date: 10/19/00
 NOR Date: 11/8/96
 Closed Date: Not reported
 Review Date: 11/13/02

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON (Continued)

S103636783

Report Date	11/03/95
Leak Source:	Tank
Leak Cause:	Unknown
How Stopped:	Close Tank
Stopped Date:	11/03/95
How Discovered:	Tank Closure
Discovered Date:	11/03/95
Case Number:	10558
Staff Initial:	VP
Substance:	Gasoline
Substance Qty:	Not reported
Interim Remediation:	Not reported
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	3040
MTBE DATE:	09/13/99
Max Soil Concentration:	Not reported
Maximum Soil GW:	11000
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	2A
Reg Board:	2
Responsible Party:	CHEVRON U.S.A.
RP Address:	Not reported
Operator:	Not reported
Entered Date:	11/08/96
Facility Staff:	AL
Facility Status:	8
Funding:	Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	11/16/95
Workplan Submitted:	7/10/96
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Case Closed:	/ /
Abatement:	Excavate and Dispose (landfill) of soil
CUFID:	Not reported
Beneficial Use:	No
Suspended:	No
Program:	LOP
Cross Street:	LAGUNA ST
Benzene Test:	YES
TPH Tested:	YES
Max TPH GW:	9999999
Max TPH Soil:	Not reported
TPH Date:	05/27/98
Block:	Not reported
Lot:	Not reported
TPH Current:	41000/sph
TPH Current Date:	8/27/02
MTBE Current:	300/sph
MTBE Current Date:	8/27/02
Ground Water Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON (Continued)

S103636783

Summary: TESTED 5/27/98:
HAZNET:
Gepaid: CAL000021557
TSD EPA ID: CAD093459485
Gen County: San Francisco
Tsd County: Fresno
Tons: .0208
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: STANLEY LEW
Telephone: (415) 922-4922
Mailing Address: 1790 LOMBARD ST
SAN FRANCISCO, CA 94123 - 2908
County San Francisco

Gepaid: CAL000021557
TSD EPA ID: CAL000161743
Gen County: San Francisco
Tsd County: Santa Clara
Tons: .2293
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: STANLEY LEW
Telephone: (415) 922-4922
Mailing Address: 1790 LOMBARD ST
SAN FRANCISCO, CA 94123 - 2908
County San Francisco

Gepaid: CAL000021557
TSD EPA ID: CAL000161741
Gen County: San Francisco
Tsd County: 1
Tons: 0.2293
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: STANLEY LEW
Telephone: (415) 922-4922
Mailing Address: 1790 LOMBARD ST
SAN FRANCISCO, CA 94123 - 2908
County San Francisco

CORTESE:
Region: CORTESE
Fac Address 2: 1790 LOMBARD ST

DX463 CHEVRON STATION #9-3535
East 1790 LOMBARD ST
> 1 SAN FRANCISCO, CA 94123
9104 ft.

LUST S105194364
N/A

Relative:
Lower

Site 3 of 5 in cluster DX

State LUST:
Cross Street: Not reported
Qty Leaked: 0
Case Number: 38-0699
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 38000L
Case Type: Other ground water affected

Actual:
46 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON STATION #9-3535 (Continued)

S105194364

Status: Post remedial action monitoring
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: 11/3/95 0:00
Close Date: Not reported
Release Date: 11/03/1995
Cleanup Fund Id : Not reported
Discover Date : 11/03/1995
Enforcement Dt : Not reported
Enf Type: SI
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : 11/26/01 0:00
Max MTBE GW : 410 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Medium priority
Local Case # : 10558
Beneficial: Not reported
Staff : VP
GW Qualifier : =
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500608
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DY464
ESE
 > 1
 9120 ft.

SHELL SERVICE STATION #5307
2501 CALIFORNIA STREET
SAN FRANCISCO, CA 94115

LUST **S105688782**
 N/A

Site 1 of 4 in cluster DY

Relative:
Higher

State LUST:

Actual:
167 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1122
 Reg Board: 2
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/24/94 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 04/23/1987
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10072
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500294
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHELL SERVICE STATION #5307 (Continued)

S105688782

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10072
Facility Id: 38-1122
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1122
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.788824 / 122.434262
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/23/87
Number of Wells: 0
Cross Street: STEINER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: USED OIL (WASTE)
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: 05/13/92
NOR Date: 5/13/92
Closed Date: 7/24/94
Review Date: / /
Report Date: 04/23/87
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 04/23/87
Case Number: 10072
Staff Initial: VP
Substance: Waste Oil
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHELL SERVICE STATION #5307 (Continued)

S105688782

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 05/13/92
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/24/94
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: STEINER ST
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 280
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

DY465 CHEVRON STATION
ESE 2500 CALIFORNIA ST
> 1 SAN FRANCISCO, CA 94115
9120 ft.

LUST S106229901
N/A

**Relative:
 Higher**

Site 2 of 4 in cluster DY

**Actual:
 167 ft.**

LUST Region 2:
 Region: 2
 Case Number: 10604
 Facility Id: 38-0741
 Facility Status: Post remedial action monitoring
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON STATION (Continued)

S106229901

Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: 2/29/1996

DY466 PACIFIC HEIGHTS SHELL
ESE 2501 CALIFORNIA ST
> 1 SAN FRANCISCO, CA 94115
9120 ft.

RCRIS-SQG 1001111793
FINDS CAR000013318
HAZNET
Cortese

Relative:
Higher

Site 3 of 4 in cluster DY

RCRIS:
 Owner: SEAN TAYSI AND CO INC
 (408) 370-0505
 EPA ID: CAR000013318
 Contact: SEAN TAYSI
 (408) 370-0505

Actual:
167 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system

HAZNET:

Gepaid: CAL000056777
 TSD EPA ID: CAD009452657
 Gen County: San Francisco
 Tsd County: San Mateo
 Tons: .1959
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Recycler
 Contact: NICK KOLENKO
 Telephone: (000) 000-0000
 Mailing Address: 2501 CALIFORNIA ST
 SAN FRANCISCO, CA 94115 - 2615
 County: San Francisco
 Gepaid: CAL000056777
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: .4378
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: NICK KOLENKO
 Telephone: (000) 000-0000
 Mailing Address: 2501 CALIFORNIA ST
 SAN FRANCISCO, CA 94115 - 2615
 County: San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PACIFIC HEIGHTS SHELL (Continued)

1001111793

Gepaid: CAL000056777
TSD EPA ID: CAD083166728
Gen County: San Francisco
Tsd County: Stanislaus
Tons: .5212
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: NICK KOLENKO
Telephone: (000) 000-0000
Mailing Address: 2501 CALIFORNIA ST
SAN FRANCISCO, CA 94115 - 2615
County San Francisco

Gepaid: CAL000056777
TSD EPA ID: CAD009452657
Gen County: San Francisco
Tsd County: San Mateo
Tons: .2502
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: NICK KOLENKO
Telephone: (000) 000-0000
Mailing Address: 2501 CALIFORNIA ST
SAN FRANCISCO, CA 94115 - 2615
County San Francisco

Gepaid: CAL000056777
TSD EPA ID: CAD009452657
Gen County: San Francisco
Tsd County: San Mateo
Tons: .5004
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: NICK KOLENKO
Telephone: (000) 000-0000
Mailing Address: 2501 CALIFORNIA ST
SAN FRANCISCO, CA 94115 - 2615
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access 10 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:
Region: CORTESE
Fac Address 2: 2501 CALIFORNIA ST

DY467
ESE
> 1
9121 ft.

CHEVRON STATION
2500 CALIFORNIA ST
SAN FRANCISCO, CA 94115

LUST **S104657112**
N/A

Relative:
Higher

Site 4 of 4 in cluster DY

State LUST:
Cross Street: Not reported
Qty Leaked: 0
Case Number: 38-0741
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 38000L

Actual:
166 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON STATION (Continued)

S104657112

Case Type: Other ground water affected
Status: Post remedial action monitoring
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: 2/29/96 0:00
Close Date: Not reported
Release Date: 12/29/1996
Cleanup Fund Id : Not reported
Discover Date : 12/29/1996
Enforcement Dt : Not reported
Enf Type: SI
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : 1/22/02 0:00
Max MTBE GW : 440 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Low priority. Priority ranking can change over time.
Local Case # : 10604
Beneficial: Not reported
Staff : VP
GW Qualifier : =
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500644
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtb Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST San Francisco County:

Facility ID: 38 0741
Region: SAN FRANCISCO
Notify: True
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Other ground water affected
Release Date: 2/29/96

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON STATION (Continued)

S104657112

Number of Wells: 4
Cross Street: STEINER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: YES
Benzene: <5.0
Depth to Groundwater: 18.03
Gradient: S. 0.05
Primary Substance: GASOLINE
Basin: Downtown Basin
Enforcement Type: IEA
Enforcement Due Date: 11/28/00
NOR Date: 3/6/96
Closed Date: Not reported
Review Date: 12/27/02
Report Date: 02/29/96
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 12/29/96
Case Number: 10604
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 6500
MTBE DATE: 01/28/98
Max Soil Concentration: Not reported
Maximum Soil GW: 69.5
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: CHEVRON U.S.A.
RP Address: Not reported
Operator: Not reported
Entered Date: 03/06/96
Facility Staff: AL
Facility Status: 8
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/15/96
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: / /
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON STATION (Continued)

S104657112

Cross Street: STEINER ST
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: 140000
 Max TPH Soil: Not reported
 TPH Date: 01/30/97
 Block: Not reported
 Lot: Not reported
 TPH Current: 12000
 TPH Current Date: 10/22/02
 MTBE Current: 2
 MTBE Current Date: 10/22/02
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: TESTED 10/8/97

DW468
ESE
> 1
9124 ft.

WEBSTER ASSOCIATES
2411 WEBSTER ST
SAN FRANCISCO, CA 94115

HAZNET **S104228676**
LUST **N/A**
Cortese

Site 3 of 4 in cluster DW

Relative:
Higher

Actual:
258 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1470
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 9/30/99 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/10/02 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/30/1999
 Enforcement Dt : Not reported
 Enf Type: CLOS
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11321
 Beneficial: Not reported
 Staff : VP

Confirm Leak: 9/30/99 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WEBSTER ASSOCIATES (Continued)

S104228676

GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501354
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11321
Facility Id: 38-1470
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: 9/30/1999
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1470
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Jackson
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: 11/18/99

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WEBSTER ASSOCIATES (Continued)

S104228676

NOR Date: 11/18/99
 Closed Date: Not reported
 Review Date: 10/10/02
 Report Date: 09/30/99
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 09/30/99
 How Discovered: Tank Closure
 Discovered Date: 09/30/99
 Case Number: 11321
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: 09/30/99
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Peter Wall
 Entered Date: 11/18/99
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 09/30/99
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/10/02
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Jackson
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 130
 TPH Date: 09/30/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WEBSTER ASSOCIATES (Continued)

S104228676

Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 10/10/02 Cherie's

HAZNET:

Gepaid: CAC001475344
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 4.9122
 Waste Category: Waste oil and mixed oil
 Disposal Method: Not reported
 Contact: WEBSTER ASSOCIATES
 Telephone: (415) 821-3310
 Mailing Address: 2411 WEBSTER ST
 SAN FRANCISCO, CA 94115
 County San Francisco

Gepaid: CAC001475344
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 8.34
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: WEBSTER ASSOCIATES
 Telephone: (415) 821-3310
 Mailing Address: 2411 WEBSTER ST
 SAN FRANCISCO, CA 94115
 County San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 2411 WEBSTER ST

DZ469
SE
> 1
9126 ft.

UCSF/MT ZION DEPT OF ENV HEALTH/SAFETY
1600 DIVISADERO STREET
SAN FRANCISCO, CA 94115

HAZNET S103633656
EMI N/A

Site 1 of 2 in cluster DZ

Relative:
Higher

HAZNET:

Actual:
142 ft.

Gepaid: CAD981462609
 TSD EPA ID: CAD050806850
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .0899
 Waste Category: Laboratory waste chemicals
 Disposal Method: Recycler
 Contact: REGENTS OF UNIVERSITY OF CAL
 Telephone: (510) 987-9220
 Mailing Address: 50 MEDICAL CENTER WAY
 SAN FRANCISCO, CA 94143 - 0942
 County San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UCSF/MT ZION DEPT OF ENV HEALTH/SAFETY (Continued)

S103633656

Gepaid: CAD981462609
TSD EPA ID: CAD050806850
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .0625
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: REGENTS OF UNIVERSITY OF CAL
Telephone: (510) 987-9220
Mailing Address: 50 MEDICAL CENTER WAY
SAN FRANCISCO, CA 94143 - 0942
County San Francisco

Gepaid: CAD981462609
TSD EPA ID: CAD050806850
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .2835
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: REGENTS OF UNIVERSITY OF CAL
Telephone: (510) 987-9220
Mailing Address: 50 MEDICAL CENTER WAY
SAN FRANCISCO, CA 94143 - 0942
County San Francisco

Gepaid: CAD981462609
TSD EPA ID: CAD050806850
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .0055
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Contact: REGENTS OF UNIVERSITY OF CAL
Telephone: (510) 987-9220
Mailing Address: 50 MEDICAL CENTER WAY
SAN FRANCISCO, CA 94143 - 0942
County San Francisco

Gepaid: CAD981462609
TSD EPA ID: CAD050806850
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .1251
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Contact: REGENTS OF UNIVERSITY OF CAL
Telephone: (510) 987-9220
Mailing Address: 50 MEDICAL CENTER WAY
SAN FRANCISCO, CA 94143 - 0942
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access
260 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :
Facility ID : 5755
Air District Code : BA
SIC Code : 8062

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UCSF/MT ZION DEPT OF ENV HEALTH/SAFETY (Continued)

S103633656

Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

DZ470
SE
> 1
9126 ft.

1600 DIVISADERO ST.
SAN FRANCISCO, CA 94124

CHMIRS S105665475
N/A

Site 2 of 2 in cluster DZ

Relative:
Higher

CHMIRS:

Actual:
142 ft.

OES Control Number: 00-4409
 Chemical Name: Unicryn 1866
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported
 Agency Id Number : Not reported
 Agency Incident Number : Not reported
 OES Incident Number : 00-4409
 Time Notified : Not reported
 Surrounding Area : Not reported
 Estimated Temperature : Not reported
 Property Management : Not reported
 More Than Two Substances Involved? : Not reported
 Special Studies 1 : Not reported
 Special Studies 2 : Not reported
 Special Studies 3 : Not reported
 Special Studies 4 : Not reported
 Special Studies 5 : Not reported
 Special Studies 6 : Not reported
 Responding Agency Personel # Of Injuries : Not reported
 Responding Agency Personel # Of Fatalities : 0
 Resp Agncy Personel # Of Decontaminated : Not reported
 Others Number Of Decontaminated : Not reported
 Others Number Of Injuries : Not reported
 Others Number Of Fatalities : Not reported
 Vehicle Make/year : Not reported
 Vehicle License Number : Not reported
 Vehicle State : Not reported
 Vehicle Id Number : Not reported
 CA/DOT/PUC/ICC Number : Not reported
 Company Name : Not reported
 Reporting Officer Name/ID : Not reported
 Report Date : Not reported
 Comments : Not reported
 Facility Telephone Number : Not reported
 Waterway Involved : No
 Waterway : Not reported
 Spill Site : Other
 Cleanup By : Robert W Hunn UCSF Safety 415 885 3538

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105665475

Containment :	Unknown
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	9/28/200003:15:24 PM
Evacuations :	0
True date :	12/31/03
Year :	2000
Agency :	San Francisco Fire
BBLs :	0
Cups :	0
CUFT :	0
Gallons :	0.000000
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0
Description :	Substance was shipped to UC San Francisco Medical Center in a container with cold packs. The cold packs expired, allowing the substance to warm up and off-gas.
Incident date :	9/28/200012:00:00 AM
Admin Agency :	San Francisco County Health Department
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

DW471 2400 WEBSTER ST HOA
 ESE 2400 WEBSTER ST
 > 1 SAN FRANCISCO, CA 94113
 9139 ft.

LUST S102423407
 Cortese N/A

Site 4 of 4 in cluster DW

Relative:
 Higher

Actual:
 257 ft.

State LUST:		
Cross Street:	Not reported	
Qty Leaked:	0	
Case Number	38-0182	
Reg Board:	2	
Chemical:	Diesel	
Lead Agency:	Local Agency	
Local Agency :	38000L	
Case Type:	Soil only	
Status:	Case Closed	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	8/3/93 0:00	
Release Date:	Not reported	
Cleanup Fund Id :	Not reported	
Discover Date :	07/02/1991	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2400 WEBSTER ST HOA (Continued)

S102423407

Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: CDM
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10148
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500158
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10148
Facility Id: 38-0182
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0182
Region: SAN FRANCISCO

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2400 WEBSTER ST HOA (Continued)

S102423407

Notify: False
Lat/Long: 37.792894 / 122.431617
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/15/91
Number of Wells: Not reported
Cross Street: PACIFIC ST
Free Product: 0
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: 06/14/96
NOR Date: 6/14/96
Closed Date: 8/3/93
Review Date: / /
Report Date: 08/15/91
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 11/12/91
How Discovered: Tank Closure
Discovered Date: 07/02/91
Case Number: 10148
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 06/14/96
Facility Staff: CDM
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 11/14/95
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 08/03/93

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

2400 WEBSTER ST HOA (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S102423407

Abatement: Excavate and Dispose (landfill) of soil
 CUFID: 952
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: PACIFIC ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 2400 WEBSTER ST

**472
 ESE
 > 1
 9152 ft.**

**RESIDENCE
 2090 VALLEJO ST
 SAN FRANCISCO, CA 94123**

**LUST S106386855
 N/A**

**Relative:
 Higher**

LUST San Francisco County:
 Facility ID: 38 0505
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: 37.795841 / 122.430276
 Priority: Moderate Priority Site
 Case Type: Other ground water affected
 Release Date: 3/20/92
 Number of Wells: 3
 Cross Street: LAGUNA BUCHANAN
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: 13'
 Gradient: W
 Primary Substance: FUEL OILS NOS. 1
 Basin: Marina Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /
 NOR Date: 4/9/97
 Closed Date: Not reported
 Review Date: / /
 Report Date: 03/20/92
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 03/12/92

**Actual:
 154 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S106386855

How Discovered: Tank Closure
 Discovered Date: 03/31/92
 Case Number: 10805
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 04/09/97
 Facility Staff: MA
 Facility Status: 7
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 01/30/96
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: 6/12/97
 Monitoring Begun: Not reported
 Case Closed: / /
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: 6562
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LAGUNA BUCHANAN
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EA473
SW
 > 1
 9186 ft.

UNOCAL STATION #3788
301 25TH AVE
SAN FRANCISCO, CA 94121

LUST **U003746859**
N/A

Site 1 of 4 in cluster EA

Relative:
Higher

State LUST:

Actual:
137 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0569	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	9/27/95 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	04/19/1993		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	CDM		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	10395		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500497		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL STATION #3788 (Continued)

U003746859

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10395
Facility Id: 38-0569
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0569
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.783841 / 122.483751
Priority: Low Priority Site
Case Type: Soil only
Release Date: 10/10/94
Number of Wells: 0
Cross Street: CALIFORNIA
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: USED OIL (WASTE
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: 03/20/95
NOR Date: 3/20/95
Closed Date: 9/27/95
Review Date: 03/23/00
Report Date: 10/09/93
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 04/22/93
How Discovered: Tank Test
Discovered Date: 04/19/93
Case Number: 10395
Staff Initial: VP
Substance: Waste Oil
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNOCAL STATION #3788 (Continued)

U003746859

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: TOSCO
 RP Address: Not reported
 Operator: Allan Y. Lau
 Entered Date: 03/20/95
 Facility Staff: CDM
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 07/09/93
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: 8/11/94
 Monitoring Begun: Not reported
 Case Closed: 09/27/95
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: CALIFORNIA
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: NT
 Max TPH Soil: 5,800
 TPH Date: 08/11/94
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Two LOP #s

EA474 TOSCO/UNOCAL STATION #3788
SW 301 25TH AVE.
> 1 SAN FRANCISCO, CA 94121
9186 ft.

LUST S105688781
N/A

**Relative:
 Higher**

Site 2 of 4 in cluster EA
 State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1117
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L

**Actual:
 137 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TOSCO/UNOCAL STATION #3788 (Continued)

S105688781

Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/30/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/28/1996
 Enforcement Dt : Not reported
 Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : 4/11/00 0:00
 Max MTBE GW : 37 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: High priority
 Local Case # : 10730
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : 0.005 Parts per Million
 Soil Qualifier : <
 Hydr Basin #: UNNAMED BASIN
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501009
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10730
 Facility Id: 38-1117
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TOSCO/UNOCAL STATION #3788 (Continued)

S105688781

Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1117
Region: SAN FRANCISCO
Notify: True
Lat/Long: 37.7532 / 122.3817
Priority: High Priority Site
Case Type: Other ground water affected
Release Date: 10/28/96
Number of Wells: 0
Cross Street: CALIFORNIA
Free Product: No
Amount of Free Produce: Not reported
MTBE: YES
Benzene: ND
Depth to Groundwater: 39' 40'
Gradient: N/NE .005 .04
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: IEA
Enforcement Due Date: 08/11/98
NOR Date: 11/15/96
Closed Date: Not reported
Review Date: 08/02/00
Report Date: 10/30/96
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 04/22/93
How Discovered: Tank Closure
Discovered Date: 10/28/96
Case Number: 10730
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: 0.005
Maximum MTBE GW: 10000
MTBE DATE: 04/17/98
Max Soil Concentration: ND
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 2A
Reg Board: 2
Responsible Party: TOSCO
RP Address: Not reported
Operator: Allan Y. Lau
Entered Date: 11/15/96
Facility Staff: MA
Facility Status: 9

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TOSCO/UNOCAL STATION #3788 (Continued)

S105688781

Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 10/28/96
 Workplan Submitted: Not reported
 Assessment Underway: 4/17/98
 Pollution Characterization: 2/8/99
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/30/01
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: CALIFORNIA
 Benzene Test: ND
 TPH Tested: ND
 Max TPH GW: Not reported
 Max TPH Soil: ND
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: ND
 TPH Current Date: 4/11/00
 MTBE Current: 37
 MTBE Current Date: 4/11/00
 Ground Water Qualifier: Not reported
 Soil Qualifier: <
 Comments: Not reported
 Summary: Seven MW's

EA475 UNOCAL
SW 301 25TH AVE
> 1 SAN FRANCISCO, CA 94121
9186 ft.

HAZNET 1000167168
Cortese N/A
HIST UST

**Relative:
 Higher**

Site 3 of 4 in cluster EA

HAZNET:
 Gepaid: CAD982055055
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: .2750
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: UNION OIL COMPANY OF CALIFORNI
 Telephone: (714) 428-6560
 Mailing Address: PO BOX 25376
 SANTA ANA, CA 92799 - 5376
 County San Francisco

**Actual:
 137 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 301 25TH AVE
 Region: CORTESE
 Fac Address 2: 301 25TH AVE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNOCAL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000167168

UST HIST:

Facility ID:	31695	Owner Name:	UNION OIL CO.
Total Tanks:	3	Region:	STATE
Owner Address:	1 CALIFORNIA ST. SUITE 2700 SAN FRANCISCO, CA 94111		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	3788-1-1
Tank Capacity:	00010000	Year Installed:	1974
Type of Fuel:	UNLEADED	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor	Telephone:	(415) 668-4343
Contact Name:	ALLAN Y. LAU	Other Type:	Not reported
Facility Type:	Gas Station		
Facility ID:	31695	Owner Name:	UNION OIL CO.
Total Tanks:	3	Region:	STATE
Owner Address:	1 CALIFORNIA ST. SUITE 2700 SAN FRANCISCO, CA 94111		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	3788-2-1
Tank Capacity:	00010000	Year Installed:	1974
Type of Fuel:	PREMIUM	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor	Telephone:	(415) 668-4343
Contact Name:	ALLAN Y. LAU	Other Type:	Not reported
Facility Type:	Gas Station		
Facility ID:	31695	Owner Name:	UNION OIL CO.
Total Tanks:	3	Region:	STATE
Owner Address:	1 CALIFORNIA ST. SUITE 2700 SAN FRANCISCO, CA 94111		
Tank Used for:	WASTE		
Tank Num:	3	Container Num:	3788-4-1
Tank Capacity:	00000550	Year Installed:	Not reported
Type of Fuel:	WASTE OIL	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor	Telephone:	(415) 668-4343
Contact Name:	ALLAN Y. LAU	Other Type:	Not reported
Facility Type:	Gas Station		

EA476
 SW
 > 1
 9186 ft.

**301 25TH AVENUE
 SAN FRANCISCO, CA 94121**

**CHMIRS S105643614
 N/A**

Site 4 of 4 in cluster EA

Relative:
 Higher

Actual:
 137 ft.

CHMIRS:
 OES Control Number: 016243
 Chemical Name: gasoline
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported
 Agency Id Number : Not reported
 Agency Incident Number : Not reported
 OES Incident Number : 016243
 Time Notified : Not reported
 Surrounding Area : Not reported
 Estimated Temperature : Not reported
 Property Management : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105643614

More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	Not reported
Responding Agency Personel # Of Fatalities :	NO
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	YES
Waterway :	Not reported
Spill Site :	S/S
Cleanup By :	priv contractor
Containment :	NO
What Happened :	Not reported
Type :	PETROLEUM
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	Not reported
Evacuations :	NO
True date :	12/31/03
Year :	1996
Agency :	unocal
BBLS :	Not reported
Cups :	Not reported
CUFT :	Not reported
Gallons :	Not reported
Grams :	Not reported
Pounds :	Not reported
Liters :	Not reported
Ounces :	Not reported
Pints :	Not reported
Quarts :	Not reported
Sheen :	Not reported
Tons :	Not reported
Unknown :	Not reported
Description :	failed the 92 line due to pinhole leak. possibly a flex hose inside the turbin sump. station has been shut down. cleanup contractor is on scene.
Incident date :	2030 28Oct96
Admin Agency :	Not reported
OES date :	10/28/1996

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

(Continued)

EDR ID Number
 EPA ID Number

S105643614

OES time : 08:33:17 AM
 Amount : unk

DX477
East
> 1
9199 ft.

RESIDENTIAL APT.
1770 LOMBARD STREET
SAN FRANCISCO, CA 94123

LUST S104657163
N/A

Site 4 of 5 in cluster DX

Relative:
Lower

State LUST:

Actual:
47 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1210
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/7/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 07/10/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11108
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501095
 Org Name: Not reported
 Contact Person: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657163

MTBE Conc: Not reported
Mtb Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11108
Facility Id: 38-1210
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1210
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 7/10/98
Number of Wells: Not reported
Cross Street: OCTAVIA ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/3/98
Closed Date: 12/7/98
Review Date: / /
Report Date: 07/10/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 07/10/98
How Discovered: Tank Closure
Discovered Date: 07/10/98
Case Number: 11108
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657163

Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Patrick Mulligan
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 12/03/98
 Facility Staff: al
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 12/07/98
 Abatement: No Action Required
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: OCTAVIA ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 1500 gallon

DX478 RESIDENTIAL APARTMENT
East 1770 LOMBARD ST
> 1 SAN FRANCISCO, CA 94123
9199 ft.

HAZNET S103981150
Cortese N/A

Relative:
Lower

Site 5 of 5 in cluster DX

Actual:
47 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S103981150

HAZNET:

Gepaid: CAC001404424
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 3.1275
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: PATRICK MULLIGAN
 Telephone: (000) 000-0000
 Mailing Address: 1770 LOMBARD #B
 SAN FRANCISCO, CA 94123
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 1770 LOMBARD ST

**479
 SW
 > 1
 9206 ft.**

**APARTMENTS
 190 27TH AVE
 SAN FRANCISCO, CA 94121**

**LUST S105790729
 N/A**

**Relative:
 Higher**

State LUST:

**Actual:
 150 ft.**

Cross Street: LAKE
 Qty Leaked: 0
 Case Number: 38-2194
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 8/11/02 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/22/03 0:00
 Release Date: 08/11/2002
 Cleanup Fund Id : Not reported
 Discover Date : 07/11/2002
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11533
 Beneficial: Not reported
 Staff : VP

Confirm Leak: 8/11/02 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENTS (Continued)

S105790729

GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 07/11/2002
 Work Suspended :Not reported
 Responsible Party:PAUL PEHARGOU
 RP Address: 1870 LOMBARD STREET
 Global Id: T0607578269
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11533
 Facility Id: 38-2194
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 8/11/2002
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

**EB480 HOA - 1435 BAY ST.
 East 1435 BAY ST
 > 1 SAN FRANCISCO, CA 94123
 9221 ft.**

**LUST S105077617
 N/A**

Site 1 of 2 in cluster EB

**Relative:
 Lower**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0703
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported

**Actual:
 51 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HOA - 1435 BAY ST. (Continued)

S105077617

Close Date: 12/7/95 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 10/29/1995
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10570
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500612
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10570
Facility Id: 38-0703
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EB481 **1435 BAY ST HOA**
East **1435 BAY ST**
> 1 **SAN FRANCISCO, CA 94123**
9221 ft.

LUST **S102423378**
Cortese **N/A**

Site 2 of 2 in cluster EB

Relative:
Lower

LUST San Francisco County:

Actual:
51 ft.

Facility ID: 38 0703
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 10/3/95
 Number of Wells: 0
 Cross Street: OCTAVIA ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NT
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: DIESEL FUEL OIL
 Basin: Marina Basin
 Enforcement Type: NOR
 Enforcement Due Date: 12/06/95
 NOR Date: 12/6/95
 Closed Date: 12/7/95
 Review Date: / /
 Report Date: 10/03/95
 Leak Source: Tank
 Leak Cause: Overfill
 How Stopped: Remove Contents
 Stopped Date: / /
 How Discovered: Tank Closure
 Discovered Date: 10/29/95
 Case Number: 10570
 Staff Initial: VP
 Substance: Diesel
 Substance Qty: Not reported
 Interim Remediation: Not reported
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 12/06/95
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

1435 BAY ST HOA (Continued)

S102423378

Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 12/07/95
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: OCTAVIA ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: 23
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 1435 BAY ST

EC482 HAYES AUTO REPAIR
SE 2401 BUSH STREET
> 1 SAN FRANCISCO, CA 94115
9241 ft.

RCRIS-SQG 1000220389
FINDS CAD029197100
UST
CA FID UST
HIST UST
EMI

**Relative:
 Higher**

Site 1 of 2 in cluster EC

**Actual:
 145 ft.**

RCRIS:
 Owner: TAD ALAN YUKAWA
 (415) 555-1212
 EPA ID: CAD029197100
 Contact: ENVIRONMENTAL MANAGER
 (415) 346-7062
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HAYES AUTO REPAIR (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000220389

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Toxics Inventory
 Resource Conservation and Recovery Act Information system

FID:

Facility ID:	38000703	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 000-0000
Mail To:	Not reported 2401 BUSH ST SAN FRANCISCO, CA 94115		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	20386	Owner Name:	MASASHI YUKAWA
Total Tanks:	2	Region:	STATE
Owner Address:	2401 BUSH ST. SAN FRANCISCO, CA 94115		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	1
Tank Capacity:	00000250	Year Installed:	Not reported
Type of Fuel:	Not reported	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	Not reported	Telephone:	(415) 346-7061
Facility Type:	Other	Other Type:	Not reported
Facility ID:	20386	Owner Name:	MASASHI YUKAWA
Total Tanks:	2	Region:	STATE
Owner Address:	2401 BUSH ST. SAN FRANCISCO, CA 94115		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	2
Tank Capacity:	00000250	Year Installed:	Not reported
Type of Fuel:	Not reported	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	Not reported	Telephone:	(415) 346-7061
Facility Type:	Other	Other Type:	Not reported

EMISSIONS :

Facility ID :	4539
Air District Code :	BA
SIC Code :	7532
Total Priority Score :	Not reported
Health Risk Assessment :	Not reported
Non-cancer Chronic Haz Index :	Not reported
Non-cancer Acute Haz Index :	Not reported
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	38

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HAYES AUTO REPAIR (Continued)

1000220389

County ID : 38

UST San Francisco County:

Facility ID:	14810	Case Number:	Not reported
Tank ID:	Not reported	Owner Name:	Not reported
Receive Date:	Not reported	Close Date:	10/27/1987
Certified Date:	Not reported		
Mailing Address:	Not reported		
Care Of Address :	Not reported	Number Of Tanks :	1
Local Tank Id :	Not reported	Tank Manufacturer	Not reported
Compartmentalized Tank :	Not reported		
Date Tank Installed :	Not reported		
Tank Capacity :	Not reported		
# Of Tank Compartments :	Not reported		
Additional Desc :	Not reported	Tank Use :	Not reported
Petroleum Type :	Not reported	Common Name :	Not reported
Type Of Tank :	Not reported		
Tank Material - Primary Tank :	Not reported		
Tank Material - Secondary Tank :	Not reported		
Tank Interior Lining/coating :	Not reported		
Tank Int Lining Install Dt:	Not reported		
Other Tank Corrosive Protection :	Not reported		
Date Tank Corrosive Protection Install :	Not reported		
Type Of Spill Protection :			
Spill Containment :	Not reported		
Drop Tube :	Not reported		
Striker Plate :	Not reported		
Year Overfill Protection Equipment Installed :			
Alarm :	Not reported		
Ball Float :	Not reported		
Fill Tube Shut :	Not reported		
Exempt :	Not reported		
Tank Leak Detection (Single Wall) :			
Visual (Exposed Portion) :	Not reported		
Automatic Tank Gauging :	Not reported		
Continuous Atg :	Not reported		
Statscl Invntry Reconciliation & Biennial Tank Test :	Not reported		
Manual Tank Gauging :	Not reported		
Vadose Zone Tank Leak Detection :	Not reported		
Groundwater :	Not reported		
Tank Testing :	Not reported		
Other Detection :	Not reported		
Tank Leak Detection (Double Wall) :			
Visual (Single Wall In Vault Only) :	Not reported		
Continuous Interstitial Monitoring :	Not reported		
Manual Monitoring :	Not reported		
Other Leak Detection :	Not reported		
Estimated Date Last Used :	Not reported		
Estimated Qty Of Substance Remaining :	Not reported		
Tank Filled With Inert Material :	Not reported		
Piping System Type (Underground) :			
Pressure :	Not reported		
Suction :	Not reported		
Gravity :	Not reported		
Piping System Type (Aboveground) :			
Pressure :	Not reported		
Suction :	Not reported		
Gravity :	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HAYES AUTO REPAIR (Continued)

1000220389

Piping Construction (Underground) :		
Single Wall :		Not reported
Double Wall :		Not reported
Lined Trench :		Not reported
Unknown :		Not reported
Other :		Not reported
Piping Manufacturer (Underground) :		Not reported
Piping Construction (Aboveground) :		
Single Wall :		Not reported
Double Wall :		Not reported
Unknown :		Not reported
Other :		Not reported
Piping Manufacturer (Aboveground) :		Not reported
Piping Mat. And Corrosion Protection (Underground) :		
Bare Steel :		Not reported
Stainless Steel :		Not reported
Plastic Compatible With Contents :		Not reported
Fiberglass :		Not reported
Steel W/coating :		Not reported
FRP Compatible W/100% Methanol :		Not reported
Galvanized Steel :		Not reported
Flexible (HDPE - High Density Polyethylene) :		Not reported
Cathodic Protection :		Not reported
Unknown :		Not reported
Other :		Not reported
Piping Mat. & Corrosion Protec (Aboveground) :		
Bare Steel :		Not reported
Stainless Steel :		Not reported
Plastic Compatible With Contents :		Not reported
Fiberglass :		Not reported
Steel W/coating :		Not reported
Frp Compatible W/100% Methanol :		Not reported
Galvanized Steel :		Not reported
Flexible (HDPE - High Density Polyethylene) :		Not reported
Cathodic Protec : :		Not reported
Unknown :		Not reported
Other :		Not reported
Piping Leak Detection (Underground - Single Wall) :		
Electronic Line Leak Detector/ Auto Shutoff/ Alarms :		Not reported
Monthly 0.2 Gph Test :		Not reported
Annual Integrity Test :		Not reported
Daily Visual Monitrng ,Trienn Integrity Test :		Not reported
Self Monitoring :		Not reported
Biennial Integrity Test :		Not reported
Piping Leak Detection (Secondarily Contained) :		
Sump Sensor, Alarms ,Auto Shutoff For Leaks :		Not reported
Sump Snsr, Alm ,Auto Shutoff For Leaks, Failure, & Disconnect :		Not reported
Sump Sensor ,Alarms ,No Auto Shutoff :		Not reported
Pressure, Auto Leak Detctr ,Flow Shutoff Or Restrictn		Not reported
Annual Integrity Test :		Not reported
Suction,Gravity ,Sump Sensor,Alarms :		Not reported
Piping Leak Detection (Emergency Generators) :		
Sump Sensor W/O Auto Shutoff /Alarms :		Not reported
Auto Leak Detector W/O Flow Shutoff Or Restrctn :		Not reported
Annual Integrity Test :		Not reported
Piping Leak Detecn Abvegrnd - Emrgncy Gen - Daily Visual Chk :		Not reported
Pipe Integrity Test, Underground :		Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HAYES AUTO REPAIR (Continued)

1000220389

Piping Leak Detection (Aboveground - Single Wall) :

- Electronic Line Leak Detector /Auto Shutoff /Alarms : Not reported
- Monthly 0.2 Gph Test : Not reported
- Annual Integrity Test : Not reported
- Single Wall, Pressure Daily Visual Check : Not reported
- Single Wall, Suction - Daily Visual Monitoring : Not reported
- Triennial Integrity Test : Not reported
- Self Monitoring : Not reported
- Single Wall, Gravity - Daily Visual Monitoring : Not reported
- Biennial Integrity Test : Not reported

Piping Leak Detection (Aboveground - Secondarily Contained)

- Sump Sensor, Alarms, Auto Shutoff For Leaks : Not reported

Piping Leak Detection (Underground - Secondarily Contained)

- Sump Snsr, Alarm , Auto Shutoff For Leaks, Failre & Disconct : Not reported
- Sump Sensor, Alarms, No Auto Shutoff : Not reported
- Pressure - Auto Leak Detctr, Flow Shutoff /Restrctn : Not reported
- Annual Integrity Test : Not reported
- Suction/gravity - Sump Sensor , Alarms : Not reported

Piping Leak Detection Underground (Emergency Generators)

- Sump Sensor Without Auto Shutoff , Alarms : Not reported
- Auto Leak Detector W/o Flow Shutoff Or Restrctn : Not reported
- Annual Integrity Test : Not reported
- Daily Visual Check : Not reported

Pipe Integrity Test, Aboveground : Not reported

Date Dispenser Containment Installed : Not reported

Dispenser Containment Type : Not reported

Date Certified (Tank Unit) : Not reported

Owner/ Operator Name (Tank Unit) : Not reported

Owner/ Operator Title (Tank Unit) : Not reported

Permit Number : Not reported

Permit Approved By : Not reported

Permit Expiration Date : Not reported

Last Annual Monitoring Cert: Not reported

Secondary Containment Test : Not reported

Spill Containment Present : Not reported

Drop Tube Present : Not reported

Striker Plate Present : Not reported

Alarm Present : Not reported

Ball Float Present : Not reported

Fill Tube Present : Not reported

Other Tank Leak Detection Present : Not reported

UST Close ID : 347

Application Date : 9/30/1987

Application Name : Not reported

Applications : Not reported

2ndry Care Of Address : Not reported

483
 ESE
 > 1
 9249 ft.

ESTATE OF PEGGY LIPTON
1944-1948 GREEN STREET
SAN FRANCISCO, CA 94123

LUST S106161984
N/A

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0778
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency

Actual:
97 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ESTATE OF PEGGY LIPTON (Continued)

S106161984

Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 8/2/96 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 02/06/1996
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10660
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500675
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:

Region: 2
Case Number: 10660
Facility Id: 38-0778
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ESTATE OF PEGGY LIPTON (Continued)

S106161984

Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

ED484 PENG PROPERTY
ESE 2100 BROADWAY ST
> 1 SAN FRANCISCO, CA 94115
9249 ft.

HAZNET S103974906
Cortese N/A

Site 1 of 2 in cluster ED

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001140056
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 6.2550
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: LILLY PENG
 Telephone: (000) 000-0000
 Mailing Address: C/O ANNETTE BONE
 SAN FRANCISCO, CA 94109
 County: San Francisco

**Actual:
 209 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2100 BROADWAY ST

ED485 PENG PROPERTY
ESE 2100 BROADWAY STREET
> 1 SAN FRANCISCO, CA 94123
9249 ft.

LUST S102446059
N/A

Site 2 of 2 in cluster ED

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0840
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/4/96 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 08/15/1996
 Enforcement Dt: Not reported

**Actual:
 209 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PENG PROPERTY (Continued)

S102446059

Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10724
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500735
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtb Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10724
Facility Id: 38-0840
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0840
Region: SAN FRANCISCO
Notify: False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PENG PROPERTY (Continued)

S102446059

Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/15/96
Number of Wells: 0
Cross Street: BUCHANAN ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 11/5/96
Closed Date: 12/4/96
Review Date: / /
Report Date: 08/15/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 08/05/96
How Discovered: Tank Closure
Discovered Date: 08/15/96
Case Number: 10724
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 11/05/96
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/04/96
Abatement: Excavate and Dispose (landfill) of soil

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PENG PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S102446059

CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BUCHANAN ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

486 SUSAN COHEN RESIDENCE
SW 132 28TH AVE
> 1 SAN FRANCISCO, CA 94121
9267 ft.

LUST S102438267
Cortese N/A

**Relative:
 Higher**

State LUST:

**Actual:
 150 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0627
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/3/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 02/16/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SUSAN COHEN RESIDENCE (Continued)

S102438267

Local Case # : 10489
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended : Not reported
Responsible Party: Not reported
RP Address: Not reported
Global Id: T0607500548
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10489
Facility Id: 38-0627
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0627
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.78678 / 122.487311
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 6/9/95
Number of Wells: 0
Cross Street: EL CAMINO REAL
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SUSAN COHEN RESIDENCE (Continued)

S102438267

Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/21/95
Closed Date: 8/3/95
Review Date: / /
Report Date: 06/09/95
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 02/16/95
Case Number: 10489
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 07/21/95
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 08/03/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: EL CAMINO REAL
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SUSAN COHEN RESIDENCE (Continued)

S102438267

TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: HHO tank site.
 CORTESE:
 Region: CORTESE
 Fac Address 2: 132 28TH AVE

EC487 FRIARY OF ST DOMINIC'S
SE 2390 BUSH ST
> 1 SAN FRANCISCO, CA 94115
9266 ft.

LUST S101591943
Cortese N/A
CA FID UST

Site 2 of 2 in cluster EC

**Relative:
 Higher**

**Actual:
 145 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0451
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/15/94 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 08/07/1991
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10352
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRIARY OF ST DOMINIC'S (Continued)

S101591943

Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500402
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10352
Facility Id: 38-0451
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0451
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.78692 / 122.43517
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 8/8/91
Number of Wells: 0
Cross Street: PIERCE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/6/94
Closed Date: 12/15/94
Review Date: / /
Report Date: 08/08/91
Leak Source: Tank
Leak Cause: Structure Failure

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FRIARY OF ST DOMINIC'S (Continued)

S101591943

How Stopped: Close Tank
 Stopped Date: 08/14/91
 How Discovered: Tank Closure
 Discovered Date: 08/07/91
 Case Number: 10352
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 12/06/94
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 12/15/94
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: 6446
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: PIERCE ST
 Benzene Test: Not reported
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 440
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FRIARY OF ST DOMINIC'S (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101591943

Fac Address 2: 2390 BUSH ST

FID:

Facility ID:	38000196	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 000-0000
Mail To:	Not reported		
	2390 BUSH ST		
	SAN FRANCISCO, CA 94115		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

488
ESE
> 1
9390 ft.

ESRIK CLEANERS
2429 CALIFORNIA STREET
SAN FRANCISCO, CA 94115

HAZNET 1002848075
CLEANERS N/A
EMI

Relative:
Higher

CA Cleaners:

Actual:
170 ft.

Inactive Date: 6/30/2002
EPA Id: CAL000038997
Facility Address 2 Not reported
NAICS Code : Not reported
Facility Active : No
Mail Name : Not reported
Mailing Address: 2429 CALIF ST
SF, CA 94115
Owner Name : WILLIAM BUCK
Mailing Address: 2429 CALIFORNIA ST
SAN FRANCISCO, CA 94115
Owner Telephone 4153460626
Contact Name : WILLIAM BUCK
Mailing Address: 2429 CALIF ST
SF, CA 94115
Contact Telephone 4153460626
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

HAZNET:

Gepaid: CAL000038997
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .2925
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: BUCK BILL
Telephone: (000) 000-0000
Mailing Address: 2429 CALIF ST
SF, CA 94115
County San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ESRIK CLEANERS (Continued)

1002848075

Gepaid: CAL000038997
TSD EPA ID: CA0000084517
Gen County: San Francisco
Tsd County: Sacramento
Tons: .1950
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: BUCK BILL
Telephone: (000) 000-0000
Mailing Address: 2429 CALIF ST
SF, CA 94115
County San Francisco

Gepaid: CAL000038997
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .3900
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: BUCK BILL
Telephone: (000) 000-0000
Mailing Address: 2429 CALIF ST
SF, CA 94115
County San Francisco

Gepaid: CAL000038997
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .1950
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: BUCK BILL
Telephone: (000) 000-0000
Mailing Address: 2429 CALIF ST
SF, CA 94115
County San Francisco

Gepaid: CAL000038997
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .1950
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: BUCK BILL
Telephone: (000) 000-0000
Mailing Address: 2429 CALIF ST
SF, CA 94115
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access 9 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :
Facility ID : 4199
Air District Code : BA
SIC Code : 7216

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ESRIK CLEANERS (Continued)

1002848075

Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

EE489
ESE
 > 1
 9412 ft.

RESIDENCE 3 UNITS
2235 JACKSON ST
SAN FRANCISCO, CA 94115

HAZNET **S103971963**
Cortese **N/A**

Site 1 of 3 in cluster EE

Relative:
Higher

Actual:
273 ft.

HAZNET:
 Gepaid: CAC001412712
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.5846
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: JEROME MARKS, TRUSTEE
 Telephone: (000) 000-0000
 Mailing Address: 100 BUSH ST STE 2100
 SAN FRANCISCO, CA 94104
 County San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 2235 JACKSON ST

EE490
ESE
 > 1
 9412 ft.

RESIDENCE - 3 UNIT FLAT
2235 JACKSON STREET
SAN FRANCISCO, CA 94118

LUST **S104234087**
N/A

Site 2 of 3 in cluster EE

Relative:
Higher

Actual:
273 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1419
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/17/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE - 3 UNIT FLAT (Continued)

S104234087

Discover Date : 02/26/1998
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: CDM
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Medium priority
Local Case # : 11275
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501303
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11275
Facility Id: 38-1419
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1419

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE - 3 UNIT FLAT (Continued)

S104234087

Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Moderate Priority Site
 Case Type: Soil only
 Release Date: 2/27/98
 Number of Wells: Not reported
 Cross Street: Webster Street
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OIL NOS. 1 6
 Basin: Lobos Basin
 Enforcement Type: NOR
 Enforcement Due Date: 08/03/99
 NOR Date: 8/3/99
 Closed Date: 8/17/99
 Review Date: 08/17/99
 Report Date: 02/27/98
 Leak Source: Unknown
 Leak Cause: Unknown
 How Stopped: Close Tank
 Stopped Date: 02/26/98
 How Discovered: Tank Closure
 Discovered Date: 02/26/98
 Case Number: 11275
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Not reported
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: ND
 Maximum Soil GW: NT
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Homeowner
 Entered Date: 08/03/99
 Facility Staff: CDM
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 08/03/99
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENCE - 3 UNIT FLAT (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104234087

Case Closed: 08/17/99
 Abatement: No Action Required
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: Webster Street
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: NT
 Max TPH Soil: 2
 TPH Date: 02/27/98
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

EF491
 East
 > 1
 9420 ft.

RESIDENTIAL APARTMENT
3320 OCTAVIA ST
SAN FRANCISCO, CA 94123

HAZNET **S103965476**
Cortese **N/A**

Site 1 of 2 in cluster EF

Relative:
Lower

Actual:
56 ft.

HAZNET:
 Gepaid: CAC001084376
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 3.1775
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: NORTHSHORE RESOURCE TWO, LTD
 Telephone: (415) 753-3782
 Mailing Address: 4444 GEARY BLVD
 SAN FRANCISCO, CA 94118
 County: San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 3320 OCTAVIA ST

EF492
 East
 > 1
 9420 ft.

RESIDENTIAL APT.
3320 OCTAVIA STREET
SAN FRANCISCO, CA 94123

LUST **S104657144**
N/A

Site 2 of 2 in cluster EF

Relative:
Lower

Actual:
56 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1159
 Reg Board: 2
 Chemical: Heater Fuel

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657144

Lead Agency: Local Agency
Local Agency : 3800L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 9/16/98 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 06/02/1998
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11044
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501047
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:

Region: 2
Case Number: 11044
Facility Id: 38-1159
Facility Status: Case Closed
How Discovered: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657144

Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1159
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 6/2/98
Number of Wells: Not reported
Cross Street: FRANCISCO ST
Free Product: No
Amount of Free Product: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/15/98
Closed Date: 9/16/98
Review Date: / /
Report Date: 06/02/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 06/02/98
How Discovered: Tank Closure
Discovered Date: 06/02/98
Case Number: 11044
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Jeffrey Fox
RP Address: Not reported
Operator: Not reported
Entered Date: 09/15/98

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657144

Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/16/98
 Abatement: No Action Required
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: FRANCISCO ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Residential

493
 East
 > 1
 9427 ft.

**USDOJ NPS GOLDEN GATE NATL REC AREA
 BUILDING 201 FORT MASON
 SAN FRANCISCO, CA 94123**

**CERCLIS 1000186989
 RCRIS-SQG CA1141790195
 FINDS
 HIST UST**

**Relative:
 Lower**

CERCLIS Classification Data:
 Site Incident Category: Not reported Federal Facility: Federal Facility
 Non NPL Status: Other Cleanup Activity: Federal Facility-Lead Cleanup
Actual: Ownership Status: Federally Owned NPL Status: Not on the NPL
60 ft. Contact: Betsy Curnow Contact Tel: (415) 972-3093
 Contact Title: Not reported
 Contact: Jere Johnson Contact Tel: (415) 972-3094
 Contact Title: Not reported
 CERCLIS Assessment History:
 Assessment: DISCOVERY Completed: 08/01/1987
 CERCLIS Site Status:
 Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

USDOJ NPS GOLDEN GATE NATL REC AREA (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000186989

RCRIS:

Owner: US GOVERNMENT
 (415) 555-1212
 EPA ID: CA1141790195
 Contact: ENVIRONMENTAL MANAGER
 (415) 556-3103

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Comprehensive Environmental Response, Compensation and Liability Information System
 National Compliance Data Base
 National Toxics Inventory
 Resource Conservation and Recovery Act Information system

UST HIST:

Facility ID:	55148	Owner Name:	NATIONAL PARK SERVICE
Total Tanks:	1	Region:	STATE
Owner Address:	BUILDING 201 FORT MASON SAN FRANCISCO, CA 94123		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	FM 1
Tank Capacity:	00000000	Year Installed:	Not reported
Type of Fuel:	06	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	JOHN H. DAVIS	Telephone:	(415) 556-1009
Facility Type:	Other	Other Type:	NATIONAL PARK

**EG494
 SE
 > 1
 9428 ft.**

**2190 GEARY BLVD.
 SAN FRANCISCO, CA 94115**

**CHMIRS S100276160
 N/A**

Site 1 of 3 in cluster EG

**Relative:
 Higher**

CHMIRS:

**Actual:
 148 ft.**

OES Control Number:	9013992
Chemical Name:	Not reported
Extent of Release:	Not reported
Property Use:	County/City Road
Incident Date:	13-NOV-90
Date Completed:	13-NOV-90
Time Completed :	1155
Agency Id Number :	38005
Agency Incident Number :	02134
OES Incident Number :	9013992
Time Notified :	1055
Surrounding Area :	962
Estimated Temperature :	65
Property Management :	C
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S100276160

Special Studies 6 : Not reported
Responding Agency Personel # Of Injuries : 0
Responding Agency Personel # Of Fatalities : 0
Resp Agncy Personel # Of Decontaminated : 0
Others Number Of Decontaminated : 0
Others Number Of Injuries : 0
Others Number Of Fatalities : 0
Vehicle Make/year : IZUSU TRUCK
Vehicle License Number : 3R43833
Vehicle State : CA
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : TECHNICHEM
Reporting Officer Name/ID : BATT. CHIEF GUIDO COSTELLA
Report Date : 13-NOV-90
Comments : Yes
Facility Telephone Number : 415 861-8000
Waterway Involved : Not reported
Waterway : Not reported
Spill Site : Not reported
Cleanup By : Not reported
Containment : Not reported
What Happened : Not reported
Type : Not reported
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported
Date/Time : Not reported
Evacuations : Not reported
True date : Not reported
Year : 88-92
Agency : Not reported
BBLS : Not reported
Cups : Not reported
CUFT : Not reported
Gallons : Not reported
Grams : Not reported
Pounds : Not reported
Liters : Not reported
Ounces : Not reported
Pints : Not reported
Quarts : Not reported
Sheen : Not reported
Tons : Not reported
Unknown : Not reported
Description : Not reported
Incident date : Not reported
Admin Agency : Not reported
OES date : Not reported
OES time : Not reported
Amount : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

EG495 **TEXACO #0114**
SE **2201 GEARY BLVD**
> 1 **SAN FRANCISCO, CA 94115**
9448 ft.

LUST **S101592051**
CA FID UST **N/A**

Site 2 of 3 in cluster EG

Relative:
Higher

State LUST:

Actual:
151 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0368	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Other ground water affected		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	9/8/97 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/18/1989		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	10197		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500326		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO #0114 (Continued)

S101592051

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10197
Facility Id: 38-0368
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0368
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.783371 / 122.438528
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 5/3/89
Number of Wells: 4
Cross Street: DIVISADERO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: 2
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: 12/21/89
NOR Date: 1/19/94
Closed Date: 9/8/97
Review Date: / /
Report Date: 05/03/89
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 11/01/87
How Discovered: Tank Closure
Discovered Date: 05/18/89
Case Number: 10197
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO #0114 (Continued)

S101592051

MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 26
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 01/19/94
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: 3/31/87
Assessment Underway: 3/31/87
Pollution Characterization: 7/21/87
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/08/97
Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
Excavate and Dispose (landfill) of soil
CUFID: 6152
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: DIVISADERO ST
Benzene Test: YES
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

TEXACO #0114 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S101592051

FID:

Facility ID:	38000405	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 000-0000
Mail To:	Not reported		
	2201 GEARY BLVD		
	SAN FRANCISCO, CA 94115		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

**EG496
 SE
 > 1
 9448 ft.**

**TEXACO
 2201 GEARY BLVD
 SAN FRANCISCO, CA**

**Cortese S104657075
 N/A**

Site 3 of 3 in cluster EG

**Relative:
 Higher**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2201 GEARY BLVD

**Actual:
 151 ft.**

**EH497
 ESE
 > 1
 9449 ft.**

**PACIFIC BELL
 1930 STEINER STREET
 SAN FRANCISCO, CA 94115**

**RCRIS-SQG 1000250837
 FINDS CAT080015621
 HAZNET
 EMI**

Site 1 of 3 in cluster EH

**Relative:
 Higher**

RCRIS:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAT080015621
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

**Actual:
 149 ft.**

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system

HAZNET:

Gepaid: CAT080015621
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: 0.07
 Waste Category: Other organic solids
 Disposal Method: Transfer Station
 Contact: SHARON BAYLE/STAFF ASSOC
 Telephone: (925) 867-5741
 Mailing Address: PO BOX 5095 RM 3E000
 SAN RAMON, CA 94583 - 0995
 County: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250837

Gepaid: CAT080015621
TSD EPA ID: CAD981388952
Gen County: San Francisco
Tsd County: Shasta
Tons: .0300
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: PACIFIC BELL
Telephone: (925) 823-6161
Mailing Address: RM 3E000
SAN RAMON, CA 94583 - 0995
County San Francisco

Gepaid: CAT080015621
TSD EPA ID: CAL000027741
Gen County: San Francisco
Tsd County: 5
Tons: 4.6354
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: PACIFIC BELL
Telephone: (925) 823-6161
Mailing Address: RM 3E000
SAN RAMON, CA 94583 - 0995
County San Francisco

Gepaid: CAT080015621
TSD EPA ID: CAD982042475
Gen County: San Francisco
Tsd County: Solano
Tons: 1.4749
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: PACIFIC BELL
Telephone: (925) 823-6161
Mailing Address: RM 3E000
SAN RAMON, CA 94583 - 0995
County San Francisco

EMISSIONS :
Facility ID : 13517
Air District Code : BA
SIC Code : 4813
Total Priority Score : Not reported
Health Risk Assessment : Not reported
Non-cancer Chronic Haz Index : Not reported
Non-cancer Acute Haz Index : Not reported
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 38
County ID : 38

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

498 **SCOTT STREET SR. HOUSING COMPLEX, INC.**
SE **1600-08SCOTT,2158-80POST,2251-67 SUTTER**
> 1 **SAN FRANCISCO, CA 94115**
9487 ft.

VCP **S103393829**
N/A

Relative:
Higher

VCP:

Actual:
139 ft.

Facility ID	38830003
Dtsc Region Code :	2
Region Code Definition :	BERKELEY
County Code :	38
Site Name Under :	Not reported
Current Status Date :	03271998
Current Status Code :	NA
Current Status :	NO ACTION - FOR CALMORTGAGE ONLY
Lead Agency Code :	DTSC
Lead Agency :	DEPT OF TOXIC SUBSTANCES CONTROL
Site Type Code :	CMORT
Site Type :	CALMORTGAGE ONLY
National Priorities List :	Not reported
Tier :	Not reported
Source Of Funding Code :	Not reported
Staff Member :	SKARINEN
Supervisor :	Not reported
Sic Code :	83
Sic Code Definition :	SOCIAL SERVICES
Site Mitigatn & Brnfls Reuse Prog (SMBR) Code :	CM
SMBR Branch :	CALMORTGAGE
Regional Water Quality Control Board :	Not reported
RWQCB Definition :	Not reported
Site Access Controlled :	Not reported
Listed In Haz Wst & Substncs Sites List (CORTESE)	Not reported
Date Hazard Ranked :	Not reported
GW Contamination Suspected :	Not reported
# Of Sources Contributing To Contamination :	0
Lat/Long :	0° 0' 0" / 0° 0' 0"
Direction Lat :	Not reported
Direction Long :	Not reported
Lat/long Method :	Not reported
Entity Lat/long Coordinates Refer To :	Not reported
State Assembly Distt Code :	Not reported
State Senate Distt Code :	Not reported
Identifying Code:	CSTAR
ID Value:	201072
Other ID Desc:	CALSTARS CODE
Alternate Name(s):	SCOTT STREET SR. HOUSING COMPLEX, INC.
Address(es) :	1600-08SCOTT,2158-80POST,2251-67 SUTTER SAN FRANCISCO, CA 94115
Background Info :	Not reported
Facility Id :	38830003
AWP Activities Code :	1
DTSC Site Activity Code :	PHSE1
Activity Code Def:	PHASE 1 - CALMORTGAGE AND SCHOOL SITE PROPERTIES
AWP Activity Id :	SUPPL
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	03271998
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	NA

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SCOTT STREET SR. HOUSING COMPLEX, INC. (Continued)

S103393829

Status Code Definition : NO ACTION - FOR CALMORTGAGE ONLY
 Cubic Yards Of Solids Removed At Completion : 0
 Gallons Of Liquid Removed Upon Completion : 0
 Cubic Yards Of Solids Treated Upon Completion : 0
 Actvty Deleted Via Commitmnt/Completns Screen : Not reported
 Special Program Code: Not reported
 Special Program : Not reported
 Comments Date : 03271998
 Comments : Pursuant to the MOU, DTSC has reviewed two Phase Preliminary Environmental Assessments and a geotechnical Investigation for the Scott Street Senior Housing Complex, Inc. (SSSHC). The subject property currently, composed of eight separate contiguous parcels, contains several structures presently used for various office, commercial and residential uses plus a parking lot. One of the existing structures will be retained, remodeled and incorporated into the proposed new complex; another will be moved; and the third will be demolished. SSSHC is proposing to develop the parcels into an assisted-living facility for the elderly and health center. A Supplemental Phase I Environmental Report was prepared by DTSC and concluded that no action was needed for this property; there is no contamination on the property.

EE499 ESTHE BE GE & SHANA SZAMES
ESE 2210 JACKSON ST
> 1 SAN FRANCISCO, CA 94115
9514 ft.

HAZNET S105692197
LUST N/A

Site 3 of 3 in cluster EE

**Relative:
 Higher**

**Actual:
 278 ft.**

State LUST:
 Cross Street: BUCHANAN ST
 Qty Leaked: 0
 Case Number 38-2178
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/11/02 0:00
 Release Date: 05/28/2002
 Cleanup Fund Id : Not reported
 Discover Date : 05/16/2002
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ESTHE BE GE & SHANA SZAMES (Continued)

S105692197

Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11517
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : 05/16/2002
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607507312
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11517
Facility Id: 38-2178
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 302 011
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Buchanan
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ESTHE BE GE & SHANA SZAMES (Continued)

S105692197

Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: DOWNTOWN
Enforcement Type: NOR
Enforcement Due Date: 09/17/02
NOR Date: Not reported
Closed Date: Not reported
Review Date: / /
Report Date: 05/28/02
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 05/16/02
How Discovered: Tank Closure
Discovered Date: 05/16/02
Case Number: 11517
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 05/16/02
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Esther Burger &
Entered Date: 09/17/02
Facility Staff: MA
Facility Status: 1
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 05/16/02
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: / /
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Buchanan
Benzene Test: ND
TPH Tested: ND
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: 05/16/02

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ESTHE BE GE & SHANA SZAMES (Continued)

S105692197

Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

HAZNET:

Gepaid: CAC002550732
TSD EPA ID: Not reported
Gen County: San Francisco
Tsd County: Santa Clara
Tons: 2.71
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: Shana Szame
Telephone: (415) 292-6282
Mailing Address: 2210 JACKSON ST
SAN FRANCISCO, CA 94115
County: Not reported

**500
SSE
> 1
9533 ft.**

**UNIVERSITY OF SAN FRANCISCO
2445 GOLDEN GATE AVE
SAN FRANCISCO, CA 94117**

**RCRIS-SQG 1000431657
HAZNET CAD000629964
LUST
EMI**

**Relative:
Higher**

RCRIS:

Owner: NAME NOT REPORTED
(415) 555-1212

**Actual:
328 ft.**

EPA ID: CAD000629964

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 04/23/1990
Actual Date Achieved Compliance: 08/23/1990

Regulation Violated: Not reported
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 04/23/1990
Actual Date Achieved Compliance: 08/23/1990

There are 2 violation record(s) reported at this site:

Evaluation _____ Area of Violation _____

Date of
Compliance

NY MANIFEST

[Click this hyperlink](#) while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

State LUST:

Cross Street: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNIVERSITY OF SAN FRANCISCO (Continued)

1000431657

Qty Leaked: 0
Case Number: 38-0977
Reg Board: 2
Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency: 38000L
Case Type: Other ground water affected
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1/22/98 0:00
Release Date: Not reported
Cleanup Fund Id: Not reported
Discover Date: 09/18/1997
Enforcement Dt: Not reported
Enf Type: NOR
Enter Date: Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim: Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case #: 10906
Beneficial: Not reported
Staff: VP
GW Qualifier: Not reported
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: San Francisco Sand D
Operator: Not reported
Oversight Prgm: LUST
Review Date: Not reported
Stop Date: / /
Work Suspended: Not reported
Responsible Party: Not reported
RP Address: Not reported
Global Id: T0607500870
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtb Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Cross Street: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNIVERSITY OF SAN FRANCISCO (Continued)

1000431657

Qty Leaked:	0		
Case Number	38-1329		
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	3/2/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	06/24/1998		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	11146		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501214		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region: 2

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNIVERSITY OF SAN FRANCISCO (Continued)

1000431657

Case Number:	11146
Facility Id:	38-1329
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Wokplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported
Region:	2
Case Number:	10906
Facility Id:	38-0977
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Wokplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

HAZNET:

Gepaid:	CAD000629964
TSD EPA ID:	AZD983473539
Gen County:	San Francisco
Tsd County:	99
Tons:	1.2010
Waste Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Recycler
Contact:	UNIVERSITY OF SAN FRANCISCO
Telephone:	(415) 422-6883
Mailing Address:	2130 FULTON ST SAN FRANCISCO, CA 94117 - 1080
County	San Francisco
Gepaid:	CAD000629964
TSD EPA ID:	CAD028409019
Gen County:	San Francisco
Tsd County:	Los Angeles
Tons:	.8125
Waste Category:	Laboratory waste chemicals
Disposal Method:	Transfer Station
Contact:	UNIVERSITY OF SAN FRANCISCO
Telephone:	(415) 422-6883
Mailing Address:	2130 FULTON ST SAN FRANCISCO, CA 94117 - 1080
County	San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UNIVERSITY OF SAN FRANCISCO (Continued)

1000431657

Gepaid: CAD000629964
TSD EPA ID: CAD981382732
Gen County: San Francisco
Tsd County: 1
Tons: 6.7424
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: UNIVERSITY OF SAN FRANCISCO
Telephone: (415) 422-6883
Mailing Address: 2130 FULTON ST
SAN FRANCISCO, CA 94117 - 1080
County San Francisco

Gepaid: CAD000629964
TSD EPA ID: CAL000121946
Gen County: San Francisco
Tsd County: Marin
Tons: .2293
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: UNIVERSITY OF SAN FRANCISCO
Telephone: (415) 422-6883
Mailing Address: 2130 FULTON ST
SAN FRANCISCO, CA 94117 - 1080
County San Francisco

Gepaid: CAD000629964
TSD EPA ID: CAT000646117
Gen County: San Francisco
Tsd County: Kings
Tons: .0500
Waste Category: Empty containers less than 30 gallons
Disposal Method: Disposal, Land Fill
Contact: UNIVERSITY OF SAN FRANCISCO
Telephone: (415) 422-6883
Mailing Address: 2130 FULTON ST
SAN FRANCISCO, CA 94117 - 1080
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access 142 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :

Facility ID : 2025
Air District Code : BA
SIC Code : 8221
Total Priority Score : Not reported
Health Risk Assessment : Not reported
Non-cancer Chronic Haz Index : Not reported
Non-cancer Acute Haz Index : Not reported
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 38
County ID : 38

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

501
 South
 > 1
 9535 ft.

238 CABRILLO ST
 SAN FRANCISCO, CA

CHMIRS S105667027
 N/A

Relative:
 Higher

CHMIRS:

Actual:
 220 ft.

OES Control Number:	00-2727
Chemical Name:	Transformer Oil
Extent of Release:	Not reported
Property Use:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Time Completed :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	00-2727
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	Not reported
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Road
Cleanup By :	Reporting Party
Containment :	Yes
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	6/20/200009:14:35 AM
Evacuations :	0
True date :	12/31/03
Year :	2000
Agency :	PGE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S105667027

BBLS :	0
Cups :	0
CUFT :	0
Gallons :	0.000000
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	1
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0
Description :	Transformer failed due to fatigue
Incident date :	6/19/200012:00:00 AM
Admin Agency :	San Francisco County Health Department
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

502
East
> 1
9538 ft.

LOMBARD DRY CLEANERS
1701 LOMBARD STREET
SAN FRANCISCO, CA 94123

RCRIS-SQG **1000819516**
FINDS **CAD983655028**
HAZNET
EMI

Relative:
Lower

RCRIS:
 Owner: WAN YU
 (415) 922-0766
 EPA ID: CAD983655028
 Contact: WAN YU
 (415) 922-0766
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
48 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Emissions Trends
 Resource Conservation and Recovery Act Information system

HAZNET:
 Gepaid: CAD983655028
 TSD EPA ID: CAT000613943
 Gen County: San Francisco
 Tsd County: Sonoma
 Tons: .1950
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
 Disposal Method: Not reported
 Contact: WAN YIN YU
 Telephone: (415) 922-0766
 Mailing Address: 1701 LOMBARD ST
 SAN FRANCISCO, CA 94123 - 2907
 County: San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LOMBARD DRY CLEANERS (Continued)

1000819516

Gepaid: CAD983655028
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: 1.5175
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: WAN YIN YU
Telephone: (415) 922-0766
Mailing Address: 1701 LOMBARD ST
SAN FRANCISCO, CA 94123 - 2907
County San Francisco

Gepaid: CAD983655028
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: 1.7025
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: WAN YIN YU
Telephone: (415) 922-0766
Mailing Address: 1701 LOMBARD ST
SAN FRANCISCO, CA 94123 - 2907
County San Francisco

Gepaid: CAD983655028
TSD EPA ID: CAD981397417
Gen County: San Francisco
Tsd County: Los Angeles
Tons: 1.7913
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: WAN YIN YU
Telephone: (415) 922-0766
Mailing Address: 1701 LOMBARD ST
SAN FRANCISCO, CA 94123 - 2907
County San Francisco

Gepaid: CAD983655028
TSD EPA ID: CAD981397417
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .0000
Waste Category:
Disposal Method: Recycler
Contact: WAN YIN YU
Telephone: (415) 922-0766
Mailing Address: 1701 LOMBARD ST
SAN FRANCISCO, CA 94123 - 2907
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access 8 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :
Facility ID : 1693
Air District Code : BA
SIC Code : 7216

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LOMBARD DRY CLEANERS (Continued)

1000819516

Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

EI503 2160 PACIFIC HOA
ESE 2160 PACIFIC AVE
> 1 SAN FRANCISCO, CA 94115
9559 ft.

LUST S104657109
Cortese N/A

Site 1 of 3 in cluster EI

**Relative:
 Higher**

LUST San Francisco County:

**Actual:
 246 ft.**

Facility ID: 38 0714
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: 37.794047 / 122.429632
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 4/19/95
 Number of Wells: 0
 Cross Street: LAGUNA ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: Downtown Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /
 NOR Date: 12/20/95
 Closed Date: 1/26/96
 Review Date / /
 Report Date 04/19/95
 Leak Source: Tank
 Leak Cause: Structure Failure
 How Stopped: Close Tank
 Stopped Date: 10/01/93
 How Discovered: Tank Closure
 Discovered Date: 06/02/95
 Case Number: 10574
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: Y
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

2160 PACIFIC HOA (Continued)

S104657109

Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 12/20/95
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 12/29/95
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 01/26/96
 Abatement: Excavate and Dispose (landfill) of soil
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Pump and Treat Ground Water
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LAGUNA ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 4/19/95 [leak
 CORTESE:
 Region: CORTESE
 Fac Address 2: 2160 PACIFIC AVE

EI504 RONNY BERLAND
ESE 2160 PACIFIC AVE.
> 1 SAN FRANCISCO, CA 94115
9559 ft.

HAZNET S102423402
LUST N/A

**Relative:
 Higher**

Site 2 of 3 in cluster EI

**Actual:
 246 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0714
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RONNY BERLAND (Continued)

S102423402

Local Agency :	38000L	Confirm Leak:	Not reported
Case Type:	Soil only	Prelim Assess:	Not reported
Status:	Case Closed	Remed Plan:	Not reported
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1/26/96 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	06/02/1995		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	10574		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500623		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10574
Facility Id:	38-0714
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RONNY BERLAND (Continued)

S102423402

Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

HAZNET:

Gepaid: CAC001046144
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: RONNY BERLAND
 Telephone: (000) 000-0000
 Mailing Address: C/O TANK SOLUTIONS 1796 18TH
 SAN FRANCISCO, CA 94107
 County San Francisco

Gepaid: CAC001046144
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: .8340
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: RONNY BERLAND
 Telephone: (000) 000-0000
 Mailing Address: C/O TANK SOLUTIONS 1796 18TH
 SAN FRANCISCO, CA 94107
 County San Francisco

EH505
SE
> 1
9575 ft.

SHELL
2299 BUSH ST
SAN FRANCISCO, CA 94115

HAZNET **S103643764**
Cortese **N/A**

Site 2 of 3 in cluster EH

Relative:
Higher

Actual:
146 ft.

HAZNET:
 Gepaid: CAD981400468
 TSD EPA ID: CAD009452657
 Gen County: San Francisco
 Tsd County: San Mateo
 Tons: 2.7105
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Recycler
 Contact: EQUILON ENTERPRISES LLC
 Telephone: (713) 241-2258
 Mailing Address: PO BOX 2099
 HOUSTON, TX 77252 - 2099
 County San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHELL (Continued)

S103643764

Gepaid: CAD981400468
TSD EPA ID: CAD009452657
Gen County: San Francisco
Tsd County: San Mateo
Tons: .4170
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: EQUILON ENTERPRISES LLC
Telephone: (713) 241-2258
Mailing Address: PO BOX 2099
HOUSTON, TX 77252 - 2099
County San Francisco

Gepaid: CAD981400468
TSD EPA ID: CAD009466392
Gen County: San Francisco
Tsd County: 7
Tons: .2750
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: EQUILON ENTERPRISES LLC
Telephone: (713) 241-2258
Mailing Address: PO BOX 2099
HOUSTON, TX 77252 - 2099
County San Francisco

Gepaid: CAD981400468
TSD EPA ID: CAD009466392
Gen County: San Francisco
Tsd County: 7
Tons: 15.0000
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Contact: EQUILON ENTERPRISES LLC
Telephone: (713) 241-2258
Mailing Address: PO BOX 2099
HOUSTON, TX 77252 - 2099
County San Francisco

Gepaid: CAD981400468
TSD EPA ID: CAD980675276
Gen County: San Francisco
Tsd County: Kern
Tons: 198.2400
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Disposal, Land Fill
Contact: EQUILON ENTERPRISES LLC
Telephone: (713) 241-2258
Mailing Address: PO BOX 2099
HOUSTON, TX 77252 - 2099
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access 5 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:

Region: CORTESE
Fac Address 2: 2299 BUSH ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

EH506
SE
 > 1
 9575 ft.

SHELL SERVICE STATION #7204
2299 BUSH STREET
SAN FRANCISCO, CA 94115

LUST **S105194331**
N/A

Site 3 of 3 in cluster EH

Relative:
Higher

State LUST:

Actual:
146 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0332
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/23/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 03/19/1990
 Enforcement Dt : Not reported
 Enf Type: 2A
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10071
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500292
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHELL SERVICE STATION #7204 (Continued)

S105194331

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10071
Facility Id: 38-0332
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0332
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.786847 / 122.433628
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 11/14/89
Number of Wells: 12
Cross Street: STEINER ST
Free Product: Yes
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: 29
Gradient: S
Primary Substance: GASOLINE
Basin: Downtown Basin
Enforcement Type: 2A
Enforcement Due Date: / /
NOR Date: 5/13/92
Closed Date: 6/23/95
Review Date: / /
Report Date: 11/14/89
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 03/19/90
How Discovered: Tank Closure
Discovered Date: 03/19/90
Case Number: 10071
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHELL SERVICE STATION #7204 (Continued)

S105194331

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: 2400
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 2A
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 05/13/92
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: 12/30/87
 Assessment Underway: 10/30/89
 Pollution Characterization: 3/19/90
 Corrective Action Plan: 4/5/93
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/23/95
 Abatement: Excavate and Dispose (landfill) of soil
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 Pump and Treat Ground Water
 CUFID: 5068
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: STEINER ST
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: 9999999
 Max TPH Soil: 831
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

507 RESIDENTIAL APT.S
ESE 2703 LAGUNA ST/ 2000 VALLEJO STREET
> 1 SAN FRANCISCO, CA 0
9580 ft.

LUST S104234081
N/A

Relative: State LUST:
Higher Cross Street: Not reported
 Qty Leaked: 0
Actual: Case Number 38-1388
133 ft. Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT.S (Continued)

S104234081

Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 7/12/99 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 06/15/1999
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 11251
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : 0.005 Parts per Million
Soil Qualifier : <
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501273
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:

Region: 2
Case Number: 11251
Facility Id: 38-1388
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT.S (Continued)

S104234081

Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1388
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 6/17/99
 Number of Wells: Not reported
 Cross Street: Not reported
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: Downtown Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /
 NOR Date: 7/6/99
 Closed Date: 7/12/99
 Review Date: / /
 Report Date: 06/17/99
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Not reported
 Stopped Date: / /
 How Discovered: Not reported
 Discovered Date: 06/15/99
 Case Number: 11251
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: 2000
 Interim Remediation: N
 Maximum MTBE Soil: 0.005
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: ND
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: WOO HON FA
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 07/06/99
 Facility Staff: SC

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT.S (Continued)

S104234081

Facility Status: 9
 Funding: R
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 07/06/99
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/12/99
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Not reported
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: ND
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: <
 Comments: Not reported
 Summary: LIAO, SOILS ONLY.

EJ508 RESIDENCE
SE 1261 BRODERICK ST
> 1 SAN FRANCISCO, CA 94115
9617 ft.

HAZNET S102432130
Cortese N/A

Site 1 of 2 in cluster EJ

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001036432
 TSD EPA ID: CAL000048571
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 1.3552
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: JOHN KAUFMAN
 Telephone: (415) 383-3766
 Mailing Address: 7 STARBOARD CT
 MILL VALLEY, CA 94941
 County: San Francisco

**Actual:
 204 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 1261 BRODERICK ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

EJ509
SE
 > 1
 9617 ft.

RESIDENCE
1261 BRODERICK STREET
SAN FRANCISCO, CA 94115

LUST **S105248008**
N/A

Site 2 of 2 in cluster EJ

Relative:
Higher

State LUST:

Actual:
204 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0729
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/8/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 11/16/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10702
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500634
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248008

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10702
Facility Id: 38-0729
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0729
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 12/22/95
Number of Wells: 0
Cross Street: ST JOSEPH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/2/96
Closed Date: 10/8/96
Review Date: / /
Report Date: 12/22/95
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 07/13/95
How Discovered: Tank Closure
Discovered Date: 11/16/95
Case Number: 10702
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248008

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 10/02/96
 Facility Staff: SC
 Facility Status: 9
 Funding: Not reported
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 01/31/96
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/08/96
 Abatement: Excavate and Dispose (landfill) of soil
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: ST JOSEPH ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**510
 SSE
 > 1
 9632 ft.**

**UNIVERSITY OF SAN FRANCISCO
 650 PARKER
 SAN FRANCISCO, CA 94118**

**LUST S102439669
 Cortese N/A**

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0578
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 38000L

**Actual:
 329 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNIVERSITY OF SAN FRANCISCO (Continued)

S102439669

Case Type: Other ground water affected
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 12/18/95 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 07/26/1993
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 10428
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500504
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtb Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10428
Facility Id: 38-0578
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UNIVERSITY OF SAN FRANCISCO (Continued)

S102439669

Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0578
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.776346 / 122.451695
Priority: Low Priority Site
Case Type: Other ground water affected
Release Date: 7/26/93
Number of Wells: 0
Cross Street: FULTON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: 10'
Gradient: Not reported
Primary Substance: DIESEL FUEL
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: 05/25/95
NOR Date: 5/25/95
Closed Date: 12/18/95
Review Date: / /
Report Date: 07/26/93
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Remove Contents
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 07/26/93
Case Number: 10428
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/25/95
Facility Staff: MA
Facility Status: 9

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNIVERSITY OF SAN FRANCISCO (Continued)

S102439669

Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 12/18/95
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: FULTON ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

EI511 APARTMENTS
ESE 2140 PACIFIC AVENUE
> 1 SAN FRANCISCO, CA 94115
9649 ft.

LUST S106162419
N/A

Site 3 of 3 in cluster EI

**Relative:
 Higher**

State LUST:
 Cross Street: BUCHANAN STREET
 Qty Leaked: 0
 Case Number 38-2269
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Leak being confirmed
 Review Date: 1/16/04 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 01/16/2004

**Actual:
 240 ft.**

Confirm Leak: 1/16/04 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

APARTMENTS (Continued)

S106162419

Cleanup Fund Id : Not reported
Discover Date : 01/16/2004
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11608
Beneficial: Not reported
Staff : GVL
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : 01/16/2004
Work Suspended :Not reported
Responsible PartyBETTY ANN PRIEN, TRUSTEE
RP Address: 2199 PACIFIC AVENUE
Global Id: T0607562216
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11608
Facility Id: 38-2269
Facility Status: Leak being confirmed
How Discovered: TC
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 1/16/2004
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EK512
ESE
 > 1
 9653 ft.

COMMERCIAL PROPERTY
2355 CALIFORNIA ST
SAN FRANCISCO, CA 94115

LUST **S105790733**
N/A

Site 1 of 3 in cluster EK

Relative:
Higher

State LUST:

Actual:
192 ft.

Cross Street: FILLMORE
 Qty Leaked: 0
 Case Number: 38-2198
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 6/6/02 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/23/03 0:00
 Release Date: 07/07/2002
 Cleanup Fund Id : Not reported
 Discover Date : 06/06/2002
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11537
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 06/06/2002
 Work Suspended :Not reported
 Responsible Party: LOUIS & NANCY ARTAL
 RP Address: 44 CROWN TERRACE
 Global Id: T0607507103
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: 6/6/02 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

COMMERCIAL PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S105790733

Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11537
 Facility Id: 38-2198
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 6/6/2002
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

EL513
ESE
 > 1
 9686 ft.

2170 ACKSON ST CORP
2170 JACKSON ST
SAN FRANCISCO, CA 94115

LUST **S103890702**
Cortese **N/A**

Site 1 of 2 in cluster EL

Relative:
Higher

Actual:
281 ft.

State LUST:

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1309
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 8/17/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/05/1994
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: CDM
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

2170 ACKSON ST CORP (Continued)

S103890702

Priority: High priority
 Local Case # : 11157
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501194
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

CORTESE:

Region: CORTESE
 Fac Address 2: 2170 JACKSON ST

**EL514
 ESE
 > 1
 9686 ft.**

**2170 ACKSON STREET CORPORATION
 2170 JACKSON STREET
 SAN FRANCISCO, CA 94115**

**HAZNET S102792155
 LUST N/A**

Site 2 of 2 in cluster EL

**Relative:
 Higher**

LUST Region 2:
 Region: 2
 Case Number: 11157
 Facility Id: 38-1309
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

**Actual:
 281 ft.**

LUST San Francisco County:

Facility ID: 38 1309
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: High Priority Site
 Case Type: Soil only
 Release Date: 1/5/94

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

2170 ACKSON STREET CORPORATION (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S102792155

Number of Wells:	0
Cross Street:	LAGUNA ST
Free Product:	No
Amount of Free Produce:	Not reported
MTBE:	NRQ
Benzene:	Not reported
Depth to Groundwater:	Not reported
Gradient:	Not reported
Primary Substance:	FUEL OILS NOS. 1
Basin:	Lobos Basin
Enforcement Type:	NOR
Enforcement Due Date:	02/12/99
NOR Date:	2/12/99
Closed Date:	8/17/99
Review Date:	08/17/99
Report Date:	01/05/94
Leak Source:	Tank
Leak Cause:	Corrosion
How Stopped:	Close Tank
Stopped Date:	01/05/94
How Discovered:	Tank Closure
Discovered Date:	01/05/94
Case Number:	11157
Staff Initial:	VP
Substance:	Heater Fuel
Substance Qty:	Not reported
Interim Remediation:	Not reported
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	ND
Maximum Soil GW:	NT
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	1
Reg Board:	2
Responsible Party:	Charlene Tims
RP Address:	Not reported
Operator:	Not reported
Entered Date:	02/12/99
Facility Staff:	CDM
Facility Status:	9
Funding:	Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	02/12/99
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Case Closed:	08/17/99
Abatement:	Excavate and Dispose (landfill) of soil
CUFID:	Not reported
Beneficial Use:	Yes
Suspended:	Not reported
Program:	LOP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

2170 ACKSON STREET CORPORATION (Continued)

S102792155

Cross Street: LAGUNA ST
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: NT
 Max TPH Soil: 658
 TPH Date: 01/05/94
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Water in tank pit

HAZNET:

Gepaid: CAC000711304
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: 3.7530
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: 2170 JACKSON STREET CORP
 Telephone: (415) 346-2170
 Mailing Address: 2170 JACKSON STREET
 SAN FRANCISCO, CA 94115
 County: San Francisco

Gepaid: CAC000711304
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Not reported
 Contact: 2170 JACKSON STREET CORP
 Telephone: (415) 346-2170
 Mailing Address: 2170 JACKSON STREET
 SAN FRANCISCO, CA 94115
 County: San Francisco

515
 South
 > 1
 9693 ft.

**2773 MCALLISTER STREET
 SAN FRANCISCO, CA 94177**

**CHMIRS S105668804
 N/A**

**Relative:
 Higher**

CHMIRS:
 OES Control Number: 00-0910
 Chemical Name: transformer oil
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported
 Agency Id Number : Not reported
 Agency Incident Number : Not reported
 OES Incident Number : 00-0910

**Actual:
 238 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105668804

Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	Not reported
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Residence
Cleanup By :	Reporting Party
Containment :	Yes
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	2/25/200004:50:17 PM
Evacuations :	0
True date :	12/31/03
Year :	2000
Agency :	PGE
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	0.000000
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	1
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0
Description :	Drops of transformer oil released due to a transformer overload. The drops

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S105668804

Incident date : landed on two vehicles. It is being tested for PCB's.
 2/25/2000 12:00:00 AM
 Admin Agency : San Francisco County Health Department
 OES date : Not reported
 OES time : Not reported
 Amount : Not reported

EM516 CAROLYN GANDOLFO
ESE 2293-2295 WASHINGTON ST
> 1 SAN FRANCISCO, CA 94115
9751 ft.

HAZNET S104889621
LUST N/A

Site 1 of 3 in cluster EM

**Relative:
 Higher**

State LUST:

**Actual:
 290 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-2057	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	10/18/00 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	07/27/2000		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11401		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CAROLYN GANDOLFO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104889621

RP Address: Not reported
 Global Id: T0607517312
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11401
 Facility Id: 38-2057
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

HAZNET:

Gepaid: CAC001328600
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: .6255
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: CAROLYN GANDOLFO
 Telephone: (415) 885-4094
 Mailing Address: 2293-2295 WASHINGTON ST
 SAN FRANCISCO, CA 94115
 County: San Francisco

**EN517
 SW
 > 1
 9767 ft.**

**RESIDENCE
 625 EL CAMINO DEL MAR
 SAN FRANCISCO, CA 94121**

**LUST S105248112
 Cortese N/A**

Site 1 of 2 in cluster EN

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1025
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported

**Actual:
 141 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248112

Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1025
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 3/23/98
Number of Wells: Not reported
Cross Street: MCLAREN ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/29/98
Closed Date: 6/11/98
Review Date: / /
Report Date: 03/23/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 03/23/98
How Discovered: Tank Closure
Discovered Date: 03/27/98
Case Number: 10975
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/29/98
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248112

Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/11/98
 Abatement: No Action Required
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: MCLAREN ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 625 EL CAMINO DEL MAR

EO518
East
> 1
9819 ft.

CHESTNUT STREET CLEANERS
1327 CHESTNUT STREET
SAN FRANCISCO, CA 94123

RCRIS-SQG 1000389041
FINDS CAD981582067
HAZNET
CLEANERS
EMI

Site 1 of 2 in cluster EO

Relative:
Lower

Actual:
58 ft.

RCRIS:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAD981582067
 Contact: Not reported
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Emissions Trends
 National Toxics Inventory
 Resource Conservation and Recovery Act Information system

CA Cleaners:
 Inactive Date: Not reported
 EPA Id: CAD981582067
 Facility Address 2 Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CHESTNUT STREET CLEANERS (Continued)

1000389041

NAICS Code : Not reported
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 1327 CHESTNUT ST
SAN FRANCISCO, CA 94123
Owner Name : --
Mailing Address: --
--, 99 --
Owner Telephone: 0000000000
Contact Name : PATRICK TOM/PLANT OPERATOR
Mailing Address: 1327 CHESTNUT ST
SF, CA 94123
Contact Telephone: 4157712821
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

HAZNET:

Gepaid: CAD981582067
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: 1.2975
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 1327 CHESTNUT ST
SAN FRANCISCO, CA 94123 - 3105
County San Francisco

Gepaid: CAD981582067
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .0975
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 1327 CHESTNUT ST
SAN FRANCISCO, CA 94123 - 3105
County San Francisco

Gepaid: CAD981582067
TSD EPA ID: CA0000084517
Gen County: San Francisco
Tsd County: Sacramento
Tons: .4475
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 1327 CHESTNUT ST
SAN FRANCISCO, CA 94123 - 3105
County San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHESTNUT STREET CLEANERS (Continued)

1000389041

Gepaid: CAD981582067
 TSD EPA ID: CAT000613963
 Gen County: San Francisco
 Tsd County: 0
 Tons: .2850
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
 Disposal Method: Not reported
 Contact: Not reported
 Telephone: (000) 000-0000
 Mailing Address: 1327 CHESTNUT ST
 SAN FRANCISCO, CA 94123 - 3105
 County San Francisco

Gepaid: CAD981582067
 TSD EPA ID: CAT000613943
 Gen County: San Francisco
 Tsd County: Sonoma
 Tons: .1875
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
 Disposal Method: Not reported
 Contact: Not reported
 Telephone: (000) 000-0000
 Mailing Address: 1327 CHESTNUT ST
 SAN FRANCISCO, CA 94123 - 3105
 County San Francisco

[Click this hyperlink](#) while viewing on your computer to access 10 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :

Facility ID :	2942
Air District Code :	BA
SIC Code :	7216
Total Priority Score :	Not reported
Health Risk Assessment :	Not reported
Non-cancer Chronic Haz Index :	Not reported
Non-cancer Acute Haz Index :	Not reported
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	38
County ID :	38

EP519
 ESE
 > 1
 9824 ft.

**2101 PACIFIC PARTNERS PRO
 2101 PACIFIC
 SAN FRANCISCO, CA 94115**

**Cortese S102423401
 N/A**

Site 1 of 2 in cluster EP

Relative:
 Higher

CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

Actual:
 235 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EP520 **2101 PACIFIC PARTNERS LTD PROP**
ESE **2101 PACIFIC AVE**
 > 1 **SAN FRANCISCO, CA 94115**
9824 ft.

LUST **S103879183**
 N/A

Site 2 of 2 in cluster EP

Relative:
Higher

State LUST:

Actual:
235 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0742
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/5/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/19/1992
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10436
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500645
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

2101 PACIFIC PARTNERS LTD PROP (Continued)

S103879183

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10436
Facility Id: 38-0742
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0742
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/19/92
Number of Wells: 0
Cross Street: LAGUNA ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/4/96
Closed Date: 3/5/96
Review Date: / /
Report Date: 10/19/92
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Remove Contents
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 10/19/92
Case Number: 10436
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

2101 PACIFIC PARTNERS LTD PROP (Continued)

S103879183

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 03/04/96
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 03/05/96
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LAGUNA ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 10/19/92 [leak]

**EM521
 ESE
 > 1
 9829 ft.**

**2333 BUCHANNAN ST.
 SAN FRANCISCO, CA**

**CHMIRS S105661490
 N/A**

Site 2 of 3 in cluster EM

**Relative:
 Higher**

CHMIRS:
 OES Control Number: 99-2252
 Chemical Name: Hydraulic Fluid
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported

**Actual:
 294 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S105661490

Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	99-2252
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	Not reported
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Other
Cleanup By :	Responsible Party
Containment :	Yes
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	5/26/199906:53:14 AM
Evacuations :	0
True date :	12/31/03
Year :	1999
Agency :	Spill Center, Inc.
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	0
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	2
Sheen :	0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105661490

Tons : 0
 Unknown : 0
 Description : The release occurred when a hydraulic hose on a vehicle burst during a delivery. The release was to the pavement only in a hospital parking lot. Cleanup has been completed.
 Incident date : 5/26/199912:00:00 AM
 Admin Agency : San Francisco County Health Department
 OES date : Not reported
 OES time : Not reported
 Amount : Not reported

EM522 CALIFORNIA PACIFIC MED CTR, PA
ESE 2333 BUCHANAN STREET
> 1 SAN FRANCISCO, CA 94115
9829 ft.

CHMIRS S100220277
EMI N/A

Site 3 of 3 in cluster EM

**Relative:
 Higher**

**Actual:
 294 ft.**

CHMIRS:
 OES Control Number: 9012283
 Chemical Name: Not reported
 Extent of Release: Not reported
 Property Use: Health Care
 Incident Date: 08-AUG-90
 Date Completed: 08-AUG-90
 Time Completed : 1830
 Agency Id Number : 38005
 Agency Incident Number : 01363
 OES Incident Number : 9012283
 Time Notified : 1728
 Surrounding Area : 300
 Estimated Temperature : 65
 Property Management : P
 More Than Two Substances Involved? : Not reported
 Special Studies 1 : Not reported
 Special Studies 2 : Not reported
 Special Studies 3 : Not reported
 Special Studies 4 : Not reported
 Special Studies 5 : Not reported
 Special Studies 6 : Not reported
 Responding Agency Personel # Of Injuries : 0
 Responding Agency Personel # Of Fatalities : 0
 Resp Agncy Personel # Of Decontaminated : 0
 Others Number Of Decontaminated : 0
 Others Number Of Injuries : 0
 Others Number Of Fatalities : 0
 Vehicle Make/year : Not reported
 Vehicle License Number : Not reported
 Vehicle State : Not reported
 Vehicle Id Number : Not reported
 CA/DOT/PUC/ICC Number : Not reported
 Company Name : Not reported
 Reporting Officer Name/ID : GUIDO COSTELLA I.D. #1377
 Report Date : 08-AUG-90
 Comments : Yes
 Facility Telephone Number : 415 861-8000
 Waterway Involved : Not reported
 Waterway : Not reported
 Spill Site : Not reported
 Cleanup By : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CALIFORNIA PACIFIC MED CTR, PA (Continued)

S100220277

Containment :	Not reported
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	Not reported
Evacuations :	Not reported
True date :	Not reported
Year :	88-92
Agency :	Not reported
BBLs :	Not reported
Cups :	Not reported
CUFT :	Not reported
Gallons :	Not reported
Grams :	Not reported
Pounds :	Not reported
Liters :	Not reported
Ounces :	Not reported
Pints :	Not reported
Quarts :	Not reported
Sheen :	Not reported
Tons :	Not reported
Unknown :	Not reported
Description :	Not reported
Incident date :	Not reported
Admin Agency :	Not reported
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported
EMISSIONS :	
Facility ID :	1700
Air District Code :	BA
SIC Code :	8062
Total Priority Score :	Not reported
Health Risk Assessment :	Not reported
Non-cancer Chronic Haz Index :	Not reported
Non-cancer Acute Haz Index :	Not reported
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	38
County ID :	38

EQ523 RESIDENTIAL APARTMENT
ESE 2226 BUSH ST
> 1 SAN FRANCISCO, CA 94115
9837 ft.

LUST S105688861
N/A

**Relative:
 Higher**

Site 1 of 5 in cluster EQ

State LUST:	
Cross Street:	Not reported
Qty Leaked:	0
Case Number	38-2140
Reg Board:	2
Chemical:	Heater Fuel

**Actual:
 154 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S105688861

Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 3/21/00 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 03/02/2000
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11354
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607505115
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EQ524 RESIDENTIAL
ESE 2226 BUSH ST
> 1 SAN FRANCISCO, CA 94115
9837 ft.

LUST S105627997
N/A

Relative:
Higher

Site 2 of 5 in cluster EQ

LUST San Francisco County:

Actual:
154 ft.

Facility ID: 02 100 023
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: Fillmre
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: Downtown Basin
 Enforcement Type: NOR
 Enforcement Due Date: 03/21/00
 NOR Date: 3/21/00
 Closed Date: 3/21/00
 Review Date: 03/21/00
 Report Date: 03/03/00
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 03/02/00
 How Discovered: Tank Closure
 Discovered Date: 03/02/00
 Case Number: 11354
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: 03/02/00
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Vilma Reising
 Entered Date: 03/21/00
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 03/02/00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL (Continued)

S105627997

Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 03/21/00
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Fillmre
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 2000
 TPH Date: 03/02/00
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

EQ525 G REISING AND COMPANY
ESE 2226 BUSH ST
> 1 SAN FRANCISCO, CA 94115
9837 ft.

HAZNET S104493223
LUST N/A

**Relative:
 Higher**

Site 3 of 5 in cluster EQ

**Actual:
 154 ft.**

LUST Region 2:
 Region: 2
 Case Number: 11354
 Facility Id: 38-2140
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

G REISING AND COMPANY (Continued)

S104493223

HAZNET:

Gepaid: CAC002291369
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 4.5077
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: G. REISING AND COMPANY
 Telephone: (415) 931-2529
 Mailing Address: 2226 BUSH ST
 SAN FRANCISCO, CA 94115
 County: San Francisco

EQ526
ESE
> 1
9857 ft.

PERFECT CLEANERS
1909 FILLMORE STREET
SAN FRANCISCO, CA 94115

CLEANERS **S105807960**
EMI **N/A**

Site 4 of 5 in cluster EQ

Relative:
Higher

CA Cleaners:

Actual:
162 ft.

Inactive Date: Not reported
 EPA Id: CAL000258161
 Facility Address 2 Not reported
 NAICS Code : 81232
 Facility Active : Yes
 Mail Name : Not reported
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115
 Owner Name : MEI CHAN
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115
 Owner Telephone 4157751638
 Contact Name : MEI CHAN
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115
 Contact Telephone 4157751638
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

Inactive Date: Not reported
 EPA Id: CAL000258161
 Facility Address 2 Not reported
 NAICS Code : 81232
 Facility Active : Yes
 Mail Name : Not reported
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115
 Owner Name : MEI CHAN
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115
 Owner Telephone 4157751638
 Contact Name : MEI CHAN
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115
 Contact Telephone 4157751638
 Contact Fax : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PERFECT CLEANERS (Continued)

S105807960

Contact Email : Not reported
 Region Code : 2

Inactive Date: Not reported
 EPA Id: CAL000258161
 Facility Address 2 Not reported
 NAICS Code : 81232
 Facility Active : Yes
 Mail Name : Not reported
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115

Owner Name : MEI CHAN
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115

Owner Telephone 4157751638
 Contact Name : MEI CHAN
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115

Contact Telephone 4157751638
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

Inactive Date: Not reported
 EPA Id: CAL000258161
 Facility Address 2 Not reported
 NAICS Code : 81232
 Facility Active : Yes
 Mail Name : Not reported
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115

Owner Name : MEI CHAN
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115

Owner Telephone 4157751638
 Contact Name : MEI CHAN
 Mailing Address: 1909 FILMORE ST
 SAN FRANCISCO, CA 94115

Contact Telephone 4157751638
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

EMISSIONS :

Facility ID :	7987
Air District Code :	BA
SIC Code :	7216
Total Priority Score :	Not reported
Health Risk Assessment :	Not reported
Non-cancer Chronic Haz Index :	Not reported
Non-cancer Acute Haz Index :	Not reported
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	38
County ID :	38

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EK527
ESE
 > 1
 9874 ft.

RESIDENTIAL BUILDING
2295 CALIFORNIA STREET
SAN FRANCISCO, CA 94115

LUST **S105194390**
 N/A

Site 2 of 3 in cluster EK

Relative:
Higher

State LUST:

Actual:
218 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1030
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/19/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 03/08/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10984
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500923
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL BUILDING (Continued)

S105194390

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10984
Facility Id: 38-1030
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1030
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 2/27/98
Number of Wells: Not reported
Cross Street: WEBSTER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 6/5/98
Closed Date: 6/19/98
Review Date: / /
Report Date: 02/27/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 02/27/98
How Discovered: Tank Closure
Discovered Date: 03/08/98
Case Number: 10984
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL BUILDING (Continued)

S105194390

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 06/05/98
 Facility Staff: SC
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/19/98
 Abatement: Excavate and Treat soil. (e.g. aeration, biodegradation, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: WEBSTER ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

EK528 RESIDENTIAL BUILDING
ESE 2295 CALIFORNIA ST
> 1 SAN FRANCISCO, CA 94115
9874 ft.
 Relative:
 Higher
 Actual:
 218 ft.

HAZNET S103989221
Cortese N/A

Site 3 of 3 in cluster EK

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL BUILDING (Continued)

S103989221

HAZNET:

Gepaid: CAC001401040
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 10.2165
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: STANLEY KHABAN
 Telephone: (000) 000-0000
 Mailing Address: 110 CLARIENDON AVE
 SAN FRANCISCO, CA 94114
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 2295 CALIFORNIA ST

**ER529
 SE
 > 1
 9879 ft.**

**BENJAMIN FRANKLIN MIDDLE SCH.
 1430 SCOTT STREET
 SAN FRANCISCO, CA 94115**

**LUST U003747128
 N/A**

Site 1 of 2 in cluster ER

**Relative:
 Higher**

State LUST:

**Actual:
 141 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1205
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/9/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 10/08/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11059
 Beneficial: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BENJAMIN FRANKLIN MIDDLE SCH. (Continued)

U003747128

Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501090
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11059
Facility Id: 38-1205
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1205
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 10/8/98
Number of Wells: Not reported
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Downtown Basin
Enforcement Type: NOR

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BENJAMIN FRANKLIN MIDDLE SCH. (Continued)

U003747128

Enforcement Due Date: / /
NOR Date: 10/15/98
Closed Date: 7/9/99
Review Date / /
Report Date 10/08/98
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 10/08/98
Case Number: 11059
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Bruce Giannini,
RP Address: Not reported
Operator: Not reported
Entered Date: 10/15/98
Facility Staff: SC
Facility Status: 9
Funding: R
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 10/15/98
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 07/09/99
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Not reported
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BENJAMIN FRANKLIN MIDDLE SCH. (Continued)

U003747128

MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**ER530
 SE
 > 1
 9879 ft.**

**BEN AMIN FRANKLIN MIDDLE
 1430 SCOTT
 SAN FRANCISCO, CA 94115**

**HAZNET S103630523
 Cortese N/A**

Site 2 of 2 in cluster ER

**Relative:
 Higher**

HAZNET:

**Actual:
 141 ft.**

Gepaid: CAD982337644
 TSD EPA ID: CAL000027741
 Gen County: San Francisco
 Tsd County: 5
 Tons: 1.2642
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: SAN FRANCISCO UNIFIED SCH DIST
 Telephone: (415) 242-2549
 Mailing Address: 1351-42ND AVENUE, ROOM 102
 SAN FRANCISCO, CA 94122 - 1210
 County San Francisco

Gepaid: CAD982337644
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 6.2550
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: SAN FRANCISCO UNIFIED SCH DIST
 Telephone: (415) 242-2549
 Mailing Address: 1351-42ND AVENUE, ROOM 102
 SAN FRANCISCO, CA 94122 - 1210
 County San Francisco

Gepaid: CAD982337644
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: 1.2500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: SAN FRANCISCO UNIFIED SCH DIST
 Telephone: (415) 242-2549
 Mailing Address: 1351-42ND AVENUE, ROOM 102
 SAN FRANCISCO, CA 94122 - 1210
 County San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BEN AMIN FRANKLIN MIDDLE (Continued)

S103630523

Gepaid: CAD982337644
 TSD EPA ID: CAD982042475
 Gen County: San Francisco
 Tsd County: Solano
 Tons: 29.4980
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: SAN FRANCISCO UNIFIED SCH DIST
 Telephone: (415) 242-2549
 Mailing Address: 1351-42ND AVENUE, ROOM 102
 SAN FRANCISCO, CA 94122 - 1210
 County San Francisco

Gepaid: CAD982337644
 TSD EPA ID: CAL000027741
 Gen County: San Francisco
 Tsd County: 5
 Tons: .2107
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: SAN FRANCISCO UNIFIED SCH DIST
 Telephone: (415) 242-2549
 Mailing Address: 1351-42ND AVENUE, ROOM 102
 SAN FRANCISCO, CA 94122 - 1210
 County San Francisco

[Click this hyperlink](#) while viewing on your computer to access
 7 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

**ES531
 SE
 > 1
 9896 ft.**

**1325 DIVISADERO STREET CONDOS
 1325 DIVISADERO STREET
 SAN FRANCISCO, CA 94115**

**LUST S104025412
 N/A**

Site 1 of 3 in cluster ES

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1403
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/9/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 07/09/1999
 Enforcement Dt : Not reported

**Actual:
 167 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

1325 DIVISADERO STREET CONDOS (Continued)

S104025412

Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11267
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501287
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11267
Facility Id: 38-1403
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1403
Region: SAN FRANCISCO
Notify: False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

1325 DIVISADERO STREET CONDOS (Continued)

S104025412

Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 7/9/99
Number of Wells: 0
Cross Street: Ellis Street
Free Product: no
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: 08/05/99
NOR Date: 7/29/99
Closed Date: 9/9/99
Review Date: 08/31/99
Report Date: 07/09/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 07/09/99
How Discovered: Tank Closure
Discovered Date: 07/09/99
Case Number: 11267
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 07/09/99
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: RP
Entered Date: 07/29/99
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/09/99
Abatement: No Action Required

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

1325 DIVISADERO STREET CONDOS (Continued)

S104025412

CUFID: Not reported
 Beneficial Use: No
 Suspended: Not reported
 Program: LOP
 Cross Street: Ellis Street
 Benzene Test: ND
 TPH Tested: ND
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: 07/09/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**ES532
 SE
 > 1
 9896 ft.**

**1325 DIVISADERO ST CONDOS
 1325 DIVISADERO ST
 SAN FRANCISCO, CA 94115**

**HAZNET S104565444
 Cortese N/A**

Site 2 of 3 in cluster ES

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001088328
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 6.255
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: DIVISADERO HOMEOWNERS ASSOC
 Telephone: (000) 000-0000
 Mailing Address: 1325 DIVISADERO ST, #305
 SAN FRANCISCO, CA 94115
 County: San Francisco

**Actual:
 167 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 1325 DIVISADERO ST

**533
 SW
 > 1
 9899 ft.**

**REGENT CLEANERS
 301 28TH AVENUE
 SAN FRANCISCO, CA 94121**

**RCRIS-SQG 1000208651
 FINDS CAD981979180
 HAZNET
 CLEANERS
 EMI**

**Relative:
 Higher**

**Actual:
 152 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

REGENT CLEANERS (Continued)

1000208651

RCRIS:

Owner: LO THOMAS
(415) 555-1212
EPA ID: CAD981979180
Contact: ENVIRONMENTAL MANAGER
(415) 981-3465
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
National Emissions Inventory
National Emissions Trends
National Toxics Inventory
Resource Conservation and Recovery Act Information system

CA Cleaners:

Inactive Date: Not reported
EPA Id: CAD981979180
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Owner Name : REGENT CLEANERS INC
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Owner Telephone 0000000000
Contact Name : THOMAS LO/PRESIDENT
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Contact Telephone 4152213236
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAD981979180
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Owner Name : REGENT CLEANERS INC
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Owner Telephone 0000000000
Contact Name : THOMAS LO/PRESIDENT
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Contact Telephone 4152213236
Contact Fax : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

REGENT CLEANERS (Continued)

1000208651

Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAD981979180
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Owner Name : REGENT CLEANERS INC
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Owner Telephone 0000000000
Contact Name : THOMAS LO/PRESIDENT
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Contact Telephone 4152213236
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAD981979180
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Owner Name : REGENT CLEANERS INC
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Owner Telephone 0000000000
Contact Name : THOMAS LO/PRESIDENT
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121
Contact Telephone 4152213236
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

HAZNET:

Gepaid: CAD981979180
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: 1.2600
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: REGENT CLEANERS INC
Telephone: (000) 000-0000
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121 - 1803
County San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

REGENT CLEANERS (Continued)

1000208651

Gepaid: CAD981979180
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .0675
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Contact: REGENT CLEANERS INC
Telephone: (000) 000-0000
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121 - 1803
County San Francisco

Gepaid: CAD981979180
TSD EPA ID: CA0000084517
Gen County: San Francisco
Tsd County: Sacramento
Tons: .4800
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: REGENT CLEANERS INC
Telephone: (000) 000-0000
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121 - 1803
County San Francisco

Gepaid: CAD981979180
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: 1.4925
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: REGENT CLEANERS INC
Telephone: (000) 000-0000
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121 - 1803
County San Francisco

Gepaid: CAD981979180
TSD EPA ID: Not reported
Gen County: San Francisco
Tsd County: Sacramento
Tons: 0.24
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: THOMAS LO/PRESIDENT
Telephone: (415) 221-3236
Mailing Address: 301 28TH AVE
SAN FRANCISCO, CA 94121 - 1803
County Not reported

[Click this hyperlink](#) while viewing on your computer to access 12 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :
Facility ID : 4584
Air District Code : BA
SIC Code : 7216

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

REGENT CLEANERS (Continued)

1000208651

Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

ET534
East
> 1
9926 ft.

RESIDENTIAL PROPERTY
1618 LOMBARD ST
SAN FRANCISCO, CA 94123

HAZNET **S103634122**
Cortese **N/A**

Site 1 of 4 in cluster ET

Relative:
Lower

Actual:
53 ft.

HAZNET:
 Gepaid: CAC001260792
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Not reported
 Contact: JACK KLEIN
 Telephone: (000) 000-0000
 Mailing Address: PO BOX 508
 BURLINGAME, CA 94011 - 0508
 County San Francisco

 Gepaid: CAC001260792
 TSD EPA ID: CAL000048571
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: .6255
 Waste Category: Waste oil and mixed oil
 Disposal Method: Not reported
 Contact: JACK KLEIN
 Telephone: (000) 000-0000
 Mailing Address: PO BOX 508
 BURLINGAME, CA 94011 - 0508
 County San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 1618 LOMBARD ST

ET535
East
> 1
9926 ft.

RESIDENCE
1618 LOMBARD STREET
SAN FRANCISCO, CA 94123

LUST **S105027785**
N/A

Site 2 of 4 in cluster ET

Relative:
Lower

Actual:
53 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1076
 Reg Board: 2

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105027785

Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/9/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/05/1997
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 10861
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : 0.005 Parts per Million
 Soil Qualifier : <
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500969
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

LUST Region 2:
 Region: 2
 Case Number: 10861
 Facility Id: 38-1076
 Facility Status: Case Closed

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105027785

How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1076
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 5/5/97
Number of Wells: Not reported
Cross Street: GOUGH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: YES
Benzene: Not reported
Depth to Groundwater: 13.5 Feet
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/2/97
Closed Date: 12/9/99
Review Date: 11/18/99
Report Date: 05/05/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 04/29/97
How Discovered: Tank Closure
Discovered Date: 05/05/97
Case Number: 10861
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: 1500
Interim Remediation: N
Maximum MTBE Soil: 0.005
Maximum MTBE GW: 0.001
MTBE DATE: 10/08/99
Max Soil Concentration: 0.013
Maximum Soil GW: 0.001
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105027785

Entered Date: 09/02/97
 Facility Staff: MA
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 09/02/97
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 12/09/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: GOUGH ST
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: 5,300
 Max TPH Soil: 6,300
 TPH Date: 10/08/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: <
 Comments: Not reported
 Summary: Not reported

EQ536 OLYMPIAN OIL COMPANY
ESE 2201 BUSH ST
> 1 SAN FRANCISCO, CA
9932 ft.

LUST S102434674
Cortese N/A

Site 5 of 5 in cluster EQ

**Relative:
 Higher**

**Actual:
 158 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0222
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 4/19/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OLYMPIAN OIL COMPANY (Continued)

S102434674

Discover Date : 08/31/1988
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 10397
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500190
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10397
Facility Id: 38-0222
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0222

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OLYMPIAN OIL COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102434674

Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.787057 / 122.432438
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/6/88
Number of Wells: 0
Cross Street: FILLMORE ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE & HEATING
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/23/95
Closed Date: 4/19/95
Review Date: / /
Report Date: 09/06/88
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 01/17/89
How Discovered: Tank Closure
Discovered Date: 08/31/88
Case Number: 10397
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 03/23/95
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

OLYMPIAN OIL COMPANY (Continued)

S102434674

Case Closed: 04/19/95
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: FILLMORE ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 2201 BUSH ST

**EU537
 SW
 > 1
 9950 ft.**

**COMMERCIAL
 2535 CLEMENT ST
 SAN FRANCISCO, CA 94121**

**HAZNET S103966405
 Cortese N/A**

Site 1 of 2 in cluster EU

**Relative:
 Higher
 Actual:
 143 ft.**

HAZNET:
 Gepaid: CAC001398872
 TSD EPA ID: CAD009466392
 Gen County: San Francisco
 Tsd County: 7
 Tons: .3000
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: GOODWIN FAMILY TRUST
 Telephone: (415) 731-9350
 Mailing Address: 1901 LAWTON ST
 SAN FRANCISCO, CA 94122
 County: San Francisco

Gepaid: CAC001398872
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: .2293
 Waste Category: Waste oil and mixed oil
 Disposal Method: Transfer Station
 Contact: GOODWIN FAMILY TRUST
 Telephone: (415) 731-9350
 Mailing Address: 1901 LAWTON ST
 SAN FRANCISCO, CA 94122
 County: San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

COMMERCIAL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

CORTESE:
 Region: CORTESE
 Fac Address 2: 2535 CLEMENT ST

S103966405

**EU538
 SW
 > 1
 9950 ft.**

**COMMERCIAL
 2535 CLEMENT STREET
 SAN FRANCISCO, CA 94121**

**LUST S105244859
 EMI N/A**

Site 2 of 2 in cluster EU

**Relative:
 Higher**

State LUST:

**Actual:
 143 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1281	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	4/19/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	10/29/1998		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	11166		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501166		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COMMERCIAL (Continued)

S105244859

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11166
Facility Id: 38-1281
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1281
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 11/4/98
Number of Wells: 0
Cross Street: 26TH AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Islais Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/16/99
Closed Date: 4/19/99
Review Date: / /
Report Date: 11/04/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 10/29/98
How Discovered: Tank Closure
Discovered Date: 10/29/98
Case Number: 11166
Staff Initial: VP

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

COMMERCIAL (Continued)

S105244859

Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: George Goodwin
RP Address: Not reported
Operator: Not reported
Entered Date: 02/16/99
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/16/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 04/19/99
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: 26TH AVE
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

EMISSIONS :

Facility ID : 3714
Air District Code : BA
SIC Code : 7532
Total Priority Score : Not reported
Health Risk Assessment : Not reported
Non-cancer Chronic Haz Index : Not reported
Non-cancer Acute Haz Index : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

COMMERCIAL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

S105244859

EV539
East
> 1
9956 ft.

COMMERCIAL PROPERTY
1763 UNION ST
SAN FRANCISCO, CA 94123

LUST S105688831
N/A

Site 1 of 3 in cluster EV

Relative:
Lower

State LUST:

Actual:
81 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-2086	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	7/31/01 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/02/2001		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11460		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

COMMERCIAL PROPERTY (Continued)

S105688831

RP Address: Not reported
 Global Id: T0607595028
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11460
 Facility Id: 38-2086
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

EV540
East
> 1
9956 ft.

COMMERCIAL
1763 UNION ST
SAN FRANCISCO, CA 94123

LUST S105627950
N/A

Site 2 of 3 in cluster EV

Relative:
Lower

LUST San Francisco County:

Actual:
81 ft.

Facility ID: 02 301 009
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: Gough
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: Not reported
 Basin: MARINA BASIN
 Enforcement Type: NOR
 Enforcement Due Date: 08/03/01
 NOR Date: Not reported
 Closed Date: Not reported
 Review Date: 09/26/01
 Report Date: 07/31/01
 Leak Source: Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COMMERCIAL (Continued)

S105627950

Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 05/02/01
How Discovered: Tank Closure
Discovered Date: 05/02/01
Case Number: 11460
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 05/02/01
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Peter and Linda
Entered Date: 08/03/01
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 05/02/01
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/27/01
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Gough
Benzene Test: ND
TPH Tested: ND
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: 05/02/01
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 9/27/01 site

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ES541 TOSCO 76
SE 1301 DIVISADERO ST
> 1 SAN FRANCISCO, CA 94115
9966 ft.

LUST S104241998
Cortese N/A

Site 3 of 3 in cluster ES

**Relative:
 Higher**

State LUST:

**Actual:
 170 ft.**

Cross Street:	Not reported	Confirm Leak:	11/15/99 0:00
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-1582	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Leak being confirmed		
Review Date:	11/15/99 0:00		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	06/15/1999		
Cleanup Fund Id :	Not reported		
Discover Date :	06/15/1999		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	MA		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Low priority. Priority ranking can change over time.		
Local Case # :	11328		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	6 Parts per Million		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501364		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TOSCO 76 (Continued)

S104241998

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11328
Facility Id: 38-1582
Facility Status: Leak being confirmed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: 11/15/1999
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1582
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Ellis
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: YES
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: 12/16/99
NOR Date: 12/16/99
Closed Date: Not reported
Review Date: / /
Report Date: 11/15/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 06/15/99
How Discovered: Tank Closure
Discovered Date: 06/15/99
Case Number: 11328
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: 6
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TOSCO 76 (Continued)

S104241998

MTBE DATE: 10/09/98
 Max Soil Concentration: 0.072
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: David DeWitt
 Entered Date: 12/16/99
 Facility Staff: MA
 Facility Status: 1
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 06/15/99
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: / /
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Ellis
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 9.1
 TPH Date: 10/09/98
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 1301 Divisadero St

**EN542
 SW
 > 1
 9970 ft.**

**RESIDENCE
 710 EL CAMINO DEL MAR
 SAN FRANCISCO, CA**

**LUST S105248114
 Cortese N/A**

Site 2 of 2 in cluster EN

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0613

**Actual:
 145 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248114

Reg Board:	2	Confirm Leak:	Not reported
Chemical:	Diesel	Prelim Assess:	Not reported
Lead Agency:	Local Agency	Remed Plan:	Not reported
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	9/11/96 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	04/06/1995		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	SC		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	10683		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500534		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:
 Region: 2
 Case Number: 10683
 Facility Id: 38-0613

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248114

Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0613
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.7864 / 122.4908
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/5/95
Number of Wells: 0
Cross Street: 30TH AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Lobos Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/30/96
Closed Date: 9/11/96
Review Date: / /
Report Date: 05/05/95
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 12/02/94
How Discovered: Tank Closure
Discovered Date: 04/06/95
Case Number: 10683
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248114

Operator: Not reported
 Entered Date: 08/30/96
 Facility Staff: SC
 Facility Status: 9
 Funding: Not reported
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 01/30/96
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/11/96
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: 30TH AVE
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 710 EL CAMINO DEL MAR

EO543
East
> 1
9970 ft.

RESIDENCE
3055 GOUGH ST
SAN FRANCISCO, CA 94123

LUST S105248067
Cortese N/A

Relative:
Lower

Site 2 of 2 in cluster EO

Actual:
58 ft.

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0909
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248067

Remed Action: Not reported
Monitoring: Not reported
Close Date: 6/6/97 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 05/12/1997
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 10824
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500804
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10824
Facility Id: 38-0909
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248067

Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0909
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/10/97
Number of Wells: 0
Cross Street: CHESTNUT ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/28/97
Closed Date: 6/6/97
Review Date: / /
Report Date: 04/10/97
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 04/10/97
How Discovered: Tank Closure
Discovered Date: 05/12/97
Case Number: 10824
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/28/97
Facility Staff: SC
Facility Status: 9
Funding: Not reported
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248067

Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 06/06/97
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: CHESTNUT ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

CORTESE:

Region: CORTESE
Fac Address 2: 3055 GOUGH ST

ET544
East
> 1
9974 ft.

GOLDEN HANGER CLEANERS
1611 LOMBARD STREET
SAN FRANCISCO, CA 94123

FINDS 1005773880
CLEANERS 110010469144
EMI

Site 3 of 4 in cluster ET

Relative:
Lower

FINDS:
Other Pertinent Environmental Activity Identified at Site:
National Emissions Inventory
National Emissions Trends
National Toxics Inventory

Actual:
55 ft.

CA Cleaners:
Inactive Date: 6/30/2001
EPA Id: CAL000029317
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : No
Mail Name : Not reported
Mailing Address: 1611 LOMBARD ST
SAN FRANCISCO, CA 94123
Owner Name : CHAN RAYMOND
Mailing Address: 1611 LOMBARD STREET
SAN FRANCISCO, CA 94123
Owner Telephone 4159281288
Contact Name : RAYMOND CHAN/OWNER
Mailing Address: 1611 LOMBARD STREET
SAN FRANCISCO, CA 94123
Contact Telephone 4159281288

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GOLDEN HANGER CLEANERS (Continued)

1005773880

Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: 6/30/2001
EPA Id: CAL000029317
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : No
Mail Name : Not reported
Mailing Address: 1611 LOMBARD ST
SAN FRANCISCO, CA 94123

Owner Name : CHAN RAYMOND
Mailing Address: 1611 LOMBARD STREET
SAN FRANCISCO, CA 94123

Owner Telephone 4159281288
Contact Name : RAYMOND CHAN/OWNER
Mailing Address: 1611 LOMBARD STREET
SAN FRANCISCO, CA 94123

Contact Telephone 4159281288
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: 6/30/2001
EPA Id: CAL000029317
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : No
Mail Name : Not reported
Mailing Address: 1611 LOMBARD ST
SAN FRANCISCO, CA 94123

Owner Name : CHAN RAYMOND
Mailing Address: 1611 LOMBARD STREET
SAN FRANCISCO, CA 94123

Owner Telephone 4159281288
Contact Name : RAYMOND CHAN/OWNER
Mailing Address: 1611 LOMBARD STREET
SAN FRANCISCO, CA 94123

Contact Telephone 4159281288
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: 6/30/2001
EPA Id: CAL000029317
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : No
Mail Name : Not reported
Mailing Address: 1611 LOMBARD ST
SAN FRANCISCO, CA 94123

Owner Name : CHAN RAYMOND
Mailing Address: 1611 LOMBARD STREET
SAN FRANCISCO, CA 94123

Owner Telephone 4159281288
Contact Name : RAYMOND CHAN/OWNER

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GOLDEN HANGER CLEANERS (Continued)

1005773880

Mailing Address: 1611 LOMBARD STREET
 SAN FRANCISCO, CA 94123

Contact Telephone: 4159281288
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

EMISSIONS :

Facility ID : 12912
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

Facility ID : 8324
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

EW545 ESCOBOSA PROPERTY
ESE 2100 JACKSON STREET
> 1 SAN FRANCISCO, CA 94115
9983 ft.

LUST S102429269
N/A

Site 1 of 5 in cluster EW

**Relative:
 Higher**

State LUST:

**Actual:
 284 ft.**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number	38-0798	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Heater Fuel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	7/19/96 0:00		
Release Date:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ESCOBOSA PROPERTY (Continued)

S102429269

Cleanup Fund Id : Not reported
 Discover Date : 01/26/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10658
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500695
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region:	2
Case Number:	10658
Facility Id:	38-0798
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

LUST San Francisco County:

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ESCOBOSA PROPERTY (Continued)

S102429269

Facility ID: 38 0798
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 4/18/96
Number of Wells: 0
Cross Street: LAGUNA ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: 1
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 7/10/96
Closed Date: 7/19/96
Review Date: / /
Report Date: 04/18/96
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 01/04/96
How Discovered: Tank Closure
Discovered Date: 01/26/96
Case Number: 10658
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 07/10/96
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 07/10/96
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ESCOBOSA PROPERTY (Continued)

S102429269

Monitoring Begun: Not reported
 Case Closed: 07/19/96
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LAGUNA ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

EW546 ESCOBOSA PROPERTY
ESE 2100 JACKSON ST
> 1 SAN FRANCISCO, CA 94115
9983 ft.

HAZNET S102429268
Cortese N/A

**Relative:
 Higher**

Site 2 of 5 in cluster EW

**Actual:
 284 ft.**

HAZNET:
 Gepaid: CAC000755208
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: 3.5445
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: PAUL ESCOBOSA
 Telephone: (000) 000-0000
 Mailing Address: 222 KEARNY ST, 7TH FL
 SAN FRANCISCO, CA 94108 - 4510
 County San Francisco
 Gepaid: CAC000755208
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: PAUL ESCOBOSA
 Telephone: (000) 000-0000
 Mailing Address: 222 KEARNY ST, 7TH FL
 SAN FRANCISCO, CA 94108 - 4510
 County San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ESCOBOSA PROPERTY (Continued)

S102429268

Gepaid: CAC000755208
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: .6255
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: PAUL ESCOBOSA
 Telephone: (000) 000-0000
 Mailing Address: 222 KEARNY ST, 7TH FL
 SAN FRANCISCO, CA 94108 - 4510
 County San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 2100 JACKSON ST

547
East
> 1
9989 ft.

WAGNER S AUTO BODY & REPAIR
1776 GREEN STREET
SAN FRANCISCO, CA 94123

FINDS 1006823675
EMI 110013822453

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory

Actual:
98 ft.

EMISSIONS :
 Facility ID : 11460
 Air District Code : BA
 SIC Code : 7532
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

ET548
East
> 1
10021 ft.

ARCO
1599 LOMBARD ST
SAN FRANCISCO, CA

LUST S101308321
Cortese N/A

Relative:
Lower

Site 4 of 4 in cluster ET

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0016
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Other ground water affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO (Continued)

S101308321

Remed Plan: Not reported

Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/17/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/16/1987
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : 10116
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500016
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region:	2
Case Number:	10116
Facility Id:	38-0016
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO (Continued)

S101308321

Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0016
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.800931 / 122.426448
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 9/16/97
Number of Wells: 0
Cross Street: GOUGH ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: GASOLINE
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: 01/11/94
NOR Date: 1/11/94
Closed Date: 6/17/99
Review Date: / /
Report Date: 09/16/97
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 03/02/87
How Discovered: Tank Closure
Discovered Date: 09/16/87
Case Number: 10116
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 01/11/94
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO (Continued)

S101308321

Assessment Underway: 12/3/87
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/17/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: GOUGH ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 1599 LOMBARD ST

EX549
SSE
 > 1
 10076 ft.

RESIDENTIAL APARTMENT
2243 FULTON
SAN FRANCISCO, CA 94117

Cortese S103890764
N/A

Site 1 of 4 in cluster EX

Relative:
Higher

CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

Actual:
329 ft.

EX550
SSE
 > 1
 10076 ft.

RESIDENTIAL APT.
2243 FULTON STREET
SAN FRANCISCO, CA 0

LUST S104657197
N/A

Site 2 of 4 in cluster EX

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1352
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported

Actual:
329 ft.

Confirm Leak: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657197

Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	5/26/99 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/11/1999		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	11227		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607501237		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	11227
Facility Id:	38-1352
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657197

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1352
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/13/99
Number of Wells: Not reported
Cross Street: SHRADER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Westside Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/25/99
Closed Date: 5/26/99
Review Date: / /
Report Date: 05/13/99
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Close Tank
Stopped Date: 05/11/99
How Discovered: Tank Closure
Discovered Date: 05/11/99
Case Number: 11227
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Catholic Health
RP Address: Not reported
Operator: Not reported
Entered Date: 05/25/99
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 05/25/99

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657197

Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 05/26/99
 Abatement: No Action Required
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: SHRADER ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 1500 gallon UST

**EX551
 SSE
 > 1
 10079 ft.**

**RESIDENTIAL APT.S
 2237 FULTON STREET
 SAN FRANCISCO, CA 0**

**LUST S104657196
 N/A**

Site 3 of 4 in cluster EX

**Relative:
 Higher**

State LUST:

**Actual:
 330 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1351
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/26/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/11/1999
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT.S (Continued)

S104657196

How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11224
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501236
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11224
Facility Id: 38-1351
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1351
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/11/99

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT.S (Continued)

S104657196

Number of Wells:	Not reported
Cross Street:	SHRADER ST
Free Product:	No
Amount of Free Produce:	Not reported
MTBE:	NRQ
Benzene:	Not reported
Depth to Groundwater:	Not reported
Gradient:	Not reported
Primary Substance:	FUEL OILS NOS. 1
Basin:	Downtown Basin
Enforcement Type:	NOR
Enforcement Due Date:	/ /
NOR Date:	5/13/99
Closed Date:	5/26/99
Review Date:	/ /
Report Date:	05/11/99
Leak Source:	Unknown
Leak Cause:	Unknown
How Stopped:	Close Tank
Stopped Date:	05/11/99
How Discovered:	Tank Closure
Discovered Date:	05/11/99
Case Number:	11224
Staff Initial:	VP
Substance:	Heater Fuel
Substance Qty:	Not reported
Interim Remediation:	N
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	Not reported
Maximum Soil GW:	Not reported
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	1
Reg Board:	2
Responsible Party:	CATHOLIC
RP Address:	Not reported
Operator:	Not reported
Entered Date:	05/13/99
Facility Staff:	SC
Facility Status:	9
Funding:	Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	05/13/99
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Case Closed:	05/26/99
Abatement:	No Action Required
CUFID:	Not reported
Beneficial Use:	No
Suspended:	No
Program:	LOP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT.S (Continued)

S104657196

Cross Street: SHRADER ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 2237 FULTON, JERRY

EX552
SSE
 > 1
 10079 ft.

RESIDENTIAL APARTMENT
2237 FULTON ST
SAN FRANCISCO, CA 94117

Cortese S103890765
N/A

Site 4 of 4 in cluster EX

Relative:
Higher

CORTESE:
 Region: CORTESE
 Fac Address 2: 2237 FULTON ST

Actual:
330 ft.

EY553
SE
 > 1
 10084 ft.

ROGERS PROPERTY
1995 TURK ST
SAN FRANCISCO, CA 94115

HAZNET S103639442
Cortese N/A

Site 1 of 2 in cluster EY

Relative:
Higher

HAZNET:
 Gepaid: CAC001368848
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 7.5060
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: JAY ROGERS
 Telephone: (415) 507-2170
 Mailing Address: 2633 OCEAN AVE
 SAN FRANCISCO, CA 94132
 County: San Francisco

Actual:
285 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 1995 TURK ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

EY554 **ROGERS PROPERTY**
SE **1995 TURK STREET**
> 1 **SAN FRANCISCO, CA 94115**
10084 ft.

LUST **S103177206**
N/A

Site 2 of 2 in cluster EY

Relative:
Higher

State LUST:

Actual:
285 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0993
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 3/4/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/16/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10933
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500886
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ROGERS PROPERTY (Continued)

S103177206

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10933
Facility Id: 38-0993
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0993
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 11/13/97
Number of Wells: Not reported
Cross Street: BAKER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/24/98
Closed Date: 3/4/98
Review Date: / /
Report Date: 11/13/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: / /
How Discovered: Tank Closure
Discovered Date: 01/16/98
Case Number: 10933
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ROGERS PROPERTY (Continued)

S103177206

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: JAY ROGERS
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 02/24/98
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 03/04/98
 Abatement: Excavate and Dispose (landfill) of soil
 Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BAKER ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 11/13/97 [leak]

EZ555
SSE
 > 1
 10138 ft.

RESIDENTIAL APARTMENT
416 STANYAN ST
SAN FRANCISCO, CA 94117

LUST S105688864
N/A

Site 1 of 5 in cluster EZ

Relative:
Higher

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2145
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency

Actual:
317 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S105688864

Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 4/6/00 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 03/30/2000
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: AL
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11359
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607535574
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EZ556 **CATHOLIC HEALTHCARE WEST**
SSE **416 STANYAN ST**
 > 1 **SAN FRANCISCO, CA 94117**
10138 ft.

HAZNET **S104493226**
LUST **N/A**

Site 2 of 5 in cluster EZ

Relative:
Higher

LUST Region 2:
 Region: 2
 Case Number: 11359
 Facility Id: 38-2145
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

Actual:
317 ft.

HAZNET:

Gepaid: CAC002282657
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.6179
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: CATHOLIC HEALTHCARE WEST
 Telephone: (602) 307-2286
 Mailing Address: 3033 N THIRD AVE
 PHOENIX, AZ 85013
 County: San Francisco

EZ557 **RESIDENTIAL**
SSE **416 STANYAN ST**
 > 1 **SAN FRANCISCO, CA 94117**
10138 ft.

LUST **S105628000**
N/A

Site 3 of 5 in cluster EZ

Relative:
Higher

LUST San Francisco County:
 Facility ID: 02 200 004
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: Fulton
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: Downtown Basin
 Enforcement Type: NOR

Actual:
317 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL (Continued)

S105628000

Enforcement Due Date: 04/06/00
 NOR Date: 4/6/00
 Closed Date: 4/6/00
 Review Date: 04/06/00
 Report Date: 03/30/00
 Leak Source: Tank
 Leak Cause: Corrosion
 How Stopped: Close Tank
 Stopped Date: 03/30/00
 How Discovered: Tank Closure
 Discovered Date: 03/30/00
 Case Number: 11359
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: 03/29/00
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 04/06/00
 Facility Staff: AL
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 03/30/00
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 04/06/00
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Fulton
 Benzene Test: ND
 TPH Tested: ND
 Max TPH GW: Not reported
 Max TPH Soil: ND
 TPH Date: 03/29/00
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENTIAL (Continued)

EDR ID Number
 EPA ID Number

S105628000

MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

FA558
SSE
 > 1
 10143 ft.

UNIVERSITY OF SAN FRANCIS
2130 FULTON
SAN FRANCISCO, CA 94117

HAZNET **S104732658**
Cortese **N/A**

Site 1 of 2 in cluster FA

Relative:
Higher

HAZNET:
 Gepaid: CAC000914024
 TSD EPA ID: CAL000048571
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: .6255
 Waste Category:
 Disposal Method: Recycler
 Contact: UNIVERSITY OF SAN FRAN
 Telephone: (000) 000-0000
 Mailing Address: 2130 FULTON ST
 SAN FRANCISCO, CA 94117
 County: San Francisco

Actual:
333 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

 Region: CORTESE
 Fac Address 2: Not reported

FA559
SSE
 > 1
 10143 ft.

UNIVERSITY OF SAN
2130 FULTON STREET
SAN FRANCISCO, CA 94117

LUST **1006013826**
N/A

Site 2 of 2 in cluster FA

Relative:
Higher

LUST San Francisco County:
 Facility ID: 38 1329
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Unranked by RWQCB
 Case Type: Soil only
 Release Date: 6/24/98
 Number of Wells: Not reported
 Cross Street: PARKER ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NRQ
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: FUEL OILS NOS. 1
 Basin: Downtown Basin
 Enforcement Type: NOR
 Enforcement Due Date: / /

Actual:
333 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNIVERSITY OF SAN (Continued)

1006013826

NOR Date: 1/27/99
Closed Date: 3/2/99
Review Date: / /
Report Date: 06/24/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 06/24/98
How Discovered: Not reported
Discovered Date: 06/24/98
Case Number: 11146
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Russel Shearer
RP Address: Not reported
Operator: Not reported
Entered Date: 01/27/99
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 03/02/99
Abatement: Excavate and Dispose (landfill) of soil
CUFID: 0
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: PARKER ST
Benzene Test: ND
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNIVERSITY OF SAN (Continued)

1006013826

Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 3000 GALLON DIESEL

Facility ID: 38 0977
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Other ground water affected
Release Date: 7/15/97
Number of Wells: 0
Cross Street: PARKER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Westside Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 1/13/98
Closed Date: 1/22/98
Review Date: / /
Report Date: 07/15/97
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Close Tank
Stopped Date: 07/11/97
How Discovered: Tank Closure
Discovered Date: 09/18/97
Case Number: 10906
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: UNIVERSITY OF SAN
RP Address: Not reported
Operator: Not reported
Entered Date: 01/13/98
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNIVERSITY OF SAN (Continued)

1006013826

Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 01/22/98
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: PARKER ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

**FB560
 ESE
 > 1
 10146 ft.**

**RESIDENTIAL APT.
 2155 BUCHANAN STREET
 SAN FRANCISCO, CA 94115**

**LUST S104657148
 N/A**

Site 1 of 4 in cluster FB

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1168
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/8/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 07/12/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported

**Actual:
 275 ft.**

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657148

How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11034
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501056
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11034
Facility Id: 38-1168
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1168
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 7/20/98
Number of Wells: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657148

Cross Street: SACRAMENTO ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 9/4/98
Closed Date: 9/8/98
Review Date: / /
Report Date: 07/20/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 07/12/98
How Discovered: Tank Closure
Discovered Date: 07/12/98
Case Number: 11034
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Jean Lee
RP Address: Not reported
Operator: Not reported
Entered Date: 09/04/98
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/08/98
Abatement: No Action Required
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: SACRAMENTO ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657148

Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: heating oil

FB561
ESE
 > 1
 10146 ft.

RESIDENTIAL APARTMENT
2155 BUCHANAN ST
SAN FRANCISCO, CA 94115

HAZNET S103947935
Cortese N/A

Site 2 of 4 in cluster FB

Relative:
Higher

HAZNET:
 Gepaid: CAC001415176
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 2.0850
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: 2155 BUCHANAN HOA
 Telephone: (000) 000-0000
 Mailing Address: 2155 BUCHANAN ST #7
 SAN FRANCISCO, CA 94115
 County San Francisco

Actual:
275 ft.

CORTESE:
 Region: CORTESE
 Fac Address 2: 2155 BUCHANAN ST

562
South
 > 1
 10158 ft.

FULTON FARBICARE CENTER
2900 FULTON STREET
SAN FRANCISCO, CA 94119

FINDS 1004440448
EMI 110001182577

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 National Emissions Inventory
 National Emissions Trends
 National Toxics Inventory

Actual:
246 ft.

EMISSIONS :
 Facility ID : 11497
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

FULTON FARBICARE CENTER (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1004440448

Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

**FC563
 SSE
 > 1
 10158 ft.**

**MASONIC AUTO SERVICE
 500 MASONIC AVE
 SAN FRANCISCO, CA 94117**

**HAZNET S104732768
 LUST N/A
 Cortese**

Site 1 of 2 in cluster FC

**Relative:
 Higher**

State LUST:

**Actual:
 254 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1379
 Reg Board: 2
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 6/24/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 12/30/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11231
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MASONIC AUTO SERVICE (Continued)

S104732768

RP Address: Not reported
Global Id: T0607501264
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11231
Facility Id: 38-1379
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1379
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 12/30/98
Number of Wells: Not reported
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: USED OIL (WASTE)
Basin: Westside Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 6/2/99
Closed Date: 6/24/99
Review Date: / /
Report Date: 12/30/98
Leak Source: Other Source
Leak Cause: Overfill
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 12/30/98

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MASONIC AUTO SERVICE (Continued)

S104732768

Case Number: 11231
Staff Initial: VP
Substance: Waste Oil
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: 0.023
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Jim Sung
RP Address: Not reported
Operator: Not reported
Entered Date: 06/02/99
Facility Staff: AL
Facility Status: 9
Funding: R
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 06/02/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 06/24/99
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: Yes
Suspended: No
Program: LOP
Cross Street: Not reported
Benzene Test: YES
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: case closed. 262

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MASONIC AUTO SERVICE (Continued)

S104732768

HAZNET:

Gepaid: CAL000128205
TSD EPA ID: CAD009466392
Gen County: San Francisco
Tsd County: 7
Tons: 11.1250
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: KIN CHAN & VAHID HASEMI
Telephone: (415) 928-6165
Mailing Address: 500 MASONIC AVE
SAN FRANCISCO, CA 94117 - 1224
County: San Francisco

Gepaid: CAL000128205
TSD EPA ID: CAL000161743
Gen County: San Francisco
Tsd County: Santa Clara
Tons: 3.3360
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: KIN CHAN & VAHID HASEMI
Telephone: (415) 928-6165
Mailing Address: 500 MASONIC AVE
SAN FRANCISCO, CA 94117 - 1224
County: San Francisco

Gepaid: CAL000128205
TSD EPA ID: CAT080013352
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .2293
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Contact: KIN CHAN & VAHID HASEMI
Telephone: (415) 928-6165
Mailing Address: 500 MASONIC AVE
SAN FRANCISCO, CA 94117 - 1224
County: San Francisco

Gepaid: CAL000128205
TSD EPA ID: CAD980818645
Gen County: San Francisco
Tsd County: Kern
Tons: .2293
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: KIN CHAN & VAHID HASEMI
Telephone: (415) 928-6165
Mailing Address: 500 MASONIC AVE
SAN FRANCISCO, CA 94117 - 1224
County: San Francisco

CORTESE:

Region: CORTESE
Fac Address 2: 500 MASONIC AVE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

EV564
East
> 1
10159 ft.

UNION FRENCH CLEANERS
1718 UNION STREET
SAN FRANCISCO, CA 94123

HAZNET
CLEANERS
EMI

1002848100
N/A

Site 3 of 3 in cluster EV

Relative:
Lower

CA Cleaners:

Actual:
81 ft.

Inactive Date: 6/30/2002
 EPA Id: CAL000029324
 Facility Address 2 Not reported
 NAICS Code : Not reported
 Facility Active : No
 Mail Name : Not reported
 Mailing Address: 1718 UNION ST
 SAN FRANCISCO, CA 94123
 Owner Name : YOUNG H KIM
 Mailing Address: 1718 UNION ST
 S F, CA 94123
 Owner Telephone 4159231212
 Contact Name : --
 Mailing Address: --
 --, 99 --
 Contact Telephone:-
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

Inactive Date: Not reported
 EPA Id: CAL000254141
 Facility Address 2 Not reported
 NAICS Code : 81232
 Facility Active : Yes
 Mail Name : Not reported
 Mailing Address: 1718 UNION ST
 SAN FRANCISCO, CA 94123
 Owner Name : KILSEON OH
 Mailing Address: 1718 UNION ST
 SAN FRANCISCO, CA 94123
 Owner Telephone 4159231212
 Contact Name : KILSEON OH - OWNER
 Mailing Address: 1718 UNION ST
 SAN FRANCISCO, CA 94123
 Contact Telephone 4159231212
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 2

Inactive Date: Not reported
 EPA Id: CAL000254141
 Facility Address 2 Not reported
 NAICS Code : 81232
 Facility Active : Yes
 Mail Name : Not reported
 Mailing Address: 1718 UNION ST
 SAN FRANCISCO, CA 94123
 Owner Name : KILSEON OH
 Mailing Address: 1718 UNION ST
 SAN FRANCISCO, CA 94123
 Owner Telephone 4159231212

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNION FRENCH CLEANERS (Continued)

1002848100

Contact Name : KILSEON OH - OWNER
Mailing Address: 1718 UNION ST
SAN FRANCISCO, CA 94123
Contact Telephone: 4159231212
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAL000254141
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 1718 UNION ST
SAN FRANCISCO, CA 94123

Owner Name : KILSEON OH
Mailing Address: 1718 UNION ST
SAN FRANCISCO, CA 94123

Owner Telephone: 4159231212
Contact Name : KILSEON OH - OWNER
Mailing Address: 1718 UNION ST
SAN FRANCISCO, CA 94123
Contact Telephone: 4159231212
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: Not reported
EPA Id: CAL000254141
Facility Address 2 Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 1718 UNION ST
SAN FRANCISCO, CA 94123

Owner Name : KILSEON OH
Mailing Address: 1718 UNION ST
SAN FRANCISCO, CA 94123

Owner Telephone: 4159231212
Contact Name : KILSEON OH - OWNER
Mailing Address: 1718 UNION ST
SAN FRANCISCO, CA 94123
Contact Telephone: 4159231212
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

HAZNET:

Gepaid: CAL000029324
TSD EPA ID: CAD981397417
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .2627
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: YOUNG KIM
Telephone: (000) 000-0000

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNION FRENCH CLEANERS (Continued)

1002848100

Mailing Address: 1718 UNION ST
 SAN FRANCISCO, CA 94123 - 4407
 County San Francisco
 Gepaid: CAL000029324
 TSD EPA ID: CAD981397417
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .2293
 Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
 Disposal Method: Not reported
 Contact: YOUNG KIM
 Telephone: (000) 000-0000
 Mailing Address: 1718 UNION ST
 SAN FRANCISCO, CA 94123 - 4407
 County San Francisco
 Gepaid: CAL000029324
 TSD EPA ID: CAD981397417
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: 0
 Waste Category:
 Disposal Method: Recycler
 Contact: YOUNG KIM
 Telephone: (000) 000-0000
 Mailing Address: 1718 UNION ST
 SAN FRANCISCO, CA 94123 - 4407
 County San Francisco
 Gepaid: CAL000029324
 TSD EPA ID: CAD981397417
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: 0.417
 Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
 Disposal Method: Recycler
 Contact: YOUNG KIM
 Telephone: (000) 000-0000
 Mailing Address: 1718 UNION ST
 SAN FRANCISCO, CA 94123 - 4407
 County San Francisco

EMISSIONS :
 Facility ID : 12929
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38
 Facility ID : 4870

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNION FRENCH CLEANERS (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

1002848100

**565
 SW
 > 1
 10166 ft.**

**ROSENBERG FAMILY FUND
 6099 GEARY BLVD
 SAN FRANCISCO, CA 94121**

**LUST S102436023
 Cortese N/A**

**Relative:
 Higher**

State LUST:

**Actual:
 155 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0586
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Other ground water affected
 Status: Pollution Characterization
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 09/29/1993
 Cleanup Fund Id: Not reported
 Discover Date: 09/29/1993
 Enforcement Dt: Not reported
 Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: 8/13/03 0:00
 Max MTBE GW: 0 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: High priority
 Local Case #: 10211
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: ND
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ROSENBERG FAMILY FUND (Continued)

S102436023

Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500511
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10211
Facility Id: 38-0586
Facility Status: Pollution Characterization
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 9/17/1993
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0586
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.780039 / 122.483526
Priority: High Priority Site
Case Type: Other ground water affected
Release Date: 9/17/93
Number of Wells: 4
Cross Street: 24TH AVE
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: 60
Gradient: NE .0032
Primary Substance: GASOLINE
Basin: Lobos Basin
Enforcement Type: IEA
Enforcement Due Date: / /
NOR Date: 1/25/94
Closed Date: Not reported
Review Date: / /
Report Date: 09/17/93
Leak Source: Unknown
Leak Cause: Unknown

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ROSENBERG FAMILY FUND (Continued)

S102436023

How Stopped: Not reported
 Stopped Date: / /
 How Discovered: Not reported
 Discovered Date: 09/29/93
 Case Number: 10211
 Staff Initial: VP
 Substance: Gasoline
 Substance Qty: Not reported
 Interim Remediation: Not reported
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: 110
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 2A
 Reg Board: 2
 Responsible Party: ROSENBERG FAMILY
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 01/25/94
 Facility Staff: MA
 Facility Status: 0
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 01/19/96
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: 8/28/98
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: / /
 Abatement: Not reported
 CUFID: 9768
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: 24TH AVE
 Benzene Test: YES
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: TESTED 11/12/97

CORTESE:
 Region: CORTESE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

ROSENBERG FAMILY FUND (Continued)

S102436023

Fac Address 2: 6099 GEARY BLVD

FB566
ESE
 > 1
 10183 ft.

BUCHANAN CLEANERS
2137 BUCHANAN STREET
SAN FRANCISCO, CA 94115

EMI S105936826
N/A

Site 3 of 4 in cluster FB

Relative:
Higher

EMISSIONS :

Actual:
268 ft.

Facility ID :	4284
Air District Code :	BA
SIC Code :	7216
Total Priority Score :	Not reported
Health Risk Assessment :	Not reported
Non-cancer Chronic Haz Index :	Not reported
Non-cancer Acute Haz Index :	Not reported
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	38
County ID :	38

EW567
ESE
 > 1
 10194 ft.

RESIDENTIAL APARTMENT
2050 JACKSON ST
SAN FRANCISCO, CA 94109

LUST S105688823
N/A

Site 3 of 5 in cluster EW

Relative:
Higher

State LUST:

Actual:
285 ft.

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	0	Prelim Assess:	Not reported
Case Number:	38-2058	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	38000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	9/27/00 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	09/26/2000		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APARTMENT (Continued)

S105688823

MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11402
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607592785
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

**EW568
 ESE
 > 1
 10194 ft.**

**RESIDENTIAL
 2050 JACKSON ST
 SAN FRANCISCO, CA 94109**

**LUST S105627940
 N/A**

**Relative:
 Higher**

Site 4 of 5 in cluster EW

**Actual:
 285 ft.**

LUST San Francisco County:
 Facility ID: 02 400 002
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: Not reported
 Priority: Low Priority Site
 Case Type: Soil only
 Release Date: Not reported
 Number of Wells: Not reported
 Cross Street: Octavia St
 Free Product: Not reported
 Amount of Free Produce: Not reported
 MTBE: ND
 Benzene: Not reported
 Depth to Groundwater: Not reported
 Gradient: Not reported
 Primary Substance: Not reported
 Basin: MARINA BASIN
 Enforcement Type: NOR
 Enforcement Due Date: 10/17/00
 NOR Date: Not reported
 Closed Date: Not reported
 Review Date: 10/24/00
 Report Date: 09/27/00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S105627940

Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 09/26/00
How Discovered: Tank Closure
Discovered Date: 09/26/00
Case Number: 11402
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 0
MTBE DATE: 09/26/00
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Gilbert Bao
Entered Date: 10/17/00
Facility Staff: AL
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 09/26/00
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/24/00
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Octavia St
Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 450
TPH Date: 09/26/00
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: ND
MTBE Current Date: 9/26/00
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 10/17/00 review

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

EW569
ESE
 > 1
 10194 ft.

GILBERT BAO
2050 JACKSON ST
SAN FRANCISCO, CA 94109

HAZNET
LUST **S104809920**
 N/A

Site 5 of 5 in cluster EW

Relative:
Higher

LUST Region 2:
 Region: 2
 Case Number: 11402
 Facility Id: 38-2058
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

Actual:
285 ft.

HAZNET:

Gepaid: CAC002210249
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 3.1191
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: GILBERT BAO
 Telephone: (000) 000-0000
 Mailing Address: 613 N CAMDEN DR
 BEVERLY HILLS, CA 90210
 County: San Francisco

570
SSE
 > 1
 10194 ft.

2060 FULTON ST.
SAN FRANCISCO, CA

CHMIRS **S105882443**
 N/A

Relative:
Higher

CHMIRS:
 OES Control Number: 02-0082
 Chemical Name: Sewage
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported
 Agency Id Number : Not reported
 Agency Incident Number : Not reported
 OES Incident Number : 02-0082
 Time Notified : Not reported
 Surrounding Area : Not reported
 Estimated Temperature : Not reported
 Property Management : Not reported
 More Than Two Substances Involved? : Not reported
 Special Studies 1 : Not reported
 Special Studies 2 : Not reported
 Special Studies 3 : Not reported
 Special Studies 4 : Not reported

Actual:
327 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105882443

Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	Not reported
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Road
Cleanup By :	Unknown
Containment :	No
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	1/4/200204:01:58 PM
Evacuations :	0
True date :	12/31/03
Year :	2002
Agency :	Private Citizen
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	6-10
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0
Description :	Unknown cause of leak. The leak is coming out of the pipe grading in the sidewalk. No one has been dispatched to stop the leak at this time. Toilet tissue and feces is coming out of the leak.
Incident date :	1/4/200212:00:00 AM
Admin Agency :	San Francisco County Health Department
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

571 **APA TMENTS**
SE **1990 SUTTER**
> 1 **SAN FRANCISCO, CA 94115**
10195 ft.

LUST **S104228716**
Cortese **N/A**

Relative:
Higher

State LUST:

Actual:
148 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1457
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 11/2/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/14/1999
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Low priority. Priority ranking can change over time.
 Local Case # : 11310
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501341
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APATMENTS (Continued)

S104228716

Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11310
Facility Id: 38-1457
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1457
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: 9/14/99
Number of Wells: 0
Cross Street: Webster
Free Product: 0
Amount of Free Produce: 0
MTBE: ND
Benzene: Not reported
Depth to Groundwater: NA
Gradient: NA
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: 10/08/99
NOR Date: 10/8/99
Closed Date: 11/2/99
Review Date: 11/02/99
Report Date: 09/14/99
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 09/14/99
How Discovered: Tank Closure
Discovered Date: 09/14/99
Case Number: 11310
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: 1500
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 09/14/99

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APATMENTS (Continued)

S104228716

Max Soil Concentration: 0.006
 Maximum Soil GW: 0.006
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Susan Campa
 Entered Date: 10/08/99
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 09/14/99
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 11/02/99
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Webster
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 15
 TPH Date: 09/14/99
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported
 CORTESE:
 Region: CORTESE
 Fac Address 2: Not reported

572
 SW
 > 1
 10213 ft.

SNOW WHITE CLEANERS
2650 CLEMENT STREET
SAN FRANCISCO, CA 94122

EMI S105939667
N/A

Relative:
Higher

EMISSIONS :
 Facility ID : 7369
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported

Actual:
148 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SNOW WHITE CLEANERS (Continued)

S105939667

Non-cancer Chronic Haz Index : Not reported
Non-cancer Acute Haz Index : Not reported
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 38
County ID : 38

FC573 HOLIDAY CLEANERS
SSE 2055 MCALLISTER
> 1 SAN FRANCISCO, CA 94118
10230 ft.

RCRIS-SQG 1001122818
FINDS CAR000016568
CLEANERS
EMI

**Relative:
Higher**

Site 2 of 2 in cluster FC

**Actual:
247 ft.**

RCRIS:
Owner: JAE BOHG OH
(415) 921-1973
EPA ID: CAR000016568
Contact: JAE BOHG OH
(415) 921-1973
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
National Emissions Inventory
National Emissions Trends
National Toxics Inventory
Resource Conservation and Recovery Act Information system

CA Cleaners:

Inactive Date: 6/30/1996
EPA Id: CAL000019819
Facility Address 2 Not reported
NAICS Code : Not reported
Facility Active : No
Mail Name : Not reported
Mailing Address: 2055 MCALLISTER ST
SAN FRANCISCO, CA 94118
Owner Name : HILL HOWARD
Mailing Address: --
--, 99 --
Owner Telephone 0000000000
Contact Name : DEACT PER VQ96-RK
Mailing Address: --
--, 99 --
Contact Telephone:-
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: 6/30/2000
EPA Id: CAR000016568
Facility Address 2 Not reported
NAICS Code : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOLIDAY CLEANERS (Continued)

1001122818

Facility Active : No
 Mail Name : Not reported
 Mailing Address: 2055 MCALLISTER ST
 SAN FRANCISCO, CA 94118
 Owner Name : JAE BONG OH
 Mailing Address: 2055 MCALLISTER
 SAN FRANCISCO, CA 94118
 Owner Telephone 4159211973
 Contact Name : JAE BONG OH
 Mailing Address: INACT PER NONDEL 00VQ - CR
 SAN FRANCISCO, CA 94118
 Contact Telephone 4159211973
 Contact Fax : Not reported
 Contact Email : Not reported
 Region Code : 0

EMISSIONS :

Facility ID : 4314
 Air District Code : BA
 SIC Code : 7216
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

FD574
East
> 1
10251 ft.

RESIDENTIAL APARTMENT
1237 CHESTNUT ST
SAN FRANCISCO, CA 94109

Cortese S103891028
N/A

Site 1 of 2 in cluster FD

Relative:
Lower

CORTESE:
 Region: CORTESE
 Fac Address 2: 1237 CHESTNUT ST

Actual:
70 ft.

FD575
East
> 1
10251 ft.

RESIDENTIAL APT.
1237 CHESTNUT STREET
SAN FRANCISCO, CA 94109

LUST S104657184
N/A

Site 2 of 2 in cluster FD

Relative:
Lower

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1294
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported

Actual:
70 ft.

Confirm Leak: Not reported
 Prelim Assess: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657184

Remed Plan: Not reported

Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/5/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 12/27/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10149
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501179
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 10149
 Facility Id: 38-1294
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APT. (Continued)

S104657184

Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1294
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 12/29/95
Number of Wells: 0
Cross Street: POLK ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: NA
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/9/99
Closed Date: 5/5/99
Review Date: / /
Report Date: 12/27/95
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 12/27/95
Case Number: 10149
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: David Pressman
RP Address: Not reported
Operator: Not reported
Entered Date: 02/09/99
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/09/99
Workplan Submitted: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APT. (Continued)

S104657184

Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 05/05/99
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: POLK ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Case closed.

**576
 SE
 > 1
 10253 ft.**

**APARTMENTS
 1900 EDDY STREET
 SAN FRANCISCO, CA 94115**

**LUST S106117864
 N/A**

**Relative:
 Higher**

State LUST:
 Cross Street: DIVISADERO STREET
 Qty Leaked: 0
 Case Number: 38-2243
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 8/1/02 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/11/03 0:00
 Release Date: 06/12/2003
 Cleanup Fund Id : Not reported
 Discover Date : 08/01/2002
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Tank Closure
 How Stopped: Close Tank

**Actual:
 183 ft.**

Confirm Leak: 8/1/02 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

APARTMENTS (Continued)

S106117864

Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11582
 Beneficial: Not reported
 Staff : GVL
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 08/01/2002
 Work Suspended :Not reported
 Responsible Party: DAVID SALMA
 RP Address: 1900 EDDY STREET
 Global Id: T0607544078
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11582
 Facility Id: 38-2243
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 8/1/2002
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

577 MAE CLEANERS
SE 1933 POST STREET
> 1 SAN FRANCISCO, CA 94115
10300 ft.

EMI S105938539
N/A

Relative: EMISSIONS :
Higher Facility ID : 4055
 Air District Code : BA
Actual: SIC Code : 7216
138 ft. Total Priority Score : Not reported
 Health Risk Assessment : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MAE CLEANERS (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

S105938539

**FB578
 ESE
 > 1
 10300 ft.**

**RESIDENTIAL APARTMENTS
 2186 CALIFORNIA ST
 SAN FRANCISCO, CA 94115**

**LUST S105690860
 N/A**

Site 4 of 4 in cluster FB

**Relative:
 Higher**

State LUST:
 Cross Street: BUCHANAN ST
 Qty Leaked: 0
 Case Number 02-302-001
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 7/16/02 0:00
 Release Date: 12/13/2001
 Cleanup Fund Id : Not reported
 Discover Date : 11/26/2001
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11507
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin # : Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 11/26/2001

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

**Actual:
 262 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APARTMENTS (Continued)

S105690860

Work Suspended :Not reported
Responsible Party:SHELLEY WHEATON
RP Address: 2799 CALIFORNIA ST
Global Id: T0607571414
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11507
Facility Id: 02-302-001
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 302 001
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Buchanan Street
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: DOWNTOWN
Enforcement Type: NOR
Enforcement Due Date: 12/15/01
NOR Date: Not reported
Closed Date: Not reported
Review Date: 07/16/02
Report Date: 12/13/01
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 11/26/01

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL APARTMENTS (Continued)

S105690860

How Discovered: Tank Closure
 Discovered Date: 11/26/01
 Case Number: 11507
 Staff Initial: VP
 Substance: Heater Fuel
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: 11/26/01
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: Not reported
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Shelley Wheaton
 Entered Date: 07/15/02
 Facility Staff: SC
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 11/26/01
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/16/02
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Buchanan Street
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 9.9
 TPH Date: 11/26/01
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Soils only

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

579
SSW
 > 1
10304 ft.

RESIDENTIAL PROPERTY
727 14TH AVE
SAN FRANCISCO, CA 94118

LUST **S106117961**
 N/A

Relative:
Higher

State LUST:

Actual:
230 ft.

Cross Street: FULTON
 Qty Leaked: 0
 Case Number: 38-2255
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 9/5/03 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/23/04 0:00
 Release Date: 11/03/2003
 Cleanup Fund Id: Not reported
 Discover Date: 09/05/2003
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim: Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 11594
 Beneficial: Not reported
 Staff: GVL
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: 09/05/2003
 Work Suspended: Not reported
 Responsible Party: LORAN GRAHAM
 RP Address: 2016 PACIFIC AVENUE #204
 Global Id: T0607547375
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported

Confirm Leak: 9/5/03 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RESIDENTIAL PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106117961

Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11594
Facility Id: 38-2255
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 9/5/2003
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

**580
SE
> 1
10306 ft.**

**APARTMENT BUILDING
1901 TURK ST
SAN FRANCISCO, CA 94115**

**HAZNET S103638356
Cortese N/A**

**Relative:
Higher**

HAZNET:

Gepaid: CAC001269304
TSD EPA ID: CAD009466392
Gen County: San Francisco
Tsd County: 7
Tons: .7500
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: ISLE CORDONI
Telephone: (000) 000-0000
Mailing Address: 4040 24TH ST
SAN FRANCISCO, CA 94114
County: San Francisco

**Actual:
249 ft.**

Gepaid: CAC001269304
TSD EPA ID: CAL000161743
Gen County: San Francisco
Tsd County: Santa Clara
Tons: 7.0890
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: ISLE CORDONI
Telephone: (000) 000-0000
Mailing Address: 4040 24TH ST
SAN FRANCISCO, CA 94114
County: San Francisco

CORTESE:

Region: CORTESE
Fac Address 2: 1901 TURK ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EZ581 **ST MARYS HOSPITAL**
SSE **450 STANYAN ST**
> 1 **SAN FRANCISCO, CA 94117**
10318 ft.

HAZNET **S100874862**
Cortese **N/A**

Site 4 of 5 in cluster EZ

Relative:
Higher

HAZNET:

Actual:
312 ft.

Gepaid: CAD078772738
 TSD EPA ID: CAD028409019
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: .1042
 Waste Category: Waste oil and mixed oil
 Disposal Method: Treatment, Tank
 Contact: CHW-BAY AREA
 Telephone: (415) 882-7495
 Mailing Address: 450 STANYAN ST
 SAN FRANCISCO, CA 94117 - 1079
 County San Francisco

Gepaid: CAD078772738
 TSD EPA ID: CAD981382732
 Gen County: San Francisco
 Tsd County: 1
 Tons: 7.5852
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: CHW-BAY AREA
 Telephone: (415) 882-7495
 Mailing Address: 450 STANYAN ST
 SAN FRANCISCO, CA 94117 - 1079
 County San Francisco

Gepaid: CAD078772738
 TSD EPA ID: CA0000084517
 Gen County: San Francisco
 Tsd County: Sacramento
 Tons: 7.2558
 Waste Category: Photochemicals/photoprocessing waste
 Disposal Method: Transfer Station
 Contact: CHW-BAY AREA
 Telephone: (415) 882-7495
 Mailing Address: 450 STANYAN ST
 SAN FRANCISCO, CA 94117 - 1079
 County San Francisco

Gepaid: CAD078772738
 TSD EPA ID: CA0000084517
 Gen County: San Francisco
 Tsd County: Sacramento
 Tons: .6255
 Waste Category: Photochemicals/photoprocessing waste
 Disposal Method: Not reported
 Contact: CHW-BAY AREA
 Telephone: (415) 882-7495
 Mailing Address: 450 STANYAN ST
 SAN FRANCISCO, CA 94117 - 1079
 County San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ST MARYS HOSPITAL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100874862

Gepaid: CAD078772738
TSD EPA ID: CAD059494310
Gen County: San Francisco
Tsd County: Santa Clara
Tons: .3825
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Transfer Station
Contact: CHW-BAY AREA
Telephone: (415) 882-7495
Mailing Address: 450 STANYAN ST
SAN FRANCISCO, CA 94117 - 1079
County: San Francisco

[Click this hyperlink](#) while viewing on your computer to access 108 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:

Region: CORTESE
Fac Address 2: 450 STANYAN ST

EZ582
SSE
> 1
10318 ft.

ST MARYS HOSPITAL AND MED CTR
450 STANYAN ST
SAN FRANCISCO, CA 94117

PADS 1000818160
RCRIS-SQG CAD078772738
FINDS
LUST
EMI

Site 5 of 5 in cluster EZ

Relative:
Higher

RCRIS:
Owner: CATHOLIC HEALTH CARE WEST
(415) 397-9000
EPA ID: CAD078772738
Contact: THERON MCWILLIAMS
(415) 750-4920

Actual:
312 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
National Emissions Inventory
National Emissions Trends
National Toxics Inventory
Resource Conservation and Recovery Act Information system

State LUST:

Cross Street: Not reported
Qty Leaked: 0
Case Number: 38-1065
Reg Board: 2
Chemical: Diesel
Lead Agency: Local Agency
Local Agency: 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ST MARYS HOSPITAL AND MED CTR (Continued)

1000818160

Monitoring: Not reported
Close Date: 10/22/97 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 10/22/1997
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: High priority
Local Case # : 10939
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500958
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10939
Facility Id: 38-1065
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ST MARYS HOSPITAL AND MED CTR (Continued)

1000818160

Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1065
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: High Priority Site
Case Type: Soil only
Release Date: 10/22/97
Number of Wells: 0
Cross Street: SCHRADER
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL
Basin: Westside Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 3/5/98
Closed Date: Not reported
Review Date: 05/25/01
Report Date: 10/22/97
Leak Source: Piping
Leak Cause: Unknown
How Stopped: Repair Tank
Stopped Date: 07/18/97
How Discovered: Subsurface Monitoring
Discovered Date: 10/22/97
Case Number: 10939
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: 5
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: <5
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: ST. MARY'S
RP Address: Not reported
Operator: Not reported
Entered Date: 03/05/98
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/05/98
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ST MARYS HOSPITAL AND MED CTR (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000818160

Corrective Action Plan: Not reported
 Remediation Underway: 3/15/99
 Monitoring Begun: Not reported
 Case Closed: 05/25/01
 Abatement: Not defined
 CUFID: Not reported
 Beneficial Use: Yes
 Suspended: No
 Program: LOP
 Cross Street: SCHRADER
 Benzene Test: ND
 TPH Tested: YES
 Max TPH GW: Not reported
 Max TPH Soil: 3000
 TPH Date: 10/14/97
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: <
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Updated 5/27/99.

EMISSIONS :

Facility ID : 3613
 Air District Code : BA
 SIC Code : 8069
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

583 RESIDENCE
ESE 1977 PACIFIC AVE
> 1 SAN FRANCISCO, CA 94109
10370 ft.

LUST S105248036
Cortese N/A

**Relative:
 Higher**

State LUST:

**Actual:
 214 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2123
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248036

Remed Action: Not reported
Monitoring: Not reported
Close Date: 1/14/00 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 03/18/1997
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11337
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607586146
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11337
Facility Id: 38-2123
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248036

Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 100 006
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Laguna
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: 01/13/00
NOR Date: 1/13/00
Closed Date: 1/14/00
Review Date: 01/14/00
Report Date: 03/18/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 03/18/97
How Discovered: Tank Closure
Discovered Date: 03/18/97
Case Number: 11337
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Kathy Burke
Entered Date: 01/13/00
Facility Staff: SC
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 03/18/97
Workplan Submitted: Not reported
Assessment Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248036

Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 01/14/00
Abatement: Excavate and Dispose (landfill) of soil
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Laguna
Benzene Test: ND
TPH Tested: YES
Max TPH GW: Not reported
Max TPH Soil: 1000
TPH Date: 03/18/97
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

CORTESE:
Region: CORTESE
Fac Address 2: 1977 PACIFIC AVE

584
SE
> 1
10373 ft.

MEADERS CLEANERS
1875 GEARY ST
SAN FRANCISCO, CA 94115

RCRIS-SQG **1000188486**
FINDS **CAD981963986**
HAZNET
CLEANERS
EMI

Relative:
Higher

RCRIS:
Owner: BAE HOWARD
(415) 555-1212
EPA ID: CAD981963986
Contact: Not reported
Classification: Small Quantity Generator
TSDf Activities: Not reported
Violation Status: No violations found

Actual:
133 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
National Emissions Inventory
National Emissions Trends
National Toxics Inventory
Resource Conservation and Recovery Act Information system

CA Cleaners:
Inactive Date: 6/30/2000
EPA Id: CAL000139332
Facility Address 2 Not reported
NAICS Code : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MEADERS CLEANERS (Continued)

1000188486

Facility Active : No
Mail Name : Not reported
Mailing Address: 1875 GEARY BLVD
SAN FRANCISCO, CA 94115
Owner Name : YOUNG K SOHN
Mailing Address: 1875 GEARY BLVD
SAN FRANCISCO, CA 94115
Owner Telephone 0000000000
Contact Name : YOUNG K SOHN - OWNER
Mailing Address: INACT 00VQ FINAL NOTICE - BATCH
4/10/01
SAN FRANCISCO, CA 94115
Contact Telephone 4159223300
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

Inactive Date: 1/1/1995
EPA Id: CAD981963986
Facility Address 2 Not reported
NAICS Code : Not reported
Facility Active : No
Mail Name : Not reported
Mailing Address: 1875 GEARY BLVD
SAN FRANCISCO, CA 94115
Owner Name : INTERNATIONAL DRY CLEANING
Mailing Address: CORP
--, 99 --
Owner Telephone 0000000000
Contact Name : INACT PER SURVEY
Mailing Address: --
--, 99 --
Contact Telephone 4159223300
Contact Fax : Not reported
Contact Email : Not reported
Region Code : 2

HAZNET:

Gepaid: CAD981963986
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .9500
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: INTERNATIONAL DRY CLEANING
Telephone: (000) 000-0000
Mailing Address: 1875 GEARY BLVD
SAN FRANCISCO, CA 94115 - 3519
County San Francisco

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MEADERS CLEANERS (Continued)

1000188486

Gepaid: CAD981963986
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .0675
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Contact: INTERNATIONAL DRY CLEANING
Telephone: (000) 000-0000
Mailing Address: 1875 GEARY BLVD
SAN FRANCISCO, CA 94115 - 3519
County San Francisco

Gepaid: CAD981963986
TSD EPA ID: CAD028409019
Gen County: San Francisco
Tsd County: Los Angeles
Tons: .0975
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Contact: INTERNATIONAL DRY CLEANING
Telephone: (000) 000-0000
Mailing Address: 1875 GEARY BLVD
SAN FRANCISCO, CA 94115 - 3519
County San Francisco

Gepaid: CAD981963986
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .0675
Waste Category: ***
Disposal Method: Transfer Station
Contact: INTERNATIONAL DRY CLEANING
Telephone: (000) 000-0000
Mailing Address: 1875 GEARY BLVD
SAN FRANCISCO, CA 94115 - 3519
County San Francisco

Gepaid: CAD981963986
TSD EPA ID: CAT000613943
Gen County: San Francisco
Tsd County: Sonoma
Tons: .3900
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Contact: INTERNATIONAL DRY CLEANING
Telephone: (000) 000-0000
Mailing Address: 1875 GEARY BLVD
SAN FRANCISCO, CA 94115 - 3519
County San Francisco

[Click this hyperlink](#) while viewing on your computer to access 3 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :
Facility ID : 10481
Air District Code : BA
SIC Code : 7216

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MEADERS CLEANERS (Continued)

1000188486

Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SF
 Air District Name : BAY AREA AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 38
 County ID : 38

**FE585
 ESE
 > 1
 10373 ft.**

**RESIDENTIAL
 2151 LAGUNA ST
 SAN FRANCISCO, CA 94115**

**LUST S103890727
 Cortese N/A**

Site 1 of 4 in cluster FE

**Relative:
 Higher**

**Actual:
 336 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1312
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 1/9/96 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/31/02 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 01/09/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11185
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST

Confirm Leak: 1/9/96 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S103890727

Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501197
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11185
Facility Id: 38-1312
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: 1/9/1996
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1312
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 2/25/99
Number of Wells: Not reported
Cross Street: Not reported
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 2/25/99
Closed Date: Not reported
Review Date: 10/31/02
Report Date: 01/09/96
Leak Source: Unknown
Leak Cause: Unknown

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S103890727

How Stopped: Close Tank
Stopped Date: 01/09/96
How Discovered: Tank Closure
Discovered Date: 01/09/96
Case Number: 11185
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Mary Edwards
RP Address: Not reported
Operator: Not reported
Entered Date: 02/25/99
Facility Staff: AL
Facility Status: 9
Funding: State
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 02/25/99
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 10/31/02
Abatement: No Action Taken
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: Not reported
Benzene Test: ND
TPH Tested: ND
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported
TPH Current Date: Not reported
MTBE Current: Not reported
MTBE Current Date: Not reported
Ground Water Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: 8/28/02 file

CORTESE:
Region: CORTESE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RESIDENTIAL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Fac Address 2: 2151 LAGUNA ST

S103890727

FF586
East
> 1
10406 ft.

RESIDENCE
2550 GOUGH STREET
SAN FRANCISCO, CA 94123

LUST S105248055
N/A

Site 1 of 2 in cluster FF

Relative:
Higher

State LUST:

Actual:
109 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0957
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/14/98 0:00
 Release Date: Not reported
 Cleanup Fund Id: Not reported
 Discover Date: 07/31/1997
 Enforcement Dt: Not reported
 Enf Type: NOR
 Enter Date: Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case #: 10896
 Beneficial: Not reported
 Staff: VP
 GW Qualifier: Not reported
 Max MTBE Soil: Not reported
 Soil Qualifier: Not reported
 Hydr Basin #: San Francisco Sand D
 Operator: Not reported
 Oversight Prgm: LUST
 Review Date: Not reported
 Stop Date: / /
 Work Suspended: Not reported
 Responsible Party: Not reported
 RP Address: Not reported
 Global Id: T0607500851
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248055

Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10896
Facility Id: 38-0957
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0957
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 7/28/97
Number of Wells: Not reported
Cross Street: GREEN ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/11/97
Closed Date: 1/14/98
Review Date: / /
Report Date: 07/28/97
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 07/25/97
How Discovered: Tank Closure
Discovered Date: 07/31/97
Case Number: 10896
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248055

Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: 2550 GOUGH ST.
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 12/11/97
 Facility Staff: MA
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 07/25/97
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 01/14/98
 Abatement: No Action Required
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: GREEN ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

FF587 RESIDENCE
East 2550 GOUGH ST
> 1 SAN FRANCISCO, CA 94123
10406 ft.
Relative: Site 2 of 2 in cluster FF
Higher
Actual: 109 ft.

HAZNET S103646863
Cortese N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103646863

HAZNET:
Gepaid: CAC001166688
TSD EPA ID: CAD980887418
Gen County: San Francisco
Tsd County: 1
Tons: 2.0850
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: 2550 GOUGH ST HOMEOWNER ASSOC
Telephone: (415) 378-5042
Mailing Address: 2550 GOUGH ST
SAN FRANCISCO, CA 94123
County: San Francisco

CORTESE:
Region: CORTESE
Fac Address 2: 2550 GOUGH ST

**FG588
SE
> 1
10410 ft.**

**DE YOUNG & SHORKEY PROPER
1888 GOLDEN GATE
SAN FRANCISCO, CA 94115**

**HAZNET S102437502
Cortese N/A**

Site 1 of 2 in cluster FG

**Relative:
Higher

Actual:
266 ft.**

HAZNET:
Gepaid: CAC001047376
TSD EPA ID: CAD004771168
Gen County: San Francisco
Tsd County: San Francisco
Tons: .7500
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: RICHARD SHORKEY
Telephone: (000) 000-0000
Mailing Address: 41 SUTTER ST #1054
SAN FRANCISCO, CA 94104
County: San Francisco

Gepaid: CAC001047376
TSD EPA ID: CAD083166728
Gen County: San Francisco
Tsd County: Stanislaus
Tons: 2.0850
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: RICHARD SHORKEY
Telephone: (000) 000-0000
Mailing Address: 41 SUTTER ST #1054
SAN FRANCISCO, CA 94104
County: San Francisco

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

FG589 DE YOUNG & SHORKEY PROPERTY
SE 1888 GOLDEN GATE AVE
> 1 SAN FRANCISCO, CA 94115
10410 ft.

LUST S103890848
N/A

Relative:
Higher

Site 2 of 2 in cluster FG

State LUST:

Actual:
266 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0642
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 9/27/95 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 06/21/1995
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 10505
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607500561
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DE YOUNG & SHORKEY PROPERTY (Continued)

S103890848

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10505
Facility Id: 38-0642
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0642
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/16/95
Number of Wells: 0
Cross Street: BAKER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 8/16/95
Closed Date: 9/27/95
Review Date: / /
Report Date: 05/16/95
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 06/21/95
Case Number: 10505
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DE YOUNG & SHORKEY PROPERTY (Continued)

S103890848

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: Not reported
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 08/16/95
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 08/24/95
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/27/95
 Abatement: Not reported
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BAKER ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

590 RESIDENCE
SSE 17 ASHBURY ST
> 1 SAN FRANCISCO, CA 94117
10417 ft.

HAZNET S103635355
LUST N/A
Cortese

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0911
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency: 38000L
 Case Type: Soil only

**Actual:
 260 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103635355

Status:	Case Closed	Confirm Leak:	Not reported
Review Date:	Not reported	Prelim Assess:	Not reported
Workplan:	Not reported	Remed Plan:	Not reported
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	6/19/97 0:00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/14/1997		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	AL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	10820		
Beneficial:	Not reported		
Staff :	VP		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	San Francisco Sand D		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	Not reported		
RP Address:	Not reported		
Global Id:	T0607500806		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	Not reported		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Case Number:	10820
Facility Id:	38-0911
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S103635355

Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0911
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/2/97
Number of Wells: Not reported
Cross Street: FULTON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OILS NOS. 1
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/20/97
Closed Date: 6/19/97
Review Date: / /
Report Date: 05/02/97
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Repair Tank
Stopped Date: 05/02/97
How Discovered: Tank Closure
Discovered Date: 05/14/97
Case Number: 10820
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/20/97
Facility Staff: AL
Facility Status: 9
Funding: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S103635355

Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 06/19/97
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: FULTON ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

HAZNET:

Gepaid: CAC000770328
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 1.2510
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: GERDA MCKINNEY
 Telephone: (000) 000-0000
 Mailing Address: 3316 LAGUNA APT 302
 SAN FRANCISCO, CA 94123
 County: San Francisco

CORTESE:

Region: CORTESE
 Fac Address 2: 17 ASHBURY ST

FE591 SACRAMENTO ST HOME OWNERS ASSOCIATION
ESE 2205 SACRAMENTO ST
> 1 SAN FRANCISCO, CA 94115
10445 ft.

HAZNET S104657021
LUST N/A

**Relative:
 Higher**

Site 2 of 4 in cluster FE

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-2016
 Reg Board: 2

**Actual:
 314 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SACRAMENTO ST HOME OWNERS ASSOCIATION (Continued)

S104657021

Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 9/11/00 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 07/25/2000
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 11390
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607544519
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:
Region: 2
Case Number: 11390
Facility Id: 38-2016
Facility Status: Case Closed

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SACRAMENTO ST HOME OWNERS ASSOCIATION (Continued)

S104657021

How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 02 300 014
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Low Priority Site
Case Type: Soil only
Release Date: Not reported
Number of Wells: Not reported
Cross Street: Laguna
Free Product: Not reported
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: Not reported
Basin: DOWNTOWN
Enforcement Type: NOR
Enforcement Due Date: 09/07/00
NOR Date: Not reported
Closed Date: 9/11/00
Review Date: / /
Report Date: 07/26/00
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Close Tank
Stopped Date: 07/25/00
How Discovered: Tank Closure
Discovered Date: 07/25/00
Case Number: 11390
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: 07/25/00
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: Not reported
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Tomaz Ostergen

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SACRAMENTO ST HOME OWNERS ASSOCIATION (Continued)

S104657021

Entered Date: 09/07/00
 Facility Staff: MA
 Facility Status: 9
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: 07/25/00
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 09/11/00
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Laguna
 Benzene Test: ND
 TPH Tested: ND
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: 07/25/00
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Not reported

HAZNET:

Gepaid: CAC002197665
 TSD EPA ID: CAL000161743
 Gen County: San Francisco
 Tsd County: Santa Clara
 Tons: 1.8348
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: HOME OWNERS ASSOCIATION
 Telephone: (415) 563-5900
 Mailing Address: 1801 FILLMORE ST
 SAN FRANCISCO, CA 94115
 County: San Francisco

FH592 **RSIDENTIAL APTS.**
SSE **2190 GROVE STREET**
> 1 **SAN FRANCISCO, CA 0**
10448 ft.

LUST **S103890336**
N/A

Site 1 of 3 in cluster FH

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1392

**Actual:
 300 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL APTS. (Continued)

S103890336

Reg Board: 2
Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 7/6/99 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 02/22/1999
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11252
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501277
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LUST Region 2:
Region: 2
Case Number: 11252
Facility Id: 38-1392

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RSIDENTIAL APTS. (Continued)

S103890336

Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Wokplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

LUST San Francisco County:

Facility ID:	38 1392
Region:	SAN FRANCISCO
Notify:	False
Lat/Long:	Not reported
Priority:	Unranked by RWQCB
Case Type:	Soil only
Release Date:	2/22/99
Number of Wells:	0
Cross Street:	Not reported
Free Product:	No
Amount of Free Produce:	Not reported
MTBE:	NRQ
Benzene:	Not reported
Depth to Groundwater:	NA
Gradient:	NA
Primary Substance:	FUEL OILS NOS. 1
Basin:	Downtown Basin
Enforcement Type:	NOR
Enforcement Due Date:	/ /
NOR Date:	6/7/99
Closed Date:	7/6/99
Review Date:	/ /
Report Date:	02/22/99
Leak Source:	Tank
Leak Cause:	Corrosion
How Stopped:	Not reported
Stopped Date:	/ /
How Discovered:	Not reported
Discovered Date:	02/22/99
Case Number:	11252
Staff Initial:	VP
Substance:	Heater Fuel
Substance Qty:	Not reported
Interim Remediation:	Y
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	/ /
Max Soil Concentration:	Not reported
Maximum Soil GW:	ND
Lead Agency:	Local Agency
Local Agency:	38000
Enforcement Type:	1
Reg Board:	2
Responsible Party:	Vince Malta, KFT
RP Address:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RSIDENTIAL APTS. (Continued)

S103890336

Operator: Not reported
 Entered Date: 06/07/99
 Facility Staff: MA
 Facility Status: 9
 Funding: R
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 07/06/99
 Abatement: Other Means
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: Not reported
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Case closed.

FI593
ESE
> 1
10448 ft.

SFFD STATION #38
2150 CALIFORNIA ST
SAN FRANCISCO, CA

Cortese S103642061
N/A

Relative:
Higher

Site 1 of 2 in cluster FI

CORTESE:
 Region: CORTESE
 Fac Address 2: 2150 CALIFORNIA ST

Actual:
264 ft.

FI594
ESE
> 1
10448 ft.

SFFD STATION #38
2150 CALIFORNIA STREET
SAN FRANCISCO, CA 94115

LUST S101308248
N/A

Relative:
Higher

Site 2 of 2 in cluster FI

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-0283
 Reg Board: 2
 Chemical: Gasoline

Actual:
264 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SFFD STATION #38 (Continued)

S101308248

Lead Agency: Local Agency
Local Agency : 38000L
Case Type: Other ground water affected
Status: Preliminary site assessment workplan submitted
Review Date: Not reported Confirm Leak: Not reported
Workplan: 12/21/87 0:00 Prelim Assess: 12/21/87 0:00
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 09/16/1987
Enforcement Dt : Not reported
Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 10165
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500248
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10165
Facility Id: 38-0283
Facility Status: Preliminary site assessment workplan submitted
How Discovered: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SFFD STATION #38 (Continued)

S101308248

Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Workplan Submitted: 7/22/2002
 Preliminary Site Assessment Began: 12/21/1987
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0283
 Region: SAN FRANCISCO
 Notify: False
 Lat/Long: 37.789748 / 122.428518
 Priority: Moderate Priority Site
 Case Type: Other ground water affected
 Release Date: 12/21/87
 Number of Wells: 1
 Cross Street: BUCHANNAN ST
 Free Product: No
 Amount of Free Produce: Not reported
 MTBE: NT
 Benzene: Not reported
 Depth to Groundwater: 9
 Gradient: Not reported
 Primary Substance: GASOLINE
 Basin: Downtown Basin
 Enforcement Type: IEA
 Enforcement Due Date: / /
 NOR Date: 8/18/93
 Closed Date: Not reported
 Review Date: 07/22/02
 Report Date: 12/21/87
 Leak Source: Tank
 Leak Cause: Structure Failure
 How Stopped: Close Tank
 Stopped Date: 11/17/87
 How Discovered: Tank Closure
 Discovered Date: 09/16/87
 Case Number: 10165
 Staff Initial: VP
 Substance: Gasoline
 Substance Qty: Not reported
 Interim Remediation: N
 Maximum MTBE Soil: Not reported
 Maximum MTBE GW: Not reported
 MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: 8000
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Not reported
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 08/18/93

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SFFD STATION #38 (Continued)

S101308248

Facility Staff: SC
 Facility Status: 0
 Funding: Federal
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: 9/30/88
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: / /
 Abatement: No Action Taken
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: BUCHANNAN ST
 Benzene Test: YES
 TPH Tested: YES
 Max TPH GW: 8000
 Max TPH Soil: 6500
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: No further action

FH595 RESIDENTIAL
SSE 2150 GROVE ST
> 1 SAN FRANCISCO, CA 94117
10471 ft.

HAZNET S103963443
Cortese N/A

Site 2 of 3 in cluster FH

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC001419072
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.6680
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: ESTATE OF GRACE OPPICI
 Telephone: (000) 000-0000
 Mailing Address: 1866 10TH AVE
 SAN FRANCISCO, CA 94122
 County San Francisco

**Actual:
 294 ft.**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2150 GROVE ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

FH596
SSE
 > 1
 10471 ft.

RESIDENCE
2150 GROVE STREET
SAN FRANCISCO, CA 94133

LUST **S105248041**
N/A

Site 3 of 3 in cluster FH

Relative:
Higher

State LUST:

Actual:
294 ft.

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-1185
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 10/30/98 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 09/15/1998
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: MA
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11075
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: San Francisco Sand D
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : / /
 Work Suspended :Not reported
 Responsible Party:Not reported
 RP Address: Not reported
 Global Id: T0607501072
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105248041

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11075
Facility Id: 38-1185
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1185
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 9/15/98
Number of Wells: 0
Cross Street: SHRADER ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: ND
Benzene: Not reported
Depth to Groundwater: NA
Gradient: NA
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 10/28/98
Closed Date: 10/30/98
Review Date: / /
Report Date: 09/15/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 09/11/98
How Discovered: Tank Closure
Discovered Date: 09/15/98
Case Number: 11075
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: Y
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENCE (Continued)

S105248041

MTBE DATE: / /
 Max Soil Concentration: Not reported
 Maximum Soil GW: ND
 Lead Agency: Local Agency
 Local Agency: 38000
 Enforcement Type: 1
 Reg Board: 2
 Responsible Party: Caroline Taylor,
 RP Address: Not reported
 Operator: Not reported
 Entered Date: 10/28/98
 Facility Staff: MA
 Facility Status: 9
 Funding: State
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: / /
 Workplan Submitted: Not reported
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: 10/30/98
 Abatement: Excavate and Dispose (landfill) of soil
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: SHRADER ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: No Further action

FJ597 KRIPALANI PROPERTY
ESE 2255 OCTAVIA ST
> 1 SAN FRANCISCO, CA 94109
10477 ft.

LUST S102432308
Cortese N/A

**Relative:
 Higher**

Site 1 of 2 in cluster FJ

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0574
 Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 38000L

**Actual:
 310 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KRIPALANI PROPERTY (Continued)

S102432308

Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 9/20/95 0:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 05/19/1995
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: SC
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Low priority. Priority ranking can change over time.
Local Case # : 10425
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500501
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtb Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST San Francisco County:

Facility ID: 38 0574
Region: SAN FRANCISCO
Notify: False
Lat/Long: 37.793076 / 122.426662
Priority: Low Priority Site
Case Type: Soil only
Release Date: 5/18/95

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KRIPALANI PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102432308

Number of Wells: 0
Cross Street: JACKSON ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: FUEL OIL NOS. 1 6
Basin: Marina Basin
Enforcement Type: NOR
Enforcement Due Date: 07/20/95
NOR Date: 7/20/95
Closed Date: 9/20/95
Review Date: / /
Report Date: 05/18/95
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
Stopped Date: / /
How Discovered: Not reported
Discovered Date: 05/19/95
Case Number: 10425
Staff Initial: VP
Substance: Gasoline
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 07/20/95
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/20/95
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

KRIPALANI PROPERTY (Continued)

S102432308

Cross Street: JACKSON ST
 Benzene Test: Not reported
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 5/18/95 [leak

 CORTESE:
 Region: CORTESE
 Fac Address 2: 2255 OCTAVIA ST

FJ598 NARESH KRIPALANI
ESE 2255 OCTAVIA STREET
> 1 SAN FRANCISCO, CA 94109
10477 ft.

HAZNET S102801788
LUST N/A

Relative:
Higher

Actual:
310 ft.

Site 2 of 2 in cluster FJ
 LUST Region 2:
 Region: 2
 Case Number: 10425
 Facility Id: 38-0574
 Facility Status: Case Closed
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

 HAZNET:
 Gepaid: CAC001010568
 TSD EPA ID: CAD004771168
 Gen County: San Francisco
 Tsd County: San Francisco
 Tons: .7500
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Contact: NARESH KRIPALANI
 Telephone: (000) 000-0000
 Mailing Address: 2255 OCTAVIA STREET
 SAN FRANCISCO, CA 94109
 County: San Francisco

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NARESH KRIPALANI (Continued)

S102801788

Gepaid: CAC001010568
 TSD EPA ID: CAD083166728
 Gen County: San Francisco
 Tsd County: Stanislaus
 Tons: 2.7105
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: NARESH KRIPALANI
 Telephone: (000) 000-0000
 Mailing Address: 2255 OCTAVIA STREET
 SAN FRANCISCO, CA 94109
 County San Francisco

599
 SW
 > 1
 10481 ft.

**520 26TH AVE.
 SAN FRANCISCO, CA 94014**

**CHMIRS S105676730
 N/A**

**Relative:
 Higher**

CHMIRS:
 OES Control Number: 01-1109
 Chemical Name: Mineral Oil;;
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported
 Agency Id Number : Not reported
 Agency Incident Number : Not reported
 OES Incident Number : 01-1109
 Time Notified : Not reported
 Surrounding Area : Not reported
 Estimated Temperature : Not reported
 Property Management : Not reported
 More Than Two Substances Involved? : Not reported
 Special Studies 1 : Not reported
 Special Studies 2 : Not reported
 Special Studies 3 : Not reported
 Special Studies 4 : Not reported
 Special Studies 5 : Not reported
 Special Studies 6 : Not reported
 Responding Agency Personel # Of Injuries : Not reported
 Responding Agency Personel # Of Fatalities : 0
 Resp Agncy Personel # Of Decontaminated : Not reported
 Others Number Of Decontaminated : Not reported
 Others Number Of Injuries : Not reported
 Others Number Of Fatalities : Not reported
 Vehicle Make/year : Not reported
 Vehicle License Number : Not reported
 Vehicle State : Not reported
 Vehicle Id Number : Not reported
 CA/DOT/PUC/ICC Number : Not reported
 Company Name : Not reported
 Reporting Officer Name/ID : Not reported
 Report Date : Not reported
 Comments : Not reported
 Facility Telephone Number : Not reported
 Waterway Involved : No
 Waterway : Not reported

**Actual:
 163 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105676730

Spill Site :	Residence
Cleanup By :	Reporting Party
Containment :	Yes
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	2/23/200111:55:51 AM
Evacuations :	0
True date :	12/31/03
Year :	2001
Agency :	PG&E
BBLs :	0
Cups :	0
CUFT :	0
Gallons :	1
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0.000000
Description :	Transformer popped lid and failed, spilling oil onto the ground, on two cars, asphalt and concrete.
Incident date :	2/22/2001 12:00:00 AM
Admin Agency :	San Francisco County Health Department
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

**FE600
 ESE
 > 1
 10480 ft.**

**RESIDENTIAL
 2195 SACRAMENTO STREET
 SAN FRANCISCO, CA 94117**

**LUST S105244857
 N/A**

Site 3 of 4 in cluster FE

**Relative:
 Higher**

State LUST:

**Actual:
 316 ft.**

Cross Street: Not reported
 Qty Leaked: 0
 Case Number 38-1249
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1/7/99 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S105244857

Discover Date : 11/03/1998
Enforcement Dt : Not reported
Enf Type: NOR
Enter Date : Not reported
Funding: Not reported
Staff Initials: MA
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 11125
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607501134
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 11125
Facility Id: 38-1249
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 1249

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S105244857

Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 11/3/98
Number of Wells: 0
Cross Street: LAGUNA ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NRQ
Benzene: Not reported
Depth to Groundwater: NA
Gradient: NA
Primary Substance: FUEL OIL NOS. 1 6
Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 12/23/98
Closed Date: 1/7/99
Review Date: / /
Report Date: 11/03/98
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Repair Tank
Stopped Date: 10/27/98
How Discovered: Tank Closure
Discovered Date: 11/03/98
Case Number: 11125
Staff Initial: VP
Substance: Heater Fuel
Substance Qty: Not reported
Interim Remediation: N
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: ND
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: John Meirana,360
RP Address: Not reported
Operator: Not reported
Entered Date: 12/23/98
Facility Staff: MA
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: / /
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RESIDENTIAL (Continued)

S105244857

Case Closed: 01/07/99
 Abatement: No Action Required
 CUFID: Not reported
 Beneficial Use: No
 Suspended: No
 Program: LOP
 Cross Street: LAGUNA ST
 Benzene Test: ND
 TPH Tested: Not reported
 Max TPH GW: Not reported
 Max TPH Soil: Not reported
 TPH Date: / /
 Block: Not reported
 Lot: Not reported
 TPH Current: Not reported
 TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: Case Closed.

**FE601
 ESE
 > 1
 10480 ft.**

**RESIDENTIAL
 2195 SACRAMENTO ST
 SAN FRANCISCO, CA 94109**

**HAZNET S103642467
 Cortese N/A**

Site 4 of 4 in cluster FE

**Relative:
 Higher**

**Actual:
 316 ft.**

HAZNET:
 Gepaid: CAC001368176
 TSD EPA ID: CAD990794133
 Gen County: San Francisco
 Tsd County: San Joaquin
 Tons: 2.5284
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: JOHN MEIRANA
 Telephone: (415) 567-4800
 Mailing Address: 1958 UNION ST
 SAN FRANCISCO, CA 94123
 County San Francisco
 Gepaid: CAC002120408
 TSD EPA ID: NVD982358483
 Gen County: San Francisco
 Tsd County: 99
 Tons: 1.8765
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: JOHN MEIRANA
 Telephone: (415) 567-4800
 Mailing Address: 1958 UNION ST
 SAN FRANCISCO, CA 94123
 County San Francisco

CORTESE:
 Region: CORTESE
 Fac Address 2: 2195 SACRAMENTO ST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

602 **COMMERCIAL PROPERTY**
East **2900 FRANKLIN ST**
> 1 **SAN FRANCISCO, CA 94123**
10485 ft.

LUST **S106117886**
N/A

Relative:
Lower

State LUST:

Actual:
74 ft.

Cross Street: LOMBARD
 Qty Leaked: 0
 Case Number 38-2215
 Reg Board: 2
 Chemical: Heater Fuel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: 5/8/03 0:00
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 5/14/03 0:00
 Release Date: 05/13/2003
 Cleanup Fund Id : Not reported
 Discover Date : 05/08/2003
 Enforcement Dt : Not reported
 Enf Type: FREV
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: AL
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Corrosion
 Leak Source: Tank
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 11554
 Beneficial: Not reported
 Staff : VP
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 05/08/2003
 Work Suspended : Not reported
 Responsible Party DOMINIC & JEANETTE YAM
 RP Address: 61 COLLINS ST
 Global Id: T0607510164
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: Not reported
 Mtbe Fuel: Not reported
 Water System Name: Not reported
 Well Name: Not reported

Confirm Leak: 5/8/03 0:00
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COMMERCIAL PROPERTY (Continued)

S106117886

Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
 Case Number: 11554
 Facility Id: 38-2215
 Facility Status: Case Closed
 How Discovered: TC
 Leak Cause: Corrosion
 Leak Source: Tank
 Date Leak Confirmed: 5/8/2003
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Remediation Action Underway: Not reported

**FK603
 SE
 > 1
 10493 ft.**

**PACIFIC COAST HOSPITAL
 1210 SCOTT STREET
 SAN FRANCISCO, CA 94115**

**LUST U003746227
 N/A**

Site 1 of 2 in cluster FK

**Relative:
 Higher**

**Actual:
 148 ft.**

State LUST:

Cross Street: Not reported
 Qty Leaked: 0
 Case Number: 38-0791
 Reg Board: 2
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 38000L
 Case Type: Soil only
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 12/18/96 0:00
 Release Date: Not reported
 Cleanup Fund Id : Not reported
 Discover Date : 05/28/1996
 Enforcement Dt : Not reported
 Enf Type: NOR
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: SC
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC COAST HOSPITAL (Continued)

U003746227

Local Case # : 10639
Beneficial: Not reported
Staff : VP
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : San Francisco Sand D
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : / /
Work Suspended :Not reported
Responsible Party:Not reported
RP Address: Not reported
Global Id: T0607500688
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: Not reported
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2
Case Number: 10639
Facility Id: 38-0791
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST San Francisco County:

Facility ID: 38 0791
Region: SAN FRANCISCO
Notify: False
Lat/Long: Not reported
Priority: Unranked by RWQCB
Case Type: Soil only
Release Date: 5/14/96
Number of Wells: 0
Cross Street: EDDY ST
Free Product: No
Amount of Free Produce: Not reported
MTBE: NT
Benzene: Not reported
Depth to Groundwater: Not reported
Gradient: Not reported
Primary Substance: DIESEL FUEL OIL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC COAST HOSPITAL (Continued)

U003746227

Basin: Downtown Basin
Enforcement Type: NOR
Enforcement Due Date: / /
NOR Date: 5/23/96
Closed Date: 12/18/96
Review Date: / /
Report Date: 05/14/96
Leak Source: Unknown
Leak Cause: Unknown
How Stopped: Remove Contents
Stopped Date: 06/01/96
How Discovered: Other Means
Discovered Date: 05/28/96
Case Number: 10639
Staff Initial: VP
Substance: Diesel
Substance Qty: Not reported
Interim Remediation: Not reported
Maximum MTBE Soil: Not reported
Maximum MTBE GW: Not reported
MTBE DATE: / /
Max Soil Concentration: Not reported
Maximum Soil GW: Not reported
Lead Agency: Local Agency
Local Agency: 38000
Enforcement Type: 1
Reg Board: 2
Responsible Party: Not reported
RP Address: Not reported
Operator: Not reported
Entered Date: 05/23/96
Facility Staff: SC
Facility Status: 9
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 06/12/96
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/18/96
Abatement: Not reported
CUFID: Not reported
Beneficial Use: No
Suspended: No
Program: LOP
Cross Street: EDDY ST
Benzene Test: Not reported
TPH Tested: Not reported
Max TPH GW: Not reported
Max TPH Soil: Not reported
TPH Date: / /
Block: Not reported
Lot: Not reported
TPH Current: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PACIFIC COAST HOSPITAL (Continued)

U003746227

TPH Current Date: Not reported
 MTBE Current: Not reported
 MTBE Current Date: Not reported
 Ground Water Qualifier: Not reported
 Soil Qualifier: Not reported
 Comments: Not reported
 Summary: 5/14/96 [leak]

**FK604
 SE
 > 1
 10493 ft.**

**PACIFIC COAST HOSPITAL
 1210 SCOTT ST
 SAN FRANCISCO, CA 94115**

**HAZNET S104732667
 Cortese N/A**

Site 2 of 2 in cluster FK

**Relative:
 Higher**

HAZNET:

**Actual:
 148 ft.**

Gepaid: CAL000063856
 TSD EPA ID: CAD980887418
 Gen County: San Francisco
 Tsd County: 1
 Tons: 2.0850
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: PACIFIC COAST HOSPITAL
 Telephone: (000) 000-0000
 Mailing Address: 1210 SCOTT ST
 SAN FRANCISCO, CA 94115
 County: San Francisco

Gepaid: CAC002485583
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: 99
 Tons: 0.65
 Waste Category: Polychlorinated biphenyls and material containing PCB's
 Disposal Method: Recycler
 Contact: RICHARD SPRINGWATER/WILSON EQU
 Telephone: (415) 905-5363
 Mailing Address: 199 1ST ST
 SAN FRANCISCO, CA 94105
 County: Not reported

Gepaid: CAC002485583
 TSD EPA ID: Not reported
 Gen County: San Francisco
 Tsd County: Los Angeles
 Tons: 0.42
 Waste Category: Other organic solids
 Disposal Method: Transfer Station
 Contact: RICHARD SPRINGWATER/WILSON EQU
 Telephone: (415) 905-5363
 Mailing Address: 199 1ST ST
 SAN FRANCISCO, CA 94105
 County: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC COAST HOSPITAL (Continued)

S104732667

Gepaid: CAC002485583
TSD EPA ID: Not reported
Gen County: San Francisco
Tsd County: Alameda
Tons: 122.18
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: RICHARD SPRINGWATER/WILSON EQU
Telephone: (415) 905-5363
Mailing Address: 199 1ST ST
 SAN FRANCISCO, CA 94105
County Not reported

Gepaid: CAC002485583
TSD EPA ID: Not reported
Gen County: San Francisco
Tsd County: San Bernardino
Tons: 0.20
Waste Category: Unspecified aqueous solution
Disposal Method: Transfer Station
Contact: RICHARD SPRINGWATER/WILSON EQU
Telephone: (415) 905-5363
Mailing Address: 199 1ST ST
 SAN FRANCISCO, CA 94105
County Not reported

[Click this hyperlink](#) while viewing on your computer to access
2 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:
Region: CORTESE
Fac Address 2: 1210 SCOTT ST

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN FRANCISCO	S106162125	PRESIDIO OF SAN FRANCISCO BLDG 749	749 A / B PORTOLA STREET		LUST
SAN FRANCISCO	S105674996		14TH ST. AND MISSION		LUST, CHMIRS
SAN FRANCISCO	S103980359	OVERSEAS NEW YORK/THIRD SHIPMOR AS	ANCHORAGE 9		HAZNET, CHMIRS
SAN FRANCISCO	S102801814	REDWOOD OIL COMPANY	BAKER BEACH AT PRESIDIO		HAZNET, CHMIRS
SAN FRANCISCO	S105692870	PRESIDIO OF SAN FRANCISCO UST 1351	1351 BATTERY SAFFORD ROAD	94129	LUST
SAN FRANCISCO	S106162168	PRESIDIO OF SAN FRANCISCO NIKE FA	1450/1 BATTERY CAULFIELD ROAD		LUST
SAN FRANCISCO	1003878917	PG&E GAS PLANT SAN FRANCISCO 502 1	BAY NORTHPOINT BUCHANAN LAGUNA	94123	CERC-NFRAP
SAN FRANCISCO	S106386856	SIMONE PROPERTY	BAY ST	94123	LUST
SAN FRANCISCO	S106386869	RESIDENCE	BAY ST	94123	LUST
SAN FRANCISCO	S103678295	EXPLORATORIUM	BLDG 1188 PRESIDIO OF SF	94129	HAZNET
SAN FRANCISCO	S106101902	GOLDEN GATE BRIDGE	P.O. BOX 9000, PRESIDIO STATIO	94129	CA WDS
SAN FRANCISCO	S105087370	PRESIDIO INTERNET CENTER LLC	BUILDING 38 KEYES AVENUE	94129	HAZNET
SAN FRANCISCO	1001231280	CITY COLLEGE OF SAN FRANCISCO	C C S F FORT MASON CAMPUS	94123	RCRIS-SQG, FINDS
SAN FRANCISCO	S106229899	GAS STATION FORMER	2495 9 CALIFORNIA ST	94115	LUST
SAN FRANCISCO	S103678492	PRESIDION	CORNER OF MASON / ZANOWITZ	94129	HAZNET
SAN FRANCISCO	1001022966	CALTRANS DIST 4	CRISSY FIELD PRESIDIO SF	94129	RCRIS-SQG, FINDS, HAZNET
SAN FRANCISCO	S106163094	PRESIDIO OF SAN FRANCISCO BLDG 231	231/207 HALLECK STREET		LUST
SAN FRANCISCO	S103987273	SEARIVER NEW ORLEANS	HOME PORT - SAN FRANCISCO		HAZNET
SAN FRANCISCO	S103986530	SAN PEDRO (VESSEL #631605)	HOMEPORT IS SAN FRANCISCO		HAZNET
SAN FRANCISCO	S103987276	SEARIVER SAN FRANCISCO	HOMEPORT IS SAN FRANCISCO		HAZNET
SAN FRANCISCO	S104654474	HUNTER'S POINT	HUNTER'S POINT NAVAL SHIPYARD		SWF/LF
SAN FRANCISCO	S106163333	PRESIDIO OF SAN FRANCISCO UST 338.	338A INFANTRY TERRACE		LUST
SAN FRANCISCO	S103679039	CCSF DEPT OF PUBLIC HEALTH	INSIDE GOLDEN GATE PARK		HAZNET
SAN FRANCISCO	S102797068	CONSERVATORY IN GOLDEN GATE PARK	JOHN F KENNEDY DRIVE		HAZNET
SAN FRANCISCO	S103679159	D E N TRANS	LINCON/RALSTON	94129	HAZNET
SAN FRANCISCO	S102801828	CAL TRANS - DISTRICT 4	LUNDEEN STREET, ACROSS FROM	94129	HAZNET
SAN FRANCISCO	S106386832	RESIDENTIAL	MAPLE ST	94118	LUST
SAN FRANCISCO	S103679232	SFCC FORT MASON	MARINA / LAGUNA BLVD BLDG B		HAZNET
SAN FRANCISCO	S106163779	RESIDENTIAL PROPERTY	ONE MAPLE ST	94118	LUST
SAN FRANCISCO	S106386866	RESIDENCE	PACIFIC AVE	94115	LUST
SAN FRANCISCO	S106386889	RESIDENCE	PALM AVE	94118	LUST
SAN FRANCISCO	S106162356	HUNTERS POINT NAVAL SHIPYARD UST S	PARC. A HUNTERS POINT SHIPYARD		LUST
SAN FRANCISCO	S105003821	WEST COAST RECYCLING COMPANY AT PI	PIER 96		SWF/LF
SAN FRANCISCO	S104566188	THE PATRIOT 571049	PORT OF SAN FRANCISCO		HAZNET
SAN FRANCISCO	S105093285	S/R PUGET SOUND	PORT OF SAN FRANCISCO VARIOUS		HAZNET
SAN FRANCISCO	1006333620	ARMY, DEPARTMENT OF THE	PRESIDIO OF SAN FRANCISCO	94129	MLTS
SAN FRANCISCO	S103679680	NATIONAL PARK SERVICE-HHW PRESIDIO	PRESIDIO FIRE STATION LOT 220	94129	HAZNET
SAN FRANCISCO	S105030712	CHEVRON PRODUCTS CO	SAN FRANCISCO INT'L AIRPORT		HAZNET
SAN FRANCISCO	S105027567	DE YOUNG MUSEUM	25 TEA GARDEN DRIVE	94118	LUST
SAN FRANCISCO	S103986344	SAN FRANCISCO CNTY/CLANDESTINE DRU	VARIOUS LOCATIONS IN SAN FRANC		HAZNET

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D008	LEAD
D013	LINDANE
D018	BENZENE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/04

Date Made Active at EDR: 05/21/04

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/04/04

Elapsed ASTM days: 17

Date of Last EDR Contact: 05/04/04

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 04/27/04

Date Made Active at EDR: 05/21/04

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/04/04

Elapsed ASTM days: 17

Date of Last EDR Contact: 05/04/04

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/26/04

Date Made Active at EDR: 04/02/04

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/04

Elapsed ASTM days: 11

Date of Last EDR Contact: 03/22/04

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/26/04
Date Made Active at EDR: 04/02/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/04
Elapsed ASTM days: 11
Date of Last EDR Contact: 03/22/04

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/04
Date Made Active at EDR: 04/15/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/25/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 03/08/04

RCRIS: Resource Conservation and Recovery Information System

Source: EPA
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 04/13/04
Date Made Active at EDR: 05/13/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 04/20/04
Elapsed ASTM days: 23
Date of Last EDR Contact: 04/20/04

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/03
Date Made Active at EDR: 03/12/04
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/26/04
Elapsed ASTM days: 46
Date of Last EDR Contact: 04/26/04

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices
Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Source: EPA
Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/08/04
Database Release Frequency: Annually

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/04/04
Date of Next Scheduled EDR Contact: 08/02/04

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/08/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/17/04
Database Release Frequency: Annually

Date of Last EDR Contact: 04/20/04
Date of Next Scheduled EDR Contact: 07/19/04

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/19/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 03/05/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/30/04
Date of Next Scheduled EDR Contact: 06/28/04

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/12/04
Date of Next Scheduled EDR Contact: 05/24/04

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/30/04
Database Release Frequency: Annually

Date of Last EDR Contact: 05/12/04
Date of Next Scheduled EDR Contact: 08/09/04

DOD: Department of Defense Sites

Source: USGS
Telephone: 703-692-8801

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/02/04
Date of Next Scheduled EDR Contact: 05/10/04

STORMWATER: Storm Water General Permits

Source: Environmental Protection Agency
Telephone: 202 564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: N/A
Database Release Frequency: Quarterly

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

INDIAN RESERV: Indian Reservations

Source: USGS
Telephone: 202-208-3710

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/02/04
Date of Next Scheduled EDR Contact: 05/10/04

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency
Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/14/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/15/04
Date of Next Scheduled EDR Contact: 06/14/04

RMP: Risk Management Plans

Source: Environmental Protection Agency
Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Database Release Frequency: N/A

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 10/01/03
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/04
Date of Next Scheduled EDR Contact: 07/05/04

UMTRA: Uranium Mill Tailings Sites

Source: Department of Energy
Telephone: 505-845-0011

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 04/22/04
Database Release Frequency: Varies

Date of Last EDR Contact: 06/21/04
Date of Next Scheduled EDR Contact: 09/20/04

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

TRIS: Toxic Chemical Release Inventory System

Source: EPA
Telephone: 202-566-0250

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 03/23/04
Date of Next Scheduled EDR Contact: 06/21/04

TSCA: Toxic Substances Control Act

Source: EPA
Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 03/05/04
Date of Next Scheduled EDR Contact: 06/07/04

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA
Telephone: 202-564-2501

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/13/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/04
Date of Next Scheduled EDR Contact: 06/21/04

SSTS: Section 7 Tracking Systems

Source: EPA
Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/04
Date of Next Scheduled EDR Contact: 07/19/04

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/13/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/04
Date of Next Scheduled EDR Contact: 06/21/04

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency
Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 06/01/04
Date Made Active at EDR: 06/25/04
Database Release Frequency: Annually

Date of Data Arrival at EDR: 06/04/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 06/04/04

CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control
Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 06/01/04
Date Made Active at EDR: 06/25/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/04/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 06/04/04

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services
Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/03
Date Made Active at EDR: 06/25/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/18/04
Elapsed ASTM days: 38
Date of Last EDR Contact: 05/13/04

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 04/28/04

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board
Telephone: 916-445-3846

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 04/19/04

TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board
Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 05/03/04

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/15/04
Date Made Active at EDR: 04/14/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/17/04
Elapsed ASTM days: 28
Date of Last EDR Contact: 03/16/04

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board
Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 03/11/04

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-341-5740

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/13/04
Date Made Active at EDR: 04/29/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/13/04
Elapsed ASTM days: 16
Date of Last EDR Contact: 04/13/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services
Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:**UST:** Active UST Facilities

Source: SWRCB
Telephone: 916-341-5700
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/13/04
Date Made Active at EDR: 04/29/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/13/04
Elapsed ASTM days: 16
Date of Last EDR Contact: 04/13/04

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 06/01/04
Date Made Active at EDR: 06/25/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/04/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 06/04/04

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

Source: Environmental Protection Agency
Telephone: 415-972-3372

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/09/04
Date Made Active at EDR: 03/01/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 02/10/04
Elapsed ASTM days: 20
Date of Last EDR Contact: 01/27/04

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

Source: EPA Region 10
Telephone: 206-553-2857

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 03/11/04
Date Made Active at EDR: 03/31/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/12/04
Elapsed ASTM days: 19
Date of Last EDR Contact: 01/27/04

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: 02/25/04
Date Made Active at EDR: 03/24/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/01/04
Elapsed ASTM days: 23
Date of Last EDR Contact: 02/23/04

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency
Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-341-5700

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/03/04
Date of Next Scheduled EDR Contact: 08/02/04

CLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control
Telephone: 916-225-0873

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/21/04
Database Release Frequency: Annually

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

CA WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-341-5227
Sites which have been issued waste discharge requirements.

Date of Government Version: 04/05/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/04
Date of Next Scheduled EDR Contact: 06/21/04

DEED: List of Deed Restrictions

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 04/06/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/06/04
Date of Next Scheduled EDR Contact: 07/05/04

NFA: No Further Action Determination

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 06/01/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/04/04
Date of Next Scheduled EDR Contact: 08/30/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EMI: Emissions Inventory Data

Source: California Air Resources Board

Telephone: 916-322-2990

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/02

Database Release Frequency: Varies

Date of Last EDR Contact: 04/20/04

Date of Next Scheduled EDR Contact: 07/19/04

REF: Unconfirmed Properties Referred to Another Agency

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 06/01/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/04/04

Date of Next Scheduled EDR Contact: 08/30/04

SCH: School Property Evaluation Program

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 06/01/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/04/04

Date of Next Scheduled EDR Contact: 08/30/04

NFE: Properties Needing Further Evaluation

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 06/01/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/04/04

Date of Next Scheduled EDR Contact: 08/30/04

HAZNET: Facility and Manifest Data

Source: California Environmental Protection Agency

Telephone: 916-255-1136

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/02

Database Release Frequency: Annually

Date of Last EDR Contact: 05/10/04

Date of Next Scheduled EDR Contact: 08/09/04

LOCAL RECORDS**ALAMEDA COUNTY:****Local Oversight Program Listing of UGT Cleanup Sites**

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/09/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/26/04
Date of Next Scheduled EDR Contact: 07/26/04

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 12/09/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/26/04
Date of Next Scheduled EDR Contact: 07/26/04

CONTRA COSTA COUNTY:

Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 03/05/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health
Telephone: 559-445-3271

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 05/11/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/10/04
Date of Next Scheduled EDR Contact: 08/09/04

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700

Kern County Sites and Tanks Listing.

Date of Government Version: 01/27/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 06/03/03
Database Release Frequency: Varies

Date of Last EDR Contact: 02/20/04
Date of Next Scheduled EDR Contact: 05/17/04

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department
Telephone: 310-524-2236

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/16/04
Date of Next Scheduled EDR Contact: 05/17/04

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 03/28/03
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 02/17/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/16/04
Date of Next Scheduled EDR Contact: 05/17/04

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/04
Database Release Frequency: Varies

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/30/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 05/17/04

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/26/04
Database Release Frequency: Annually

Date of Last EDR Contact: 02/16/04
Date of Next Scheduled EDR Contact: 05/17/04

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 02/10/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/03/04
Date of Next Scheduled EDR Contact: 08/02/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/29/04
Date of Next Scheduled EDR Contact: 06/28/04

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/29/04
Database Release Frequency: Annually

Date of Last EDR Contact: 03/29/04
Date of Next Scheduled EDR Contact: 06/28/04

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/01/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 03/01/04
Database Release Frequency: Annually

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/17/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/17/04
Date of Next Scheduled EDR Contact: 06/21/04

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/23/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/19/04
Date of Next Scheduled EDR Contact: 07/19/04

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 12/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/19/04
Date of Next Scheduled EDR Contact: 07/19/04

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 04/16/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/07/04
Date of Next Scheduled EDR Contact: 08/02/04

ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 04/16/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/07/04
Date of Next Scheduled EDR Contact: 08/02/04

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 04/15/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/04
Date of Next Scheduled EDR Contact: 07/05/04

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 06/07/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/07/04
Date of Next Scheduled EDR Contact: 09/06/04

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 03/08/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 01/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/12/04
Date of Next Scheduled EDR Contact: 07/12/04

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/07/04
Database Release Frequency: Annually

Date of Last EDR Contact: 03/02/04
Date of Next Scheduled EDR Contact: 07/12/04

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 12/31/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/30/04
Date of Next Scheduled EDR Contact: 06/28/04

Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 10/01/03
Database Release Frequency: Annually

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/18/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/15/04
Date of Next Scheduled EDR Contact: 06/14/04

Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 03/18/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/15/04
Date of Next Scheduled EDR Contact: 06/14/04

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 04/26/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/26/04
Date of Next Scheduled EDR Contact: 07/26/04

SUTTER COUNTY:

Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 01/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 09/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/26/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/15/04
Date of Next Scheduled EDR Contact: 07/12/04

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/26/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 01/27/04
Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/04
Date of Next Scheduled EDR Contact: 07/19/04

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 03/31/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/12/04
Date of Next Scheduled EDR Contact: 07/12/04

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03
Database Release Frequency: Varies

Date of Last EDR Contact: 02/16/04
Date of Next Scheduled EDR Contact: 05/17/04

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/10/04
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291

Date of Government Version: 04/01/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/04
Date of Next Scheduled EDR Contact: 07/05/04

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/09/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 05/27/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 02/26/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/26/04
Date of Next Scheduled EDR Contact: 06/28/04

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 04/01/04
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/12/04
Date of Next Scheduled EDR Contact: 08/09/04

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/19/04
Date of Next Scheduled EDR Contact: 07/19/04

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 03/31/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/12/04
Date of Next Scheduled EDR Contact: 07/12/04

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/16/04
Date of Next Scheduled EDR Contact: 05/17/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 05/13/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/26/04

Date of Next Scheduled EDR Contact: 07/26/04

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 04/01/04

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/05/04

Date of Next Scheduled EDR Contact: 07/05/04

SLIC REG 6L: SLIC Sites

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574

Date of Government Version: 06/07/04

Database Release Frequency: Varies

Date of Last EDR Contact: 06/07/04

Date of Next Scheduled EDR Contact: 09/06/04

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583

Date of Government Version: 04/01/04

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/05/04

Date of Next Scheduled EDR Contact: 07/05/04

SLIC REG 7: SLIC List

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491

Date of Government Version: 06/08/04

Database Release Frequency: Varies

Date of Last EDR Contact: 06/07/04

Date of Next Scheduled EDR Contact: 08/23/04

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-3298

Date of Government Version: 04/01/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/04

Date of Next Scheduled EDR Contact: 07/05/04

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980

Date of Government Version: 04/29/04

Database Release Frequency: Annually

Date of Last EDR Contact: 04/29/04

Date of Next Scheduled EDR Contact: 05/31/04

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS DATABASES

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 06/01/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/04/04

Date of Next Scheduled EDR Contact: 08/30/04

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency

Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A

Date of Next Scheduled EDR Contact: N/A

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DOYLE DRIVE REPLACEMENT
DOYLE DRIVE
SAN FRANCISCO, CA 94129

TARGET PROPERTY COORDINATES

Latitude (North):	37.801701 - 37° 48' 6.1"
Longitude (West):	122.462502 - 122° 27' 45.0"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	547319.2
UTM Y (Meters):	4183744.5
Elevation:	86 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

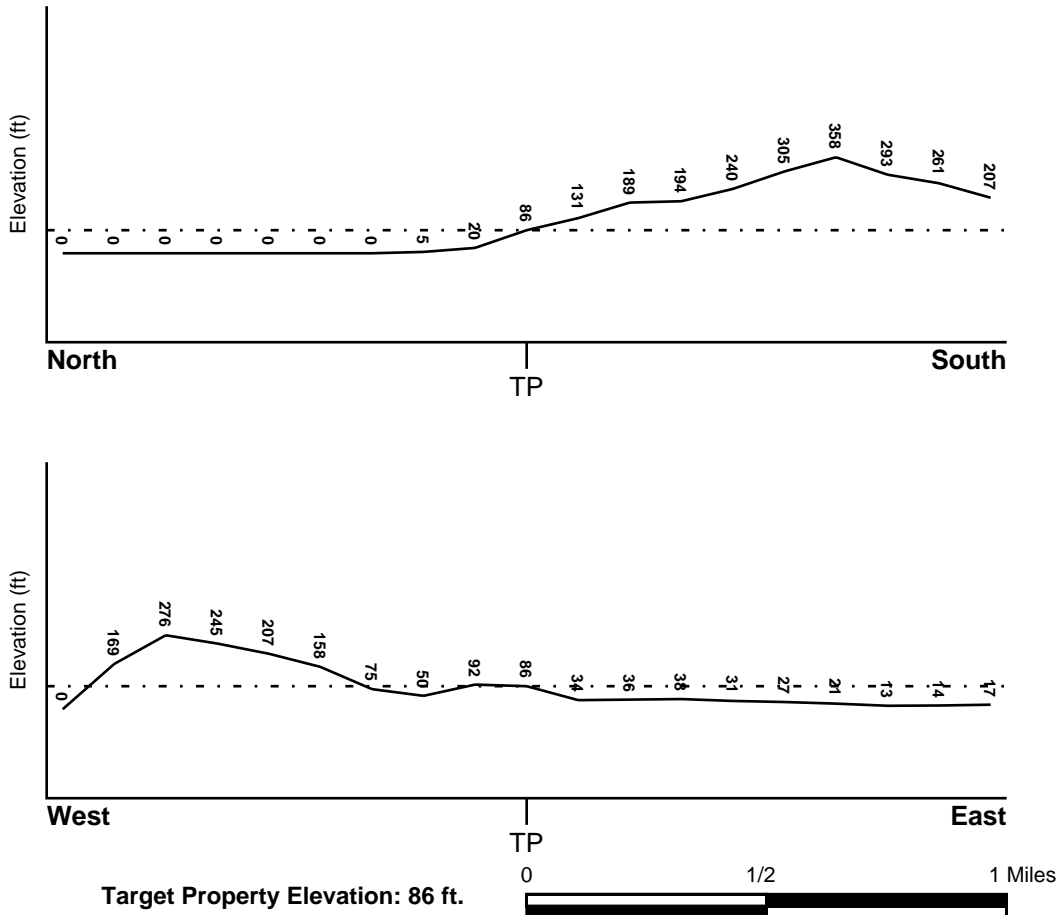
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 37122-G4 SAN FRANCISCO NORTH, CA
General Topographic Gradient: General North
Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
SAN FRANCISCO, CA	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
SAN FRANCISCO NORTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Location Relative to TP:	1/8 - 1/4 Mile SW
Site Name:	Presidio Of San Francisco
Site EPA ID Number:	CA7210020791
Groundwater Flow Direction:	USUALLY TOWARDS SAN FRANCISCO BAY OR THE PACIFIC OCEAN, FOLLOWING THE UNWEATHERED BEDROCK SURFACE.
Measured Depth to Water:	0.5 foot to 80 feet.
Hydraulic Connection:	Information is not available about the hydraulic connection between aquifer(s) underlying the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
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* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A2	1/2 - 1 Mile SSE	NW
A3	1/2 - 1 Mile SSE	NW
4	1/2 - 1 Mile ESE	NE
A5	1/2 - 1 Mile SSE	E,W,Varies
A6	1/2 - 1 Mile SSE	Varies
8	1/2 - 1 Mile East	S
B10	1/2 - 1 Mile ENE	NE
B11	1/2 - 1 Mile ENE	NE
12	1/2 - 1 Mile South	Not Reported
C13	1/2 - 1 Mile SSE	SW
D14	1/2 - 1 Mile SSE	SW
D15	1/2 - 1 Mile SSE	SW
D16	1/2 - 1 Mile SSE	NW
B17	1/2 - 1 Mile ENE	W
C18	1/2 - 1 Mile SE	NE
C19	1/2 - 1 Mile SSE	NE

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
 System: Permian
 Series: Ultramafic rocks
 Code: uM (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: very gravelly - sandy loam
fine sandy loam

Surficial Soil Types: very gravelly - sandy loam
fine sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: unweathered bedrock
coarse sand

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	2.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CA1810700	1/4 - 1/2 Mile South

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
E20	2554	1 - 2 Miles SW
E21	2555	1 - 2 Miles SW
E22	19099	1 - 2 Miles SW
E23	2553	1 - 2 Miles SW

PHYSICAL SETTING SOURCE MAP - 01222743.1r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



TARGET PROPERTY: Doyle Drive Replacement
 ADDRESS: Doyle Drive
 CITY/STATE/ZIP: San Francisco CA 94129
 LAT/LONG: 37.8017 / 122.4625

CUSTOMER: Baseline Environmental Cons.
 CONTACT: Todd Taylor
 INQUIRY #: 01222743.1r
 DATE: June 30, 2004 7:44 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1			
South		FRDS PWS	CA1810700
1/4 - 1/2 Mile			
Higher			

PWS ID:	CA1810700	PWS Status:	Not Reported
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	SIERRA ARMY DEPOT-HERLONG HERLONG, CA 96113		

Treatment Objective: MANGANESE REMOVAL
Treatment Process: SEQUESTRATION
Source: Ground water

Addressee / Facility: Not Reported

Facility Latitude: 37 47 48	Facility Longitude: 122 27 42
City Served: Not Reported	
Treatment Class: Treated	Population: 953

PWS currently has or had major violation(s) or enforcement: No

A2	Site ID: 38-0779		
SSE	Groundwater Flow: NW	AQUIFLOW	69758
1/2 - 1 Mile	Shallow Water Depth: 54		
Higher	Deep Water Depth: 78		
	Average Water Depth: Not Reported		
	Date: 12/05/1996		

A3	Site ID: 38-0779		
SSE	Groundwater Flow: NW	AQUIFLOW	69757
1/2 - 1 Mile	Shallow Water Depth: 2.5		
Higher	Deep Water Depth: 3.5		
	Average Water Depth: Not Reported		
	Date: 12/26/1995		

4	Site ID: 38-0834		
ESE	Groundwater Flow: NE	AQUIFLOW	52746
1/2 - 1 Mile	Shallow Water Depth: Not Reported		
Lower	Deep Water Depth: Not Reported		
	Average Water Depth: Not Reported		
	Date: 08/20/1996		

A5	Site ID: 38-11092		
SSE	Groundwater Flow: E,W,Varies	AQUIFLOW	53366
1/2 - 1 Mile	Shallow Water Depth: Not Reported		
Higher	Deep Water Depth: Not Reported		
	Average Water Depth: 11		
	Date: 03/07/1997		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
A6	Site ID:	38-11092			
SSE	Groundwater Flow:	Varies		AQUIFLOW	53367
1/2 - 1 Mile	Shallow Water Depth:	Not Reported			
Higher	Deep Water Depth:	Not Reported			
	Average Water Depth:	15			
	Date:	11/17/1998			
<hr/>					
A7	Site ID:	38-0826			
SSE	Groundwater Flow:	Not Reported		AQUIFLOW	66927
1/2 - 1 Mile	Shallow Water Depth:	Not Reported			
Higher	Deep Water Depth:	Not Reported			
	Average Water Depth:	7.5 f			
	Date:	06/20/1996			
<hr/>					
8	Site ID:	38-0763			
East	Groundwater Flow:	S		AQUIFLOW	50890
1/2 - 1 Mile	Shallow Water Depth:	Not Reported			
Lower	Deep Water Depth:	Not Reported			
	Average Water Depth:	144			
	Date:	04/01/1996			
<hr/>					
A9	Site ID:	10271			
SSE	Groundwater Flow:	Not Reported		AQUIFLOW	51236
1/2 - 1 Mile	Shallow Water Depth:	Not Reported			
Higher	Deep Water Depth:	20ft			
	Average Water Depth:	Not Reported			
	Date:	05/27/1999			
<hr/>					
B10	Site ID:	38-0951			
ENE	Groundwater Flow:	NE		AQUIFLOW	70158
1/2 - 1 Mile	Shallow Water Depth:	3.5			
Lower	Deep Water Depth:	6.5			
	Average Water Depth:	Not Reported			
	Date:	08/22/1997			
<hr/>					
B11	Site ID:	38-0951			
ENE	Groundwater Flow:	NE		AQUIFLOW	70157
1/2 - 1 Mile	Shallow Water Depth:	Not Reported			
Lower	Deep Water Depth:	Not Reported			
	Average Water Depth:	7			
	Date:	08/12/1996			
<hr/>					
12	Site ID:	38-0685			
South	Groundwater Flow:	Not Reported		AQUIFLOW	51044
1/2 - 1 Mile	Shallow Water Depth:	Not Reported			
Higher	Deep Water Depth:	Not Reported			
	Average Water Depth:	20 ft			
	Date:	11/14/1995			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
C13 SSE 1/2 - 1 Mile Higher	Site ID:	38-0955	AQUIFLOW	70685
	Groundwater Flow:	SW		
	Shallow Water Depth:	13'0		
	Deep Water Depth:	15'0		
	Average Water Depth:	Not Reported		
Date:	11/21/1997			
D14 SSE 1/2 - 1 Mile Higher	Site ID:	38-0650	AQUIFLOW	53390
	Groundwater Flow:	SW		
	Shallow Water Depth:	134		
	Deep Water Depth:	138		
	Average Water Depth:	Not Reported		
Date:	08/23/1995			
D15 SSE 1/2 - 1 Mile Higher	Site ID:	38-0650	AQUIFLOW	53389
	Groundwater Flow:	SW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
Date:	06/23/1995			
D16 SSE 1/2 - 1 Mile Higher	Site ID:	38-0792	AQUIFLOW	53388
	Groundwater Flow:	NW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
Date:	06/20/1996			
B17 ENE 1/2 - 1 Mile Lower	Site ID:	38-10982	AQUIFLOW	53874
	Groundwater Flow:	W		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	9		
Date:	07/08/1998			
C18 SE 1/2 - 1 Mile Higher	Site ID:	38-0910	AQUIFLOW	53402
	Groundwater Flow:	NE		
	Shallow Water Depth:	84.0		
	Deep Water Depth:	144		
	Average Water Depth:	Not Reported		
Date:	06/09/1997			
C19 SSE 1/2 - 1 Mile Higher	Site ID:	38-0910	AQUIFLOW	53401
	Groundwater Flow:	NE		
	Shallow Water Depth:	14.0		
	Deep Water Depth:	14.5		
	Average Water Depth:	Not Reported		
Date:	04/09/1996			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

E20
SW
1 - 2 Miles
Lower

CA WELLS 2554

Water System Information:

Prime Station Code:	02S/06W-02H02 M	User ID:	ENG
FRDS Number:	3810700002	County:	San Francisco
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	374720.0 1222900.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 06 - ABANDONED		
System Number:	3810700		
System Name:	PRESIDIO OF SAN FRANCISCO		
Organization That Operates System:	BLDG 201, FORT MASON SAN FRANCISCO, CA 94123		
Pop Served:	12300	Connections:	3758
Area Served:	Not Reported		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	10/13/1989	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	10/13/1989	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/13/1989	Findings:	6.500
Chemical:	PH (LABORATORY)		
Sample Collected:	10/13/1989	Findings:	140.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/13/1989	Findings:	170.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/13/1989	Findings:	190.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/13/1989	Findings:	25.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/13/1989	Findings:	31.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/13/1989	Findings:	41.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/13/1989	Findings:	37.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/13/1989	Findings:	60.000 UG/L
Chemical:	COPPER		
Sample Collected:	10/13/1989	Findings:	320.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/13/1989	Findings:	21.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/13/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/02/1990	Findings:	.460 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/02/1990	Findings:	2.020 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/31/1990	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/31/1990	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/31/1990	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/31/1990	Findings:	23.000 UG/L
Chemical:	METHYL-TERT-BUTYL-ETHER (MTBE)		
Sample Collected:	12/30/1991	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/20/1992	Findings:	2.160 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

**E21
SW
1 - 2 Miles
Lower**

CA WELLS 2555

Water System Information:

Prime Station Code:	02S/06W-02H03 M	User ID:	ENG
FRDS Number:	3810700003	County:	San Francisco
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	374720.0 1222900.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 13 - ABANDONED		
System Number:	3810700		
System Name:	PRESIDIO OF SAN FRANCISCO		
Organization That Operates System:	BLDG 201, FORT MASON SAN FRANCISCO, CA 94123		
Pop Served:	12300	Connections:	3758
Area Served:	Not Reported		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	10/13/1989	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	10/13/1989	Findings:	550.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/13/1989	Findings:	6.500
Chemical:	PH (LABORATORY)		
Sample Collected:	10/13/1989	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/13/1989	Findings:	190.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/13/1989	Findings:	220.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/13/1989	Findings:	34.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/13/1989	Findings:	34.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/13/1989	Findings:	33.000 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/13/1989	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/13/1989	Findings:	36.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/13/1989	Findings:	8.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/13/1989	Findings:	1.300 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/13/1989	Findings:	350.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/13/1989	Findings:	- 1.200
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	10/13/1989	Findings:	42.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/13/1989	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/02/1990	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/02/1990	Findings:	1.300 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	02/02/1990	Findings:	120.000 UG/L
Chemical:	METHYL-TERT-BUTYL-ETHER (MTBE)		
Sample Collected:	02/06/1990	Findings:	1.320 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/31/1990	Findings:	25.000 UG/L
Chemical:	ACETONE		
Sample Collected:	07/31/1990	Findings:	7.900 UG/L
Chemical:	METHYL ETHYL KETONE		
Sample Collected:	07/31/1990	Findings:	500.000 UG/L
Chemical:	METHYL-TERT-BUTYL-ETHER (MTBE)		
Sample Collected:	12/30/1991	Findings:	1.920 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/20/1992	Findings:	2.480 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

**E22
SW
1 - 2 Miles
Lower**

CA WELLS 19099

Water System Information:

Prime Station Code:	3810700-004	User ID:	ENG
FRDS Number:	3810700004	County:	San Francisco
District Number:	04	Station Type:	RIVER/INTAKE
Water Type:	Surface Water	Well Status:	Active Raw
Source Lat/Long:	374720.0 1222900.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	LOBOS CREEK		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/18/1991	Findings:	7.300
Chemical:	PH (LABORATORY)		
Sample Collected:	06/18/1991	Findings:	180.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/18/1991	Findings:	220.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/18/1991	Findings:	250.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/18/1991	Findings:	31.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/18/1991	Findings:	42.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/18/1991	Findings:	38.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/18/1991	Findings:	44.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/18/1991	Findings:	360.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/18/1991	Findings:	- .400
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/18/1991	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/18/1991	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/18/1991	Findings:	2.340 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/18/1991	Findings:	2.270 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/25/1997	Findings:	18.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/25/1997	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	08/25/1997	Findings:	639.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/25/1997	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/25/1997	Findings:	180.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/25/1997	Findings:	180.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/25/1997	Findings:	.110 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	08/25/1997	Findings:	232.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/25/1997	Findings:	49.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/25/1997	Findings:	.580 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/25/1997	Findings:	355.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/25/1997	Findings:	32.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/09/1997	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/09/1997	Findings:	.088 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	09/09/1997	Findings:	100.000 UG/L
Chemical:	BORON		
Sample Collected:	09/09/1997	Findings:	214.000 UG/L
Chemical:	IRON		
Sample Collected:	09/09/1997	Findings:	82.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/09/1997	Findings:	110.000 UG/L
Chemical:	ZINC		
Sample Collected:	09/09/1997	Findings:	81.000 UG/L
Chemical:	ALUMINIUM		
Sample Collected:	11/05/1997	Findings:	.680 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/05/1997	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/05/1997	Findings:	- 30.300 PCI/L
Chemical:	TRITIUM		
Sample Collected:	11/05/1997	Findings:	110.000 PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	11/05/1997	Findings:	.190 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	11/05/1997	Findings:	.970 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	01/06/1998	Findings:	.960 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/06/1998	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/06/1998	Findings:	18.300 PCI/L
Chemical:	TRITIUM		
Sample Collected:	01/06/1998	Findings:	110.000 PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	01/06/1998	Findings:	.230 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	01/06/1998	Findings:	.620 PCI/L
Chemical:	URANIUM COUNTING ERROR		

**E23
SW
1 - 2 Miles
Lower**

CA WELLS 2553

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	02S/06W-02H01 M	User ID:	ENG
FRDS Number:	3810700001	County:	San Francisco
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	374720.0 1222900.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 02 - ABANDONED		
System Number:	3810700		
System Name:	PRESIDIO OF SAN FRANCISCO		
Organization That Operates System:	BLDG 201, FORT MASON SAN FRANCISCO, CA 94123		
Pop Served:	12300	Connections:	3758
Area Served:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
94129	1	0	0.00

Federal EPA Radon Zone for SAN FRANCISCO County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN FRANCISCO COUNTY, CA

Number of sites tested: 14

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.636 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.500 pCi/L	100%	0%	0%
Basement	0.360 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.



**California Environmental Protection Agency
Department of Toxic Substances Control**

VARIANCE

Applicant Names:

Variance No. 00-H-VAR-01

Mr. Harry Yahata, District Director
State of California
Department of Transportation, District 4
(Caltrans)
111 West Grand Avenue
P.O. Box 23660
Oakland, California 94623-0660

Effective Date: September 22, 2000
Expiration Date: September 22, 2005
Modification History:

Pursuant to Section 25143 of the California Health and Safety Code, the Department of Toxic Substances Control hereby issues the attached Variance consisting of 8 pages to Department of Transportation District 04.

Frederick S. Moss

Frederick S. Moss
Chief, Permitting Division
Department of Toxic Substances
Control

Date: 9/22/00

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 8
To <i>Todd Taylor</i>	From <i>C. McQuig</i>	
Co.	Co. <i>Caltrans</i>	
Dept.	Phone # <i>286-5659</i>	
Fax # <i>420-1707</i>	Fax # <i>286-5639</i>	



VARIANCE

1. INTRODUCTION.

1.1 Pursuant to Section 25143, Chapter 6.5, Division 20 of the Health and Safety Code (HSC), the California Department of Toxic Substances Control (DTSC) grants a variance to the applicant below for waste considered hazardous solely because of its contaminant concentrations and as further specified herein.

1.2 DTSC hereby grants a variance only from the requirements specified herein and only in accordance with all terms and conditions specified herein.

2. IDENTIFYING INFORMATION.

APPLICANT/OWNER/OPERATOR

Mr. Harry Yahata, District Director
State of California
Department of Transportation, District 4 (Caltrans)
111 West Grand Avenue
P.O. Box 23660
Oakland, California 94623-0660

3. TYPE OF VARIANCE.

Generation, Manifest, Transportation, Storage and Disposal

4. ISSUANCE AND EXPIRATION DATES.

DATE ISSUED: September 22, 2000 EXPIRATION DATE: September 22, 2005.

5. APPLICABLE STATUTES AND REGULATIONS. The hazardous waste that is the subject of this variance is fully regulated under HSC, Section 25100, et seq. and Title 22 of the California Code of Regulations (CCR) Division 4.5 except as specifically identified in Section 8 of this variance.

6. DEFINITION. For the purposes of this variance, waste that meets the criteria in paragraphs a) and b) of section 9 below, shall be referred to as "lead-contaminated soil(s)".

7. FINDINGS/DETERMINATIONS. DTSC has determined that the variance applicant meets the requirements set forth in HSC Section 25143 for a variance from specific regulatory requirements as outlined in Section 8 of this variance. The specific determinations and findings made by DTSC are as follows:

a) Caltrans intends to excavate, stockpile, transport, bury and cover large volumes of soil associated with highway construction projects throughout the State. In the

more urbanized highway corridors this soil is contaminated with lead, primarily due to historic emissions from automobile exhausts. In situ testing has shown the uppermost two feet of soil have been found to contain concentrations of lead in excess of regulatory thresholds. However, DTSC has prepared a risk assessment that shows that soil contaminated with low concentrations of lead can be managed in a way that presents no significant risk to human health and the environment.

b) The lead-contaminated soil will be placed only in Caltrans rights of way. Based on concentration levels, the wastes will be covered with a minimum thickness of one (1) foot of non-hazardous soil or asphalt cover and will always be five (5) feet above the highest groundwater elevation. Caltrans will assure that proper health and safety procedures will be followed for workers. This includes any persons engaged in maintenance work in areas where the waste has been buried and covered.

c) DTSC finds and requires that the lead contaminated soil excavated, stockpiled, transported, buried and covered is a non-RCRA hazardous waste, and that the hazardous waste management activity is insignificant as a potential hazard to human health and safety and the environment, when managed in accordance with the conditions, limitations and other requirements specified in this variance.

8. PROVISIONS SUBJECT TO VARIANCE.

DTSC, subject to all terms and conditions herein, waives the hazardous waste management requirements of Title 22, CCR, sections 66264.250 through 66264.259, 22 CCR 66268.1 through 66268.9, 22 CCR 66262.10, 22 CCR 66262.12, 22 CCR 66262.20, 22 CCR 66262.30 through 66262.34, 22 CCR 66262.40 through 66262.42, 22 CCR 66263.10 through 66263.18 and 22 CCR 66263.20 through 66263.23 for the generation, transportation, manifesting, storage and land disposal of hazardous waste. These management requirements are only waived provided all other requirements of this variance are complied with at Caltrans construction projects in the Caltrans District specified in section 2 above.

9. SPECIFICATIONS OF THE CONDITIONS, LIMITATIONS, OR OTHER REQUIREMENTS. The owner/operator shall be subject to the following conditions:

a) Caltrans shall manage all soil contaminated with lead at concentrations such that it is considered a hazardous waste pursuant to HSC 25117 and 22 CCR, Div 4.5, Chapter 11, unless the contaminant concentrations and management practices meet the following conditions:

1. Soil containing 500 ug/l extractible lead or less (based on a modified waste extraction test using deionized water as the extractant) and 350 ppm or less total lead may be used as fill provided that the lead-contaminated soil is placed a minimum of five (5) feet above the maximum water table elevation and covered with at least one (1) foot of nonhazardous soil. The limit on total lead within shall be the following: Total parts per million (ppm) lead shall be at or below the statutory limits in effect when the soil is used as fill or the risk based limit of 1496mg/kg, whichever is less. On the effective date of this variance, HSC section 25157.8 limits total lead

concentrations to 350 ppm. That section may be amended and/or expire in the future. Additionally, other parts of relevant statutes may be added or amended in the future to include lead limits applicable to this variance.

2. Soil containing more than 500 ug/l and less than 50 mg/l extractible lead (based on a modified waste extraction test using deionized water as the extractant) and 350 or less ppm total lead may be used as fill provided that the lead-contaminated soils are placed a minimum of five (5) feet above the maximum water table elevation and protected from infiltration by a pavement structure which will be maintained by Caltrans. Caltrans shall comply with the lead limits discussed in paragraph a) 1 above.

3. Contaminated soil with a pH < 5.0 shall be used as fill material only under the paved portion of the roadway.

b) Caltrans will implement appropriate health and safety procedures to protect its employees and the public, and to prevent or minimize exposure to potentially hazardous substances. A project-specific health and safety plan must be prepared and implemented. The monitoring and exposure standards shall be based on Construction Standards in Title 22, CCR section 1532.1.

c) All lead-contaminated soil that cannot be buried and covered within the same Caltrans corridor from where it originated shall be managed as a hazardous waste.

d) Lead-contaminated soil will not be moved outside the designated corridor boundaries (see paragraph q) below).

e) Lead-contaminated soil shall not be buried in areas where it will be in contact with groundwater or surface water.

f) Lead-contaminated soil shall be buried and covered only in locations that are protected from erosion resulting from storm water run-on and run-off.

g) The lead-contaminated soil shall be buried and covered in a manner that will prevent accidental or deliberate breach of the asphalt, concrete, and/or cover soil.

h) The presence of lead-contaminated soil will be incorporated into the projects' as-built drawings. The as-built drawings shall be annotated with the location, representative analytical data, and volume of lead-contaminated soil. The as-built drawings shall also state the depth of the cover. These as-built drawings shall be retained by Caltrans until its rights-of-way or property ownership are relinquished.

i) Caltrans shall ensure that no other hazardous wastes, other than the lead-contaminated soil, are placed in the burial areas.

j) Lead-contaminated soil shall not be buried within ten (10) feet of culverts or locations subject to frequent worker exposure.

k) Excavated lead-contaminated soil not placed into the designated area (fill area, roadbed area) by the end of the working day shall be stockpiled and covered with sheets of polyethylene or at least one foot of non-hazardous soil. The lead contaminated soil, while stockpiled or under transport, shall be protected from contacting surface water and being dislodged or transported by wind or storm water. The stockpile covers shall be inspected at least once a week and within 24 hours after rainstorms.

l) Caltrans shall ensure that all stockpiling of lead contaminated soil remains within the specified corridor. Stockpiling of lead-contaminated soil outside the area of contamination is in direct violation of land disposal restrictions and is prohibited.

m) Caltrans shall conduct confirmatory sampling, if appropriate, of any stockpile area after removal of the lead- contaminated soil to ensure that contamination has not been left behind or has not migrated from the stockpiled material to the surrounding soils. Caltrans shall ensure that test results are kept with Caltrans project records located at the District office or a subsequent permanent location and are available to DTSC upon request.

n) Caltrans shall stockpile lead-contaminated soil only on high ground (i.e. no sump areas or low points) which will not be affected by surface water run-on or run-off.

o) Caltrans shall not stockpile soil in an environmentally sensitive area.

p) Caltrans shall ensure that run-off which has come into contact with stockpiled lead-contaminated soil will not flow to storm drains, inlets, or waters of the state.

q) Caltrans may move lead-contaminated soil from one Caltrans project to another Caltrans project so long as the lead-contaminated soil remains within the same designated Caltrans corridor. Caltrans shall record this movement of lead- contaminated soil by using a bill of lading. The bill of lading must contain: 1) US DOT description including shipping name, hazard class and ID number; 2) handling codes; 3) quantity of material; 4) volume of material; and 5) any specific handling instructions. The bill of lading shall be referenced in and kept on file with the project's as-built drawings. Lead-contaminated soil must be kept covered during transportation.

r) For each specific corridor where this variance is to be implemented, all of the following information will be submitted in writing to DTSC at least five (5) days before construction of any project begins:

1. a plan drawing designating the boundaries of the corridor where lead-contaminated soils will be excavated, stockpiled, buried and covered;
2. a list of the Caltrans projects that the corridor encompasses;

3. a list of Caltrans contractors that will be conducting any phase of work on any project affected by this variance;
 4. duration of corridor construction;
 5. location where sampling and analytical data used to make lead concentration level determinations are kept (e.g. a particular Caltrans project file);
 6. name and phone number (please include area code) of project resident engineer and project manager;
 7. location where Caltrans and contractor health and safety records are kept;
 8. location of project special provisions (including page or section number) for soil excavation, transportation, stockpile, burial and placement of cover material;
 9. location of project drawings (including drawing page number) for soil excavation, burial and placement of cover in plan and cross section (For example, "The project plans are located at the resident engineer's office located at 5th and Main Streets, City of Fresno,. See pages xxxxx of contract xxxx");
 10. If a Caltrans project within the corridor is added, changed or deleted, Caltrans must update the information provided to DTSC five (5) days before construction begins; and
 11. The type of environmental document for each project, date of adoption, document title, Clearing House number and where the document is available for review. A copy of the Notice of Exemption for any project shall be submitted to the DTSC Headquarters Project Manager within five (5) days of signing.
- s) Changes in location of lead-contaminated soil placement, quantities or protection measures (field changes) will be noted in the resident engineer's project log within five (5) days of the field change.
- t) Caltrans shall ensure that field changes are in compliance with the requirements of this variance.
- u) If areas subject to the terms of this variance are sold, relinquished or abandoned (including roadways), all future property owners shall be notified in writing in advance by Caltrans of the requirements of this variance, and Caltrans shall provide the owner with a copy of the variance. A copy of such a notice shall be sent to and contain the corridor location and project. Caltrans shall also disclose to the new owner the location of areas where lead contaminated soil has been buried. Future property owners will be subject to the same requirements as Caltrans retains the right to modify or revoke this variance pursuant to HSC 25143 upon a change of ownership or at any other time.

v) For the purposes of informing the public about instances where the variance is implemented, Caltrans shall:

1. Maintain current fact sheets at all Caltrans resident engineer offices and the Caltrans District office. Caltrans shall make the fact sheets available to anyone expressing an interest in variance-related work.
2. Maintain a binder(s) containing copies of all reports submitted to DTSC at the District office. Caltrans shall ensure that the binders are readily accessible to the public.
3. Carry out the following actions when it identifies additional projects:
 - (A) Notify the public via a display advertisement in a newspaper of general circulation in that area.
 - (B) Update and distribute the fact sheet to the mailing list and repository locations.

w) Caltrans implementation of this variance shall comply with all applicable state policies for water quality control, water quality control plans, waste discharge requirements (including storm water permits), and others issued by the State Water Resources Control Board or a California Regional Water Quality Control Board.

x) This variance is applicable only to soil considered hazardous because of aeri-ally-deposited lead contamination. The variance is not applicable to any other hazardous waste.

y) Lead-contaminated soil may be buried only in areas where access is limited or where lead-contaminated soil is covered and contained by a pavement structure.

1) Dust containing lead-contaminated soil must be controlled. Water or dust palliative may be applied to control dust. If visible dust migration occurs, all excavation, stockpiling and truck loading and burying must be stopped. The granting of this variance confers no relief on Caltrans from compliance with the laws, regulations and requirements enforced by any local air district or the California Air Resources Board.

2) Sampling and analysis is required to show the lead contaminated soil meets the variance criteria specified in a). All sampling and analysis must be done according to U.S. EPA subsection SW-846.

z) All correspondence shall be directed to the following office:

Frederick S. Moss, Chief
 Permitting Division
 Department of Toxic Substances Control
 400 P Street, 4th Floor
 P.O. Box 806
 Sacramento, CA 95812-0806

Attn: Caltrans Lead Variance Notification Unit

10. DISCLAIMER.

10.1 The issuance of this variance does not relieve Caltrans of the responsibility for compliance with Division 20, Chapter 6.5, HSC, or the regulations adopted thereunder, and any other laws and regulations other than those specifically identified in Section 8 of this variance. Caltrans is subject to all terms and conditions herein. The granting of this variance confers no relief from compliance with any federal, state or local requirements other than those specifically provided herein.

10.2 The issuance of this variance does not release Caltrans from any liability associated with the handling of hazardous waste, except as specifically provided herein and subject to all terms and conditions of this variance.

11. VARIANCE MODIFICATION OR REVOCATION. This variance is subject to review at the discretion of DTSC and may be modified or revoked at any time pursuant to Health and Safety Code section 25143.

12. CEQA DETERMINATION. DTSC adopted a Negative Declaration on September 22, 2000.

Approved:

9/22/00
 Date

Frederick S. Moss
 Frederick S. Moss, Chief
 Permitting Division
 Hazardous Waste Management Program
 Department of Toxic Substances Control



Department of Toxic Substances Control



Winston H. Hickox
Agency Secretary
California Environmental
Protection Agency

Edwin F. Lowry, Director
1001 "I" Street, 25th Floor
P.O. Box 806
Sacramento, California 95812-0806

Gray Davis
Governor

December 13, 2002

Mr. Randell Iwasaki
District Director
California Department of Transportation, District 4
111 Grand Avenue
Oakland, California 94623

CALTRANS LEAD CONTAMINATED SOIL VARIANCE MODIFICATION, DISTRICT 4.

Dear Mr. Iwasaki:

This letter concerns the lead contaminated soil variance the Department of Toxic Substances Control (DTSC) issued to Caltrans, District 4 (the District) on September 22, 2000. The variance governs the District's management of soil that contains aerially deposited lead. DTSC has conducted a new risk assessment in the course of processing another variance application from Caltrans. The new risk assessment shows the total lead levels specified in the District's current variance are somewhat higher than the new recommended levels. Therefore, conditions 9.a.1 and 2 in the District's variance have been modified to incorporate the new recommended lead levels and provide more clarity. Specifically, the following paragraphs shall replace the existing sections in the variances:

- 9.a.1. Lead contaminated soil containing 500 ug/l extractible lead or less (based on a modified waste extraction test using deionized water as the extractant) and 1411 mg/kg or less total lead may be used as fill provided that this soil is placed a minimum of five (5) feet above the maximum water table elevation and covered with at least one (1) foot of nonhazardous soil.
- 9.a.2. Lead contaminated soil containing more than 500 ug/l and less than 50 mg/l extractible lead (based on a modified waste extraction test using deionized water as the extractant) and more than 1411 mg/kg total lead but less than 3397 mg/kg total lead may be used as fill provided that this soil is placed a minimum of five (5) feet above the maximum water table elevation and protected from infiltration by a pavement structure which will be maintained by Caltrans.


The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at www.dtsc.ca.gov.

Mr. Randell Iwasaki
December 13, 2002
Page 2

Effective upon receipt of this modification language, all new projects conducted pursuant to the District's variance shall be required to use the modified lead levels specified above. This letter will formally modify the variance issued to the District and shall be attached as addendum to the existing variance.

If you have any questions or comments, please contact Mr. Michael Choe of my staff at (916) 322-5308.

Sincerely,



Frederick S. Moss, Chief
Permitting Division
Hazardous Waste Management Program

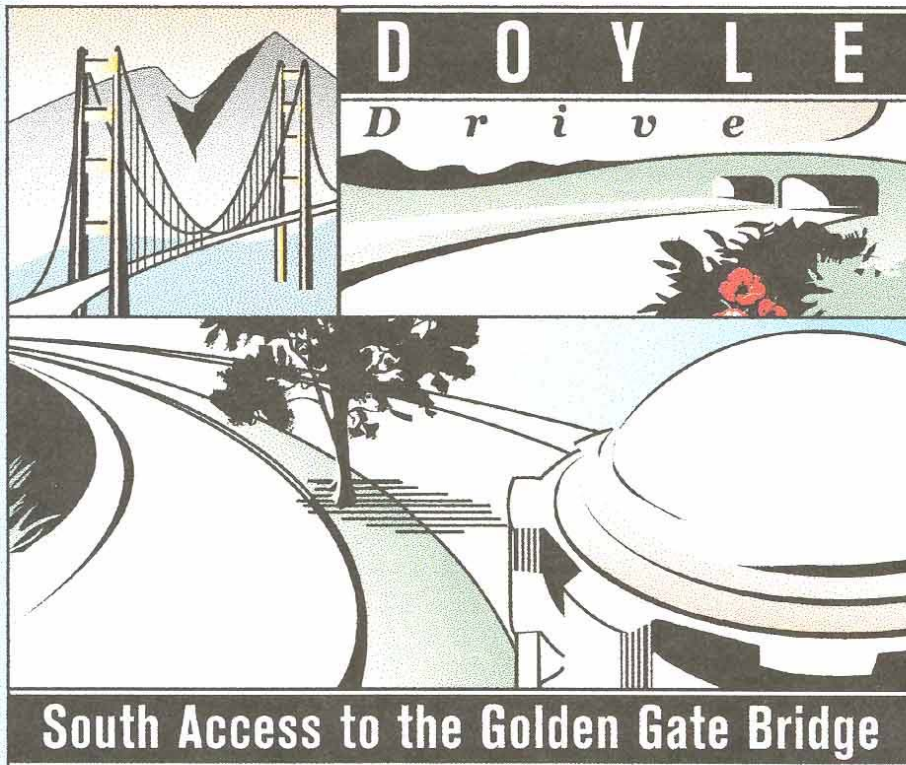
cc: ✓ Ms. Marge Rouch, Chief
Office of Noise, Vibration,
and Hazardous Waste Management
Department of Transportation
1120 N Street, MS 27
Sacramento, California 95814

Ms. Marilee Hanson
Office of Legal Counsel and Investigations
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

Mr. Jan Radimsky, P.E., Chief
Permit Streamlining Branch
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

Mr. David Wright, P.E., Chief
Permit Program Development Section
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

SFCTA Contract Number 99/00-7



FINAL HYDROLOGY AND WATER RESOURCES TECHNICAL REPORT

OCTOBER 2004

Prepared By:

Bruce Abelli-Amen, BASELINE Environmental Consulting

Reviewed By:

Gary Kennerley, Parsons Brinckerhoff

Approved By:

Leroy L. Saage, Project Manager
San Francisco County Transportation Authority

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SECTION 1 METHODOLOGY

This technical study compares potential effects on hydrology and water quality associated with implementation of each of the alternatives for the Doyle Drive project. The main issues addressed in this study include:

- Potential degradation of water quality during and after construction;
- Potential for the project to increase impervious surface area and runoff volume;
- Potential effects associated with flooding;
- Potential effects on aquifer recharge;
- Potential effects on groundwater levels, and the rate and direction of groundwater flow; and
- Potential effects on unique geologic and/or subsurface hydrology resources.

The analysis of hydrology and water quality issues is based on regional studies of hydrology and geology, subsurface investigations at the Presidio associated with hazardous materials releases, and available site-specific geotechnical and drainage system data. A list of specific reports prepared for the Presidio that were considered in this analysis is presented below:

- Presidio of San Francisco, Storm Water Management Plan, October 1994 (Dames and Moore). This plan was prepared to assist the National Park Service (NPS) in planning and managing storm water facilities at the Presidio. The report includes a description of the existing drainage system, summarizes water quality sampling of Presidio runoff, and describes a proposed capital improvement plan to improve the system.
- Wetland and Riparian Corridor Feasibility Study, Presidio of San Francisco, February 1995 (Dames and Moore). This report represents a preliminary step in the implementation process of one of the provisions of the Final General Management Plan Amendment (GMPA) prepared by the NPS. The GMPA established the objective of restoring wetlands and Crissy Field and riparian corridors along the historic Tennessee Hollow drainage. The report includes information on the history and physical setting of Crissy Field and Tennessee Hollow and an analysis of restoration alternatives.
- Basewide Groundwater Monitoring Plan (Draft), Presidio of San Francisco, California, July 1996 (Montgomery Watson). This report provides a description of the physical setting, groundwater conditions, and groundwater quality monitoring results for the Presidio, emphasizing conditions pertinent to ongoing hazardous materials investigations.
- Tennessee Hollow Riparian Restoration Concept and Work Plan, the Presidio, San Francisco, California, July 2000 (Philip Williams and Associates). This report describes the setting, objectives, and a possible restoration concept for the Tennessee Hollow (the concept has not been adopted by the Trust and NPS).
- Draft Preliminary Geotechnical Report, April 2002 (Parsons Brinckerhoff). This report provides a description of geologic site conditions, seismic hazards, and preliminary design considerations of the tunnels and foundations for the Doyle Drive reconstruction process.
- Location Hydraulics Study, December 2001 (Manna Consultants). This report prepared as part of the alternative development process, and inventories, evaluates the characteristics of the storm drainage system along the alignment.
- Doyle Drive Draft Project Report, Advance Planning Studies, Tunnel Structures, May 2002 (MGE Engineering). This report provides preliminary details regarding tunnel design and engineering for the Doyle Drive reconstruction project.
- Draft Doyle Drive Corridor Wetland Delineation, March 2001 (Environmental Science Associates). This report provides information on wetland resources in the vicinity of the alignment.
- Preliminary Site Investigation, January 2002 (Baseline). The investigation provides information on hazardous materials along the alignment alternatives.
- Conceptual Watershed Model and Proposed Surface and Groundwater Monitoring Program for the Tennessee Hollow Riparian Corridor Restoration Project, the Presidio of San Francisco, July 2002 (Kamman Hydrology & Engineering, Inc.). This report provides a conceptual model for the

hydrogeology of the Tennessee Hollow Watershed, and includes technical information on groundwater flow patterns within the watershed.

- Draft Final Hydrologic Monitoring Report for the Tennessee Hollow Riparian Corridor Restoration Project, The Presidio of San Francisco (Kamman Hydrology & Engineering, Inc.), March 2003. This report provides the results of recent surface water and groundwater monitoring.

The analysis is presented in two main sections: Setting (existing conditions) and Impacts and Mitigation Measures. Discussion of contamination of subsurface soils and groundwater resulting from past activities at the site is presented in the Waste and Hazardous Materials Technical Memorandum for the project.

SECTION 2 PROJECT DESCRIPTION

2.1 OVERVIEW

Doyle Drive is located in the Presidio of San Francisco (the Presidio), in the northern part of the City of San Francisco at the southern approach to the Golden Gate Bridge (see Figure 1a). In 1994, when the US Army transferred jurisdiction of the Presidio to the National Park Service (NPS), it became part of the National Park system and Golden Gate National Recreation Area (GGNRA). In 1998, management of the Presidio was divided between two federal agencies: The Presidio Trust (the Trust), the agency responsible for oversight of 80 percent of the Presidio delineated as Area B; and the NPS, which is responsible for management of the coastal portions of the park (the remaining 20 percent) that are delineated as Area A. Doyle Drive lies predominately within the Area B lands managed by the Trust with a small portion at the western end located in Area A on land operated by the Golden Gate Bridge, Highway and Transportation District (GGBHTD). The Presidio has also been designated a National Historic Landmark District (NHL) since 1962 with the Doyle Drive roadway determined to be a contributing element to that landmark.

Doyle Drive, the southern approach of US 101 to the Golden Gate Bridge, is 2.4 kilometers (1.5 miles) long with six traffic lanes. There are three San Francisco approach ramps which connect to Doyle Drive: one beginning at the intersection of Marina Boulevard and Lyon Street; one at the intersection of Richardson Avenue and Lyon Street; and one where Park Presidio Boulevard (State Route 1) merges into Doyle Drive approximately 1.6 kilometers (one mile) west of the Marina Boulevard approach (see Figure 1a). Doyle Drive passes through the Presidio on an elevated concrete viaduct (low-viaduct) and transitions to a high steel truss viaduct (high-viaduct) as it approaches the Golden Gate Bridge Toll Plaza.

Doyle Drive is nearly 70 years old and it is approaching the end of its useful life, although regular maintenance, seismic retrofit, and partial rehabilitation activities are keeping the structure safe in the short term. However, further structural degradation caused by age and the effects of heavy traffic and exposure to salt air will cause the structures to become seismically and structurally unsafe in the coming years. In addition, the eastern portion of the aging facility is located in a potential liquefaction zone identified on the State of California Seismic Hazard Zones map dated August 2000.

Currently, Doyle Drive has nonstandard design elements, including travel lanes from 2.9 to 3.0 meters (9.5 to 10.0 feet) in width, no fixed median barrier, no shoulders and exit ramps that have tight turning radii. During peak traffic hours, plastic pylons are manually moved to provide a median lane as well as to reverse the direction of traffic flow of several lanes (Project Study Report: Doyle Drive Reconstruction, 1993).

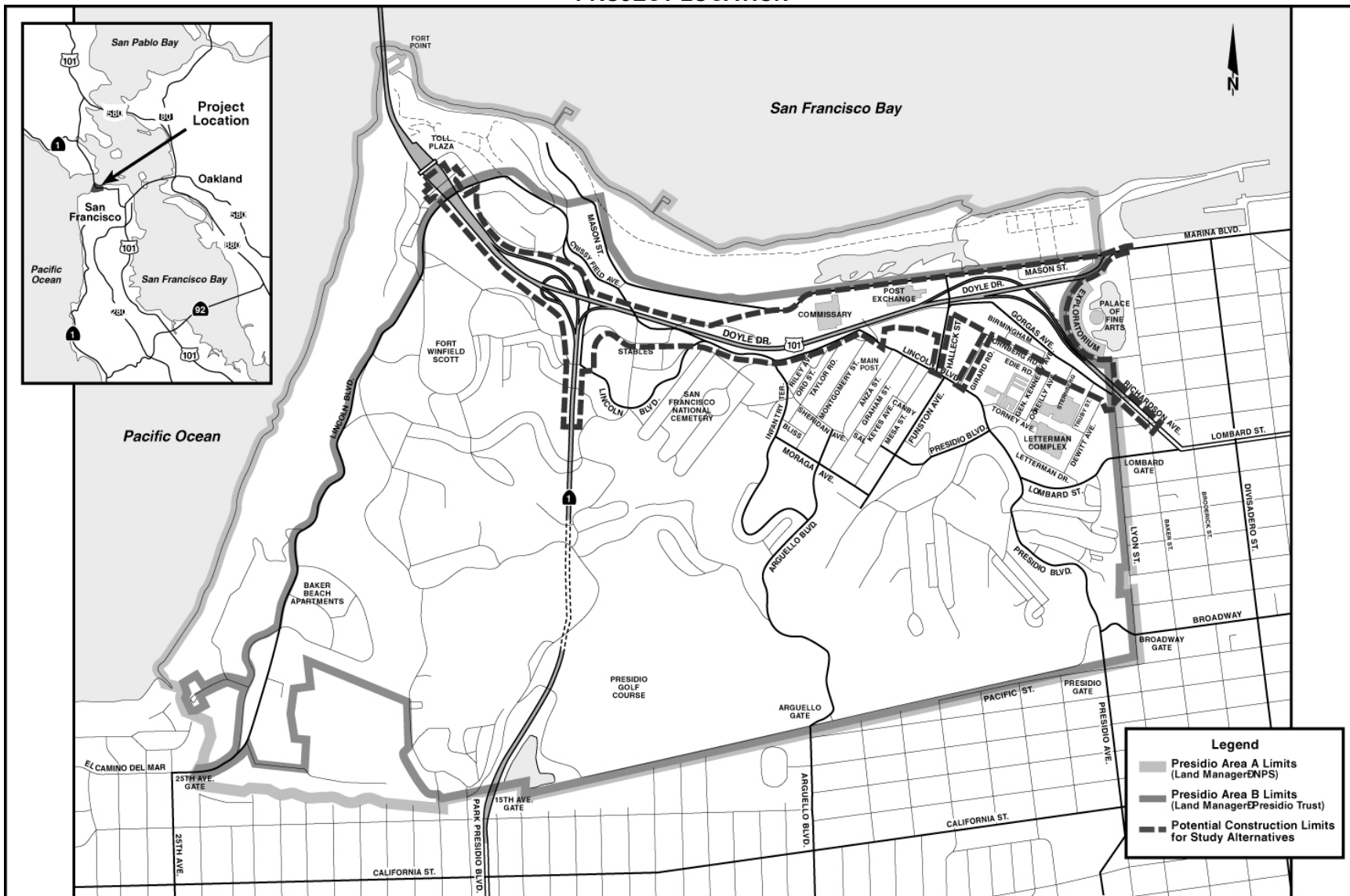
2.2 PROJECT PURPOSE

The purpose of the South Access to the Golden Gate Bridge - Doyle Drive Project is to replace Doyle Drive in order to improve the seismic, structural, and traffic safety of the roadway within the setting and context of the Presidio of San Francisco and its purpose as a National Park.

2.3 ALTERNATIVES DEVELOPMENT

The build alternatives for the Doyle Drive Project were developed with input from public scoping and reflected the parkway concept that evolved from previous studies. Through the screening analysis, six alternatives were selected for consideration in the Administrative DEIS/DEIR: Alternative 1, No-Build; Alternative 2, Replace and Widen; Alternatives 3a and 3b, Long Tunnels; and Alternatives 4a and 4b, Short Tunnels.

**FIGURE 1a
PROJECT LOCATION**



Subsequent to the Administrative DEIS/DEIR in 2002, a fifth alternative, the Presidio Parkway, was added to the list of alternatives for more detailed study. In comparison to the tunnel alternatives it was determined that Alternative 5, Presidio Parkway, would provide all the benefits and functions of Alternatives 3a, 3b, 4a, and 4b with less cost, construction duration and environmental impact. Hence, in November 2003 the four tunnel alternatives were recommended to be removed from further consideration and analysis in the DEIS/DEIR.

At a public meeting held in February 2004, the public agreed with the decision to drop Alternatives 3a, 3b, 4a, and 4b and retain Alternative 1, No-Build, Alternative 2, Replace and Widen, and Alternative 5, Presidio Parkway for consideration in the DEIS/DEIR.

2.3.1 Project Alternatives

This section describes the build alternatives in terms of physical and operating characteristics and a No-Build Alternative. As shown in Figure 1a, the project limits are from Merchant Road, just south of the Golden Gate Bridge Toll Plaza, to the intersection of Richardson Avenue/Francisco Street and Marina Boulevard/Lyon Street. During the screening process, all alternatives were evaluated for their ability to meet the project's Purpose and Need. Detailed drawings showing the plan and profile of each alternative in addition to the various design options can be found in Appendix A.

Alternative 1: No-Build Alternative

The No-Build Alternative represents the future year conditions if no other actions are taken in the study area beyond what is already programmed by the year 2020. The No-Build Alternative provides the baseline for existing environmental conditions and future travel conditions against which all other alternatives are compared.

Doyle Drive would remain in its current configuration, with six traffic lanes ranging in width from 2.9 to 3.0 meters (9.5 to 10 feet) and an overall facility width of 20.4 meters (67 feet) (see Figure 1b). There are no fixed median barriers or shoulders. The lane configuration is changed by manually moving plastic pylons to increase the number of lanes in the peak direction of traffic. The facility passes through the Presidio on a high steel truss viaduct and a low elevated concrete viaduct with lengths of 463 meters (1,519 feet) and 1,137 meters (3,730 feet), respectively. This alternative does not improve the seismic, structural, or traffic safety of the roadway.

Vehicular access to the Presidio is available from Doyle Drive via the off-ramp to Merchant Road at the Golden Gate Bridge Toll Plaza. Presidio access at the east end of the project will be provided for southbound traffic via a right turn from Richardson Avenue to Gorgas Avenue. Presidio access for northbound traffic will be provided by a slip ramp from Richardson Avenue to Gorgas Avenue, which is currently under construction.

Alternative 2: Replace and Widen Alternative

The Replace and Widen Alternative would replace the 463-meter (1,519-foot) high-viaduct and the 1,137-meter (3,730-foot) low-viaduct with wider structures that meet the most current seismic and structural design standards (see Figure 1c). The new facility would be replaced on the existing alignment and widened to incorporate improvements for increased traffic safety.

This alternative would include either six 3.6-meter (12-foot) lanes and a 3.6-meter (12-foot) eastbound auxiliary lane with a fixed median barrier or six 3.6-meter (12-foot) lanes with a moveable median barrier. The new facility would have an overall width of 38.0 meters (124 feet). The fixed median barrier option would require localized lane width reduction to 3.3 meters (11 feet) to avoid impacts to the historic batteries and Lincoln Boulevard, reducing the facility width to 32.4 meters (106 feet). Both options would include continuous outside shoulders along the facility. At the Park Presidio interchange, the two ramps connecting eastbound Doyle Drive to Park Presidio Boulevard and the ramp connecting westbound Doyle Drive to southbound Park Presidio Boulevard would be reconfigured to accommodate the wider facility. The Replace and Widen Alternative would

operate similar to the existing facility except that there would be a median barrier and shoulders to accommodate disabled vehicles.

The Replace and Widen Alternative includes two options for the construction staging:

No Detour Option – The widened portion of the new facility would be constructed on both sides and above the existing low-viaduct and would maintain traffic on the existing structure. Traffic would be incrementally shifted to the new facility as it is widened over the top of the existing structure. Once all traffic is on the new structure, the existing structure would be demolished and the new portions of the facility would be connected. To allow for the construction staging using the existing facility, the new low-viaduct would be constructed two meters (six feet) higher than the existing low-viaduct structure.

With Detour Option - A 20.4-meter (67-foot) wide temporary detour facility would be constructed to the north of the existing Doyle Drive to maintain traffic through the construction period. Access to Marina Boulevard during construction would be maintained on an elevated temporary structure south of Mason Street. On and off ramps to the mainline detour facility would be located near the Post Exchange (PX) building.

Vehicular access to the Presidio is available from Doyle Drive via the off-ramp to Merchant Road at the Golden Gate Bridge Toll Plaza. Presidio access at the east end of the project will be provided for southbound traffic via a right turn from Richardson Avenue to Gorgas Avenue. There would be no Presidio access for northbound traffic at the east end of Doyle Drive due to geometric constraints and concerns for traffic safety.

FIGURE 1b
ALTERNATIVE 1: NO-BUILD

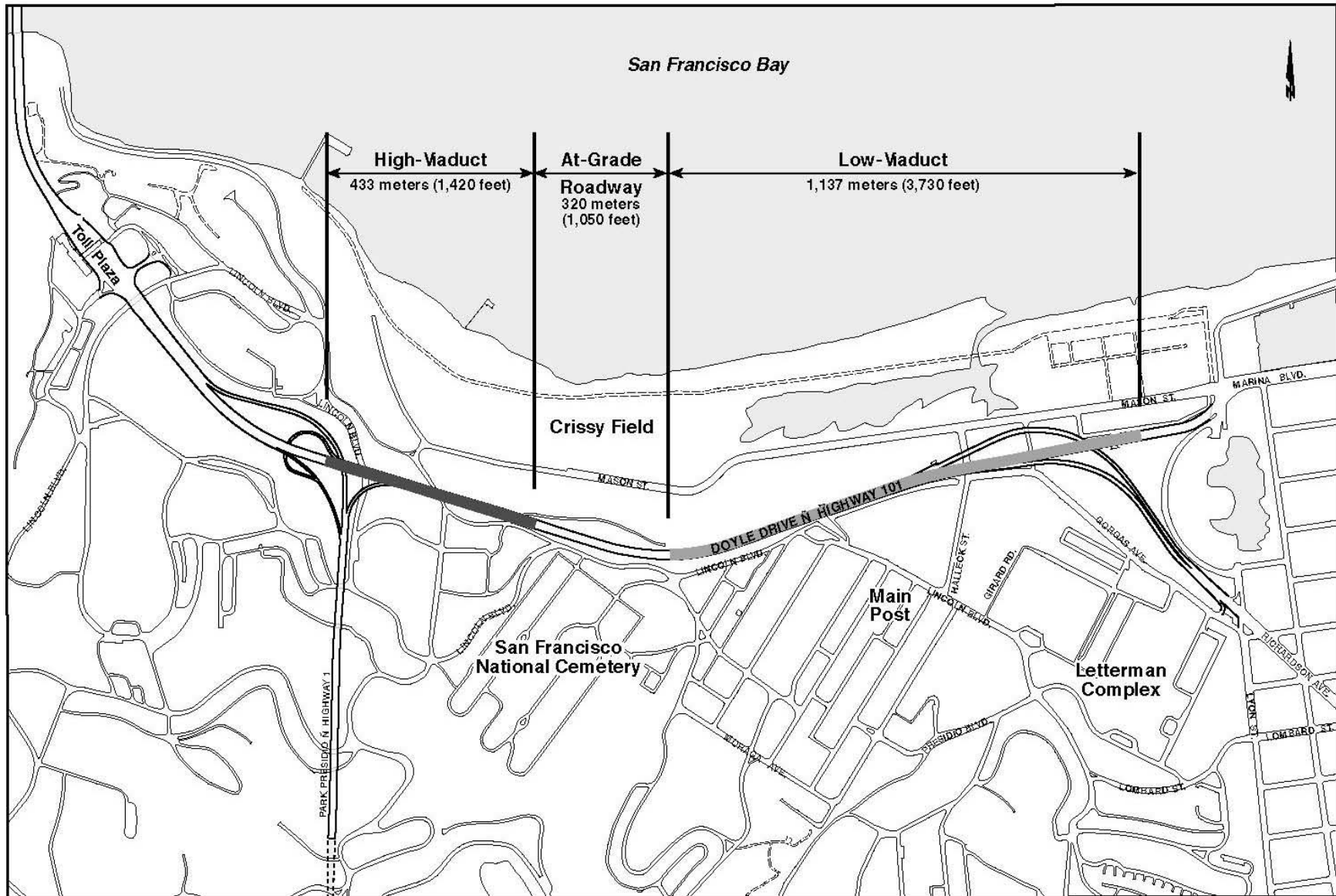
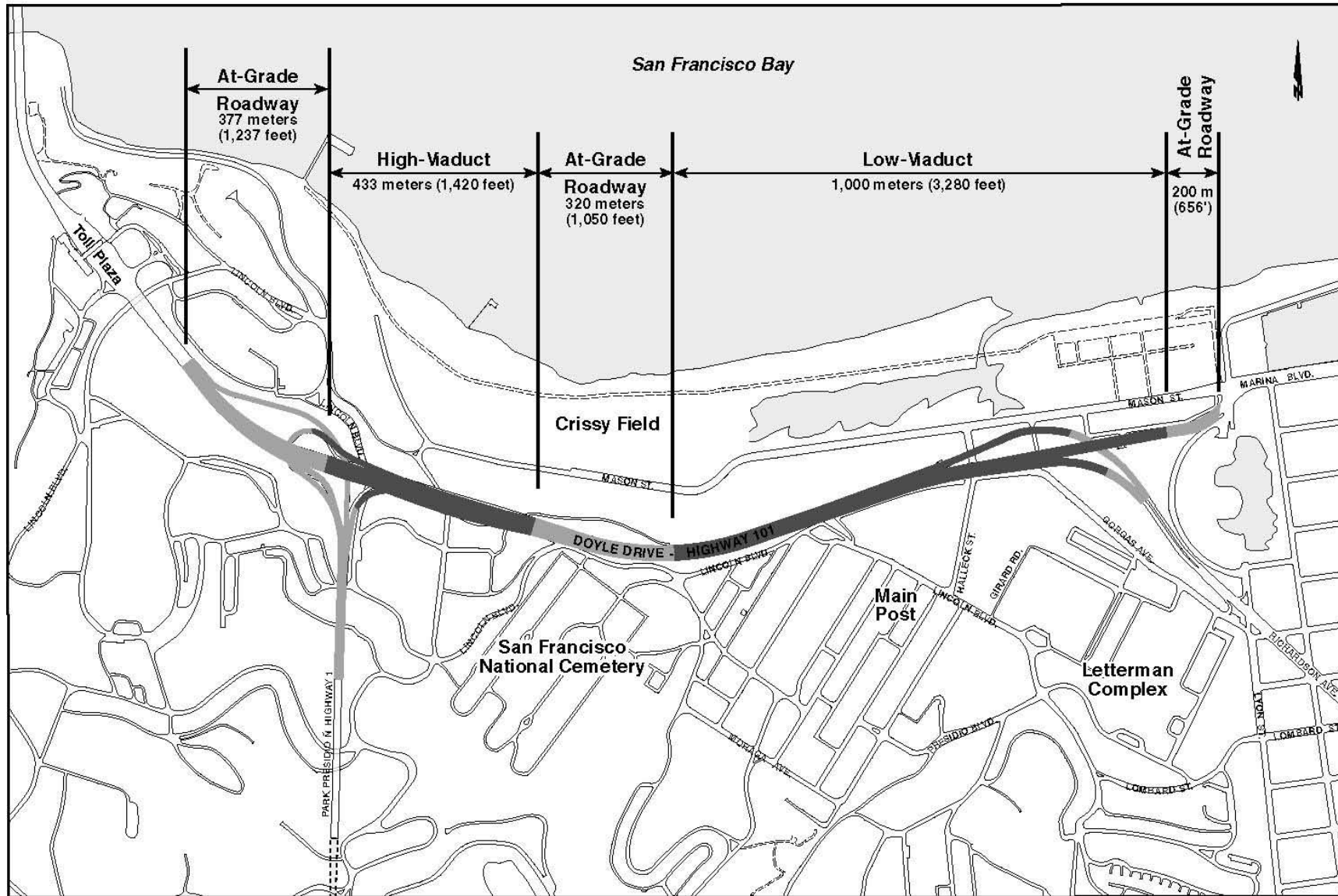


FIGURE 1c
ALTERNATIVE 2: REPLACE AND WIDEN



Alternative 5: Presidio Parkway Alternative

The Presidio Parkway Alternative would replace the existing facility with a new six-lane facility and an eastbound auxiliary lane between the Park Presidio interchange and the new Presidio access at Girard Road (see Figure 1d). The new facility would have an overall width of up to 45 meters (148 feet), and would incorporate wide landscaped medians and continuous shoulders. To minimize impacts to the park, the footprint of the new facility would include a large portion of the existing facility's footprint east of the Park Presidio interchange. A 450-meter (1,476-foot) high-viaduct would be constructed between the Park Presidio interchange and the San Francisco National Cemetery. Shallow cut-and-cover tunnels would extend 240 meters (787 feet) past the cemetery to east of Battery Blaney. The facility would then continue towards the Main Post in an open depressed roadway with a wide, heavily landscaped median. From Building 106 (Band Barracks) cut-and-cover tunnels up to 310 meters long (984 feet) would extend to east of Halleck Street. The facility would then rise slightly on a low level causeway 160 meters (525 feet) long over the site of the proposed Tennessee Hollow restoration and a depressed Girard Road. East of Girard Road the facility would return to existing grade north of the Gorgas warehouses and connect to Richardson Avenue.

The Presidio Parkway Alternative would include an underground parking facility at the eastern end of the project corridor between the Mason Street Warehouses, Gorgas Street Warehouses and Palace of Fine Arts. The parking garage would supply approximately 500 spaces to maintain the existing parking supply in the area and improve pedestrian and vehicular access between the Presidio and the Palace of Fine Arts.

At the intersection with Merchant Road, just east of the toll plaza, a design option has been developed for a Merchant Road slip ramp. This option would provide an additional new connection from westbound Doyle Drive to Merchant Road. This ramp would provide direct access to the Golden Gate Visitors' Center and alleviate the congested weaving section where northbound Park Presidio Boulevard merges into Doyle Drive.

The Park Presidio interchange would be reconfigured due to the realignment of Doyle Drive to the south. The exit ramp from eastbound Doyle Drive to southbound Park Presidio Boulevard would be replaced with standard exit ramp geometry and widened to two lanes. The loop of the westbound Doyle Drive exit ramp to southbound Park Presidio Boulevard would be improved to provide standard exit ramp geometry. The northbound Park Presidio Boulevard connection to westbound Doyle Drive would be realigned to provide standard entrance ramp geometry. There are two options for the northbound Park Presidio Boulevard ramp to an eastbound Doyle Drive connection:

Option 1: Loop Ramp - Replace the existing ramp with a loop ramp to the left to reduce construction close to the Calvary Stables and provide standard entrance and exit ramp geometry.

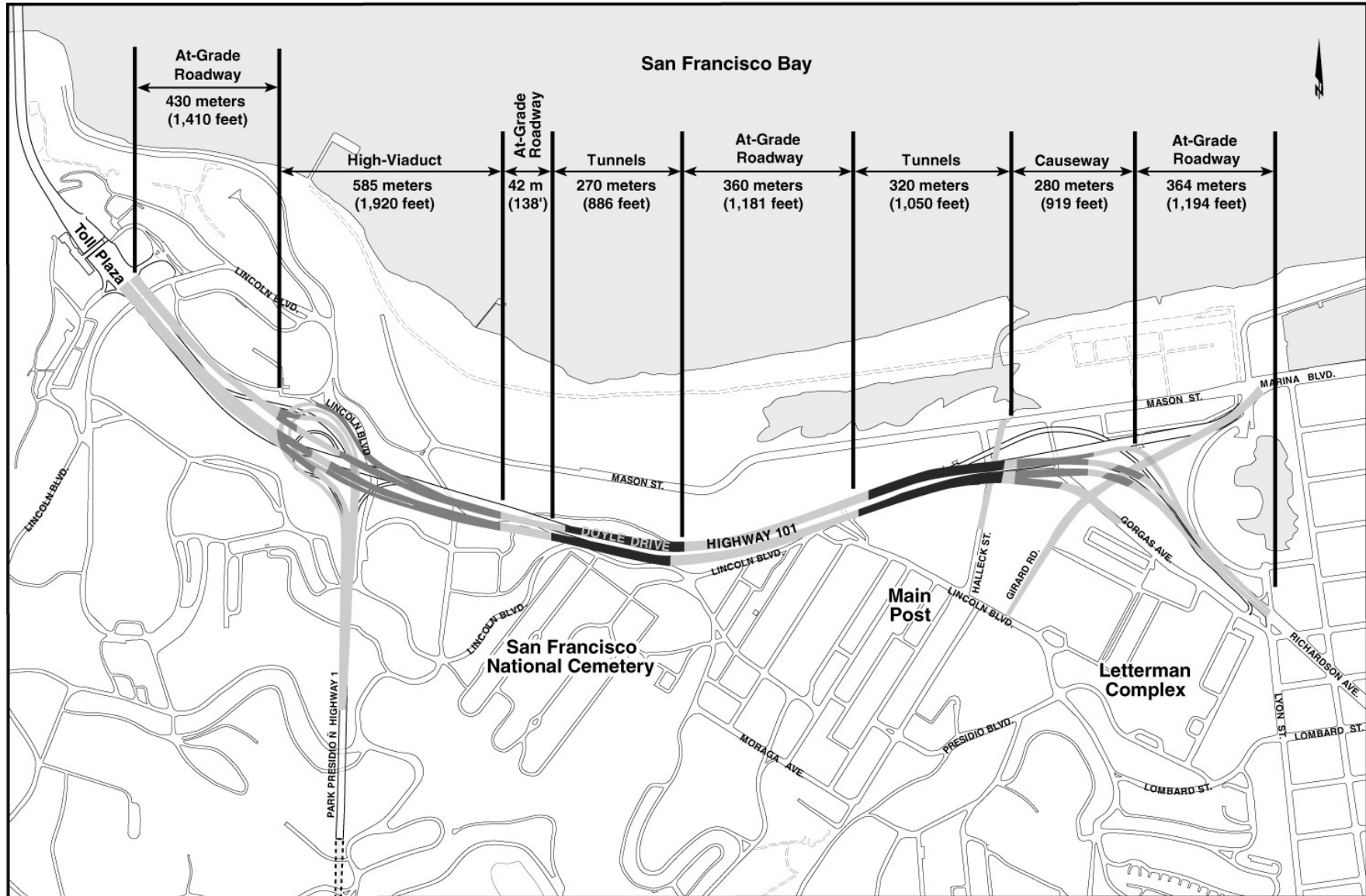
Option 2: Hook Ramp - Rebuild the ramp with a similar configuration as the existing ramp with a curve to the right and improved exit and entrance geometry.

The Presidio Parkway Alternative includes two options for direct access to the Presidio and Marina Boulevard at the eastern end of the project:

Diamond Option – Direct access to the Presidio and Marina Boulevard in both directions is provided by the access ramps from Doyle Drive connecting to a grade-separated interchange at Girard Road. East of the new Letterman garage, Gorgas Avenue is a one-way street and connects to Richardson Avenue with access to Palace Drive via a signalized intersection at Lyon Street.

Circle Drive Option – The Circle Drive Option provides direct access to the Presidio and Marina Boulevard for eastbound traffic by access ramps connecting to a grade-separated interchange of Girard Road. Westbound traffic from Richardson Avenue would access the Presidio and Palace Drive through a jug handle intersection with Gorgas Avenue.

FIGURE 1d
ALTERNATIVE 5: PRESIDIO PARKWAY



SECTION 3 SETTING

3.1 CLIMATE

The climate of the San Francisco waterfront area is characterized as dry-summer subtropical (often referred to as Mediterranean), with cool winters and relatively warmer dry summers. Two types of Mediterranean climate are recognized and are based primarily on summertime temperatures. San Francisco is an example of the “cool summer” type where cool temperatures on a windward coast are further cooled by cold ocean currents. The mean annual rainfall in the vicinity of the project site, for the period between 1914 and 2000, is approximately 50 centimeters (20 inches).¹ Analysis of long-term precipitation records indicates that wetter and drier cycles, lasting several years, are common in the region. Severe, damaging rainstorms occur at a frequency of about once every three years.²

3.2 PHYSIOGRAPHY

Topography within the Presidio is variable, ranging from the relatively flat coastal plain near sea level along the western and northern shorelines to approximately 120 meters (400 feet) in the south-central hilly uplands. Prior to placement of fill in the early 1900s, the north coastal relatively flat lowlands (in the areas now known as Crissy Field and Marina Green) included a back dune marsh system with salt marsh, mudflats, sandflats, subtidal channels, and sand dunes.³ The western coastal area is characterized by steep rocky bedrock slopes and outcrops of Franciscan Assemblage rocks, including sandstone, shale, chert, and serpentinite.⁴ The inland portions of the site consist mainly of gently sloping hills, with several relatively large flat areas in the eastern portion of the site where most of the Presidio buildings are located.

3.3 STORM DRAINAGE

There are three main watersheds within the Presidio comprising an area of approximately 550 hectares (1,360 acres):⁵ 1) the Lobos Creek watershed, 2) the western coastal watershed, and 3) the San Francisco Bay watershed (which includes the Fort Scott and Tennessee Hollow subwatersheds).⁶ The Lobos Creek watershed in the southwestern portion of the site (approximately 111 hectares (275 acres) total area) and the western coastal watershed (approximately 85 hectares (210 acres) total area) drain to the Pacific Ocean and would not be directly affected by the proposed project because the Doyle Drive alignment does not cross the basin boundaries. Therefore, the Lobos Creek and western coastal watersheds are not further discussed.

The portion of the Presidio that drains to San Francisco Bay (San Francisco Bay watershed) is comprised of approximately 354 hectares (875 acres) of various types of land uses, including open space, residential, commercial, industrial, institutional, and special use (cemeteries and roads). There are 14 drainage basins within the watershed and each ultimately drains to San Francisco Bay. The Doyle Drive alignment either crosses or passes near each of the 14 drainage basins and therefore activities associated with reconstruction of the roadway could directly affect water quality within these drainage basins (Figure 2). A Location Hydraulics Study was prepared for the project that includes an inventory of storm drain crossings of

¹ Western Regional Climate Center (website: <http://www.wrcc.dri.edu/elimsmsfo.html>), 2000.

² Brown, William, M. III, 1988, Historical Setting of the Storm: Perspectives on Population, Development, and Damaging Rainstorms in the San Francisco Bay Region, in Landslides, Floods, and Marine Effects of the Storm of January 3-5, 1982, in the San Francisco Bay Region, California, Stephen D. Ellen and Gerald F. Wiczorek, Eds., U.S. Geological Survey Professional Paper 1434. 1988.

³ Dames and Moore, 1995, Wetland and Riparian Corridor Restoration and Feasibility Study, Presidio of San Francisco, National Park Service, February.

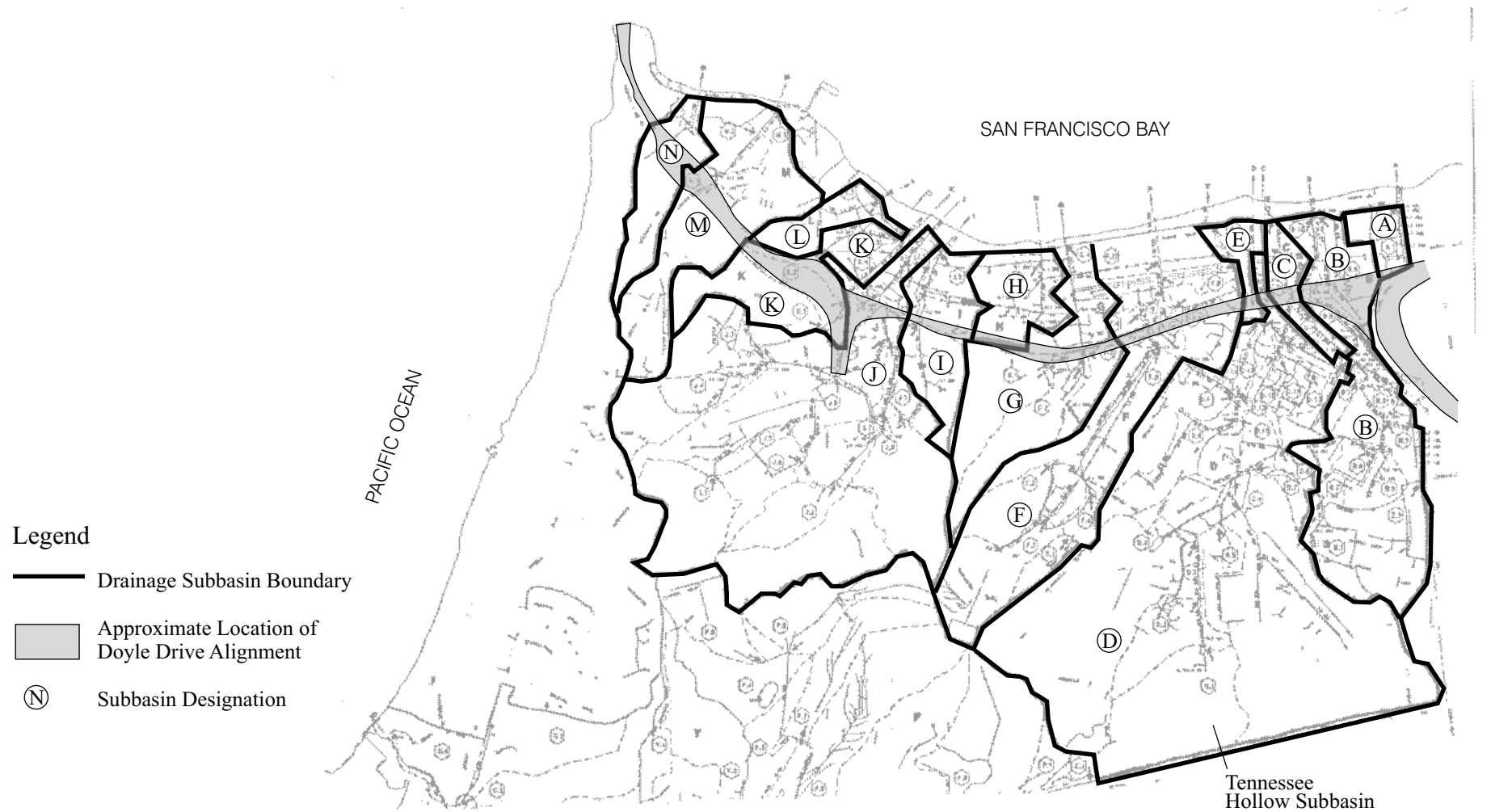
⁴ Montgomery Watson, 1996, Basewide Groundwater Monitoring Plan (Draft), Presidio of San Francisco, California, prepared for the U.S. Army Corps of Engineers, July.

⁵ Acreages reported are for the portions of the watershed within the Presidio.

⁶ Dames and Moore, 1994, Presidio of San Francisco Storm Water Management Plan, October.

WATERSHED SUBBASINS

Figure 2



Doyle Drive San Francisco, California

Source: Dames & Moore, 1994.



the alignment and their characteristics.⁷ Of the 14 drainage basins that could be affected, the largest is referred to as the Tennessee Hollow (or sometimes the El Polin/Tennessee Hollow) watershed. A biological and hydrological linkage between the Tennessee Hollow surface and groundwater system and the Crissy Field wetland is considered by the Presidio Trust to be integral to the health and ecological function of the future health of the wetland restoration at Crissy Field. The Trust and the NPS are conducting research to further define the linkage.

Open space in the project area is generally drained by overland flow and open channels. The open spaces are vegetated and include minimal impervious surfaces, and therefore runoff rates and volumes are low relative to the more developed land uses. Natural drainage features within the more developed urban-type areas have been largely eliminated and/or altered by past grading, filling, and construction activities, leaving only a few isolated segments of riparian corridor. Most of the drainage in the urban areas now occurs through the Presidio storm drain system in underground pipes and open channels along roads. There are no open channel creeks or streams that cross the alignment. The storm drain system, which was built mainly by the U.S. Army, was constructed in a piecemeal fashion over a period of more than 200 years. The drainage system was constructed with a variety of materials, including wood, clay, brick, rock, concrete, stone, corrugated metal, and steel,⁸ and much of the system is damaged or of insufficient capacity to accommodate design flows. Based on results of hydrologic modeling, the total runoff in any given year is expected to be approximately 30 percent of annual precipitation.⁹ Under current conditions, it is estimated that approximately 3,000 lineal meters (10,000 feet) of the drainage system [out of a total of 11,300 lineal meters (37,000 feet) within the entire Presidio] has insufficient capacity to convey the 10-year design storm.¹⁰ However, based on the lack of reported flooding problems in the vicinity of the Doyle Drive alignment, it appears that this area is not subject to frequent flooding.

It is important to note that unlike most of the City and County of San Francisco (City), the Presidio operates separate storm water and sanitary sewer systems (the City operates a combined system where storm water and sewerage flows in the same piping systems and are treated simultaneously at the various treatment plants prior to discharge). Historically, the Presidio operated a combination of separate and combined systems, but recently has undertaken a program to separate the systems and eliminate illicit sewerage discharges to the storm sewer system. However, based on the results of runoff sampling and analysis for coliform bacteria conducted in 1994, some concerns remain that not all illicit discharges have been eliminated.¹¹

3.3.1 Tennessee Hollow and Crissy Marsh

The largest drainage basin in the Presidio is Tennessee Hollow watershed, which consists of approximately 110 hectares (270 acres) (upgradient of Doyle Drive) of mixed land uses, primarily open space, residential, and recreational. The Doyle Drive alignment crosses Tennessee Hollow in the northern portion of the watershed (Figure 3).

Two of the three creek tributaries experience year-round flows (the Central/El Polin Springs and Eastern Tributaries), while the third – the Western Tributary – is intermittent, flowing only during precipitation events.¹² The characteristics of these streams have been substantially altered over the last 225+ years by the construction of roads and buildings, placement of fill, planting of the historic forest and other removal or alteration of vegetative cover. The Tennessee Hollow watershed today is covered by approximately 19

⁷ Manna Consultants, 2001, Location Hydraulics Study

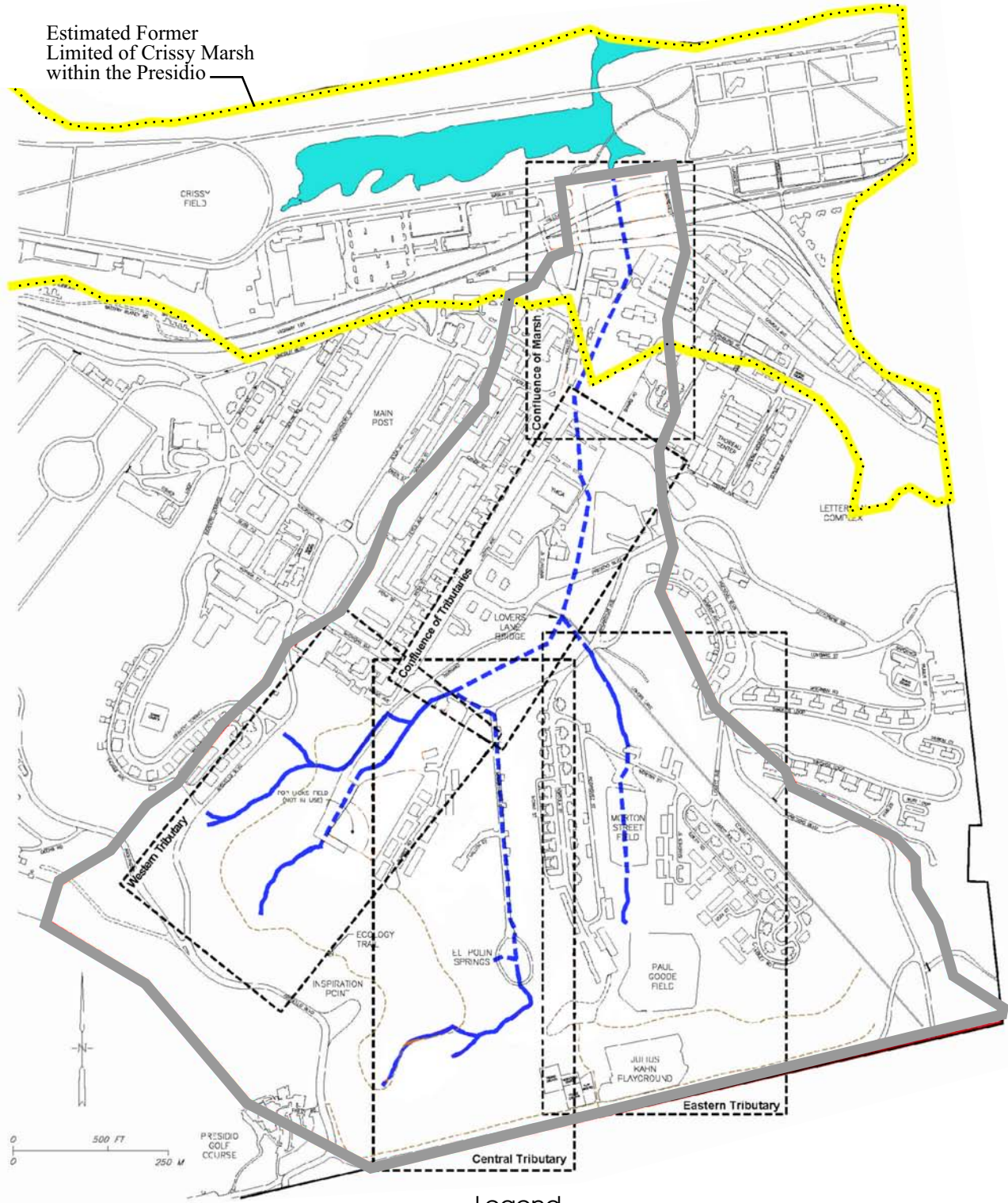
⁸ Ibid.

⁹ Dames and Moore, 1995, op. cit.

¹⁰ Dames and Moore, 1994, op. cit.

¹¹ Ibid.

¹² Dames and Moore, 1995, op. cit., Kamman Hydrology & Engineering, Inc. 2002, Conceptual Watershed Model and Proposed Surface and Groundwater Monitoring Program for the Tennessee Hollow Riparian Corridor Restoration Project, 2003, Draft Final Hydrologic Monitoring Report for the Tennessee Hollow Riparian Corridor Restoration Project.



Estimated Former Limited of Crissy Marsh within the Presidio

Legend

- Existing Natural Channel
- - - Existing Underground Storm Drain or Lined Channel
- Watershed Boundary

Doyle Drive
San Francisco, California

Source Presidio Trust, 2003 (base); NPS, Trust & GGNPC, 2004 (Crissy Marsh limits within the Presidio)



hectares (46 acres) (16 percent) of impervious surfaces (i.e., roads, parking lots, and buildings).¹³ Currently more than half of the creek system has been diverted into storm drains or lined concrete channels. Although there have been substantial changes to the creek system, small pockets of remnant creek and associated wetland habitat remain. These areas support some of the most biologically abundant and diverse wildlife habitat at the Presidio.

The vast majority of the Tennessee Hollow watershed is within the planning jurisdiction of the Presidio Trust (Trust). The Trust's adopted land use plan – the Presidio Trust Management Plan (PTMP) (2002) – acknowledges the rich ecological and cultural values of this area of the Presidio and calls for its restoration, protection, and interpretation. In broad terms the PTMP directs the Trust to:

Restore a functioning stream ecosystem with associated riparian and wetland habitats; improve the quality of freshwater flows into Crissy Marsh; improve management practices in the surrounding watershed; protect and enhance cultural and archeological resources; provide recreational, educational, and interpretative opportunities; and adapt existing infrastructure to support the restoration (pg. 19).

The PTMP also provides specific policy guidance on what the Trust should consider in achieving these broad goals (pgs 3-20, 42-45, and 110-106), and acknowledges that a separate public planning and environmental review process will be undertaken to develop, analyze and seek public input into project alternatives. The Trust formally initiated this process in November 2002 by seeking early public input into the formation of alternatives and scope of the environmental analysis. In total, nearly 500 comment letters were received by the Trust between November 2002 and November 2003. These comments addressed a wide range of issues including opinions or preferences regarding the project, suggested changes to the alternatives, and recommendations that specific issues be evaluated in the forthcoming Environmental Assessment (EA). The Trust and its consultants reviewed these comments, refined the project alternatives and proposed scope of the EA, and are currently preparing the EA that will be released for public review and comment in early Fall 2004. The EA will evaluate the impacts of the project alternatives, as well as the required "No Action" and identify mitigation measures that would be implemented by the Trust to minimize potential adverse impacts. The Trust will review public comments on the EA and determine the appropriate next steps for completing the environmental and other compliance processes.

The Tennessee Hollow project covers a large area and as a practical matter all of the project alternatives would be implemented in phases extending over a period of several decades. The timing and duration of each phase cannot be precisely defined at present. However, for the purposes of the Trust's current planning efforts, the EA will assume that Phase 1 (including post-restoration maintenance and monitoring) would require up to 10 years to complete. All project alternatives share a similar approach to phasing, focusing on the upland area of the watershed – primarily on the Eastern Tributary. Over time, the Trust would adaptively manage and implement additional phases of the project with the long-term objective of providing a continuous habitat corridor from the Bay to upland areas.

Crissy Marsh, at the downstream end of the Tennessee Hollow watershed, is also being studied and at some time in the future Crissy Marsh may be expanded. The Crissy Marsh Technical Study – a technical study examining the health and function of the marsh – was completed and the results presented to the public at a workshop in the Spring 2004. The Trust, National Park Service, and the Golden Gate National Parks Conservancy are currently preparing to initiate a public planning/NEPA process for the Crissy Marsh expansion project, which will evaluate a full range of options for the long-term health and viability of the marsh. The area being considered for expansion (which approximates the estimated former extent of the marsh) is shown on Figure 3.

The Doyle Drive alignment crosses the Tennessee Hollow drainage just south of the recently restored Crissy Field Marsh and within the area being considered for marsh expansion. Therefore, depending on which alternative is selected, it is possible that the proposed project could affect hydrology and water quality within

¹³ Ibid.

the watershed and marsh. Potential impacts are discussed in the Potential Impacts and Mitigation Measures section of this report.

3.4 FLOODING

The project site has not been included in the Federal Emergency Management Agency's (FEMA) regional flooding hazards mapping program (none of the City has been included in the federal program). Therefore, areas subject to flooding during the 100-year storm event, if any, have not been delineated within the Presidio by FEMA. No other sources of floodplain data for the project site have been identified.

3.4.1 Coastal Hazards

The location of the project site (adjacent to San Francisco Bay) may result in the site being affected by coastal hazards, such as tsunamis, extreme high tides, or sea level rise.

3.4.1.1 Tsunamis

A tsunami is a sea wave produced by an offshore earthquake, volcanic eruption, or landslide.¹⁴ Tsunamis are difficult to observe in the open ocean because they have relatively low wave heights [typically less than 3 meters (10 feet)] and travel very fast [up to 800 kilometers (500 miles) per hour].¹⁵ Tsunamis can be exceedingly destructive upon reaching exposed coastlines, where they are capable of rising to 30 meters (100 feet) in height and moving at 50 kilometers (30 miles) per hour. San Francisco Bay, and its tidally influenced tributaries, are partially protected from inundation and damage associated with tsunamis because of the restricted hydraulic access at the Golden Gate. The predicted wave run-up at the bay front adjacent to the project site has been estimated to range between 2.4 and 2.5 meters (7.8 and 8.2 feet), National Geodetic Vertical Datum (NGVD) for the 100-year tsunami.¹⁶ Converted to the more modern North American Vertical Datum (NAVD), the predicted wave run-up is 3.2 meters (10.5 feet).¹⁷

3.4.1.2 Extreme High Tides

Extreme high tides in San Francisco Bay result from the combined effects of astronomical high tides (related to the lunar cycle) and other factors, including winds, barometric pressure, ocean temperatures, and freshwater runoff. In California, the highest astronomical tides occur in the summer and winter, and therefore extreme high tides occur during these times. The highest tide ever recorded in San Francisco Bay (between 1855 and 1983) occurred on December 3, 1983 [tide elevation of 1.83 meters (6.0 feet) NGVD]. Based on the 129-year record of daily high tide, the U.S. Army Corps of Engineers (Corps) has developed an estimated 100-year high tide elevation for various locations in the Bay (an extreme high tide with the probability of occurrence once every 100 years). The elevation of the adopted 100-year tide at the project site is approximately 1.83 meters (6.0 feet) above NGVD.¹⁸ Converted to NAVD, the elevation of the extreme high tide is 2.6 meters (8.5 feet).

¹⁴ Steinbrugge, K., 1982, Earthquakes, Volcanoes, and Tsunamis, An Anatomy of Hazards, Skandia America Group.

¹⁵ Costa, J. and Baker, V., 1981, Surficial Geology, Building with the Earth, John Wiley and Sons, pp 435-440.

¹⁶ Houston, J.R., Garcia, A.W., 1975, Type 16 Flood Insurance Study: Tsunami Predictions for Monterey and San Francisco Bays and Puget Sound, Technical Report H-75-17, November.

¹⁷ The nearest benchmark to the Main Post 15 N813 (Appendix A). This datum indicates approximately a 0.8 meter (2.5 foot) difference between NGVD and NAVD.

¹⁸ United States Army Corps of Engineers, 1989, San Mateo and Northern Alameda Counties Interim San Francisco Bay Shoreline Study, September.

3.4.1.3 Sea Level Rise

Tidal gauge measurements collected over the last 100 years indicate that sea level is rising relative to the land surface in many locations throughout the world.¹⁹ Over the last 100 years, the temperature of the earth's surface has risen approximately 0.6 degree Celsius (1.8 degrees Fahrenheit).²⁰ It is widely believed that sea levels will continue to rise in response to global warming. Global warming causes thermal expansion of the upper layers of the ocean (increasing the volume of water) and melting of the earth's glaciers and polar ice fields. Such increases in sea level, if sustained over long periods, could create flooding problems (or exacerbate existing problems) for those areas currently protected from flooding with only minimal freeboard. To plan for, and mitigate, potential flooding problems associated with sea level rise, it is important to be able to quantify the amount of sea level rise expected at a specific location over a given time period. Long-range projections of the behavior of physical systems are extremely difficult because of the uncertainties involved. Since the Environmental Protection Agency (EPA) released its first major study on sea level rise in 1983, estimates for amount of predicted sea level rise have steadily decreased. In 1983, EPA predicted a 1.8 meter (5.7 foot) rise at the project site by 2100.²¹ EPA's most recent prediction for the expected total sea level rise at the project site is 16 centimeters (0.5 foot) by the year 2050 and 37 centimeters (1.2 feet) by the year 2100.²²

Those portions of the project site below the elevation of extreme high tide or tsunami wave run-up elevation, added to the incremental increase in elevation resulting from predicted sea level rise, and not protected by berms, levees or other similar features, could be subject to increased flooding hazards as time progresses. Based on review of a detailed topographic map,²³ it appears that the existing grade along some portions of the alignment in the vicinity of the Main Post and Tennessee Hollow is at or below the elevation that may allow flooding by the tsunami hazard described. Potential impacts from coastal flooding are further discussed in the impacts and mitigation measures section of this report.

Predicted inundation elevations associated with the coastal hazards described are presented in Table 1. All subsequent discussion of inundation elevations is relative to the NAVD datum.

**TABLE 1
PREDICTED INUNDATION ELEVATIONS ASSOCIATED WITH 100-YEAR EXTREME HIGH TIDE AND
TSUNAMI EVENTS**

Coastal Hazard	Predicted Elevation at the Presidio (NGVD of 1929)	Predicted Elevation at the Presidio (NAVD of 1988)	Sea Level Rise (predicted by 2050)	Predicted Elevation at the Presidio, Including Sea Level Rise (NAVD of 1988)
Extreme High Tide (100-year event)	1.8 meters (6.0 feet)	2.6 meters (8.5 feet)	0.15 meter (0.5 foot)	2.75 meters (9.0 feet)
Tsunami Wave Run-up (100-year event)	2.4 meters (7.8 feet)	3.2 meters (10.5 feet)	0.15 meter (0.5 foot)	3.35 meters (11.0 feet)

¹⁹ Bay Conservation and Development Commission (BCDC), 1987, Sea Level Rise: Predictions and Implications for San Francisco Bay, December.

²⁰ United States Environmental Protection Agency (U.S. EPA), 1995, The Probability of Sea Level Rise, EPA 230-R-95-008, October.

²¹ United States Environmental Protection Agency (U.S. EPA), 1983, Can We Delay Greenhouse Warming?, authors: Seidel, S., and Keyes, D.

²² U.S. EPA, 1995, The Probability of Sea Level Rise, EPA 230-R-95-008, October.

²³ Parsons Brinckerhoff, 2000, Topographic Map of Doyle Drive Alignment, contour interval = 0.5 meter.

Note: Studies that predicted extreme high tides and tsunami wave run-up elevations were reported relative to the National Geodetic Vertical Datum of 1929 (prior to conversion to North American Vertical Datum of 1988). The data used in the conversion between NGVD and NAVD are included in Appendix A. The datum used for all current project plans and specifications is NAVD 1988.

3.5 GROUNDWATER OCCURRENCE

Groundwater occurs in the geologic materials underlying the site. The quantity and quality of groundwater are highly dependent on the type and thickness and configuration of the geologic materials present. In addition, the historic land uses within the Presidio (including placement of artificial fill and releases of hazardous substances) have affected groundwater quality in some areas (refer to Final Preliminary Site Investigation, January 2002, for a description of on-site hazardous materials releases relevant to the proposed project). Available information on ambient groundwater quality is included in the Water Quality section of this analysis. Following is a discussion of the geological stratigraphy and fill materials placed at the site and the occurrence of groundwater in these materials.

The bedrock material underlying the Presidio is the Franciscan formation, a complex assemblage of shale, sandstone, chert, volcanics, and metamorphic rocks (including serpentinite).²⁴ The Franciscan is highly deformed (folded and faulted) and extends hundreds to thousands of feet below the surface at the Presidio. Franciscan rocks outcrop at various locations in the Presidio, including along the western boundary and the south-central and eastern hilltops. Overlying the Franciscan bedrock is the Colma formation, an unconsolidated to weakly consolidated fine- to medium-grained sand unit with lesser amounts of silt and clay.

The Colma formation is overlain by dune sands in the central and southwestern portions of the site. The dune sands are highly permeable with a fine- to medium-grained texture.²⁵ The thickness of the dune sands is typically less than 30 meters (100 feet). Beach sands and Bay Mud are present at the northern Presidio boundary. Artificial fill has been placed in many of the low-lying areas of the Presidio, including the areas now known as Crissy Field, Marina Green, and Tennessee Hollow. The fill is composed of on-site soil and lesser amounts of construction debris (brick, mortar, road base, concrete, and metal).

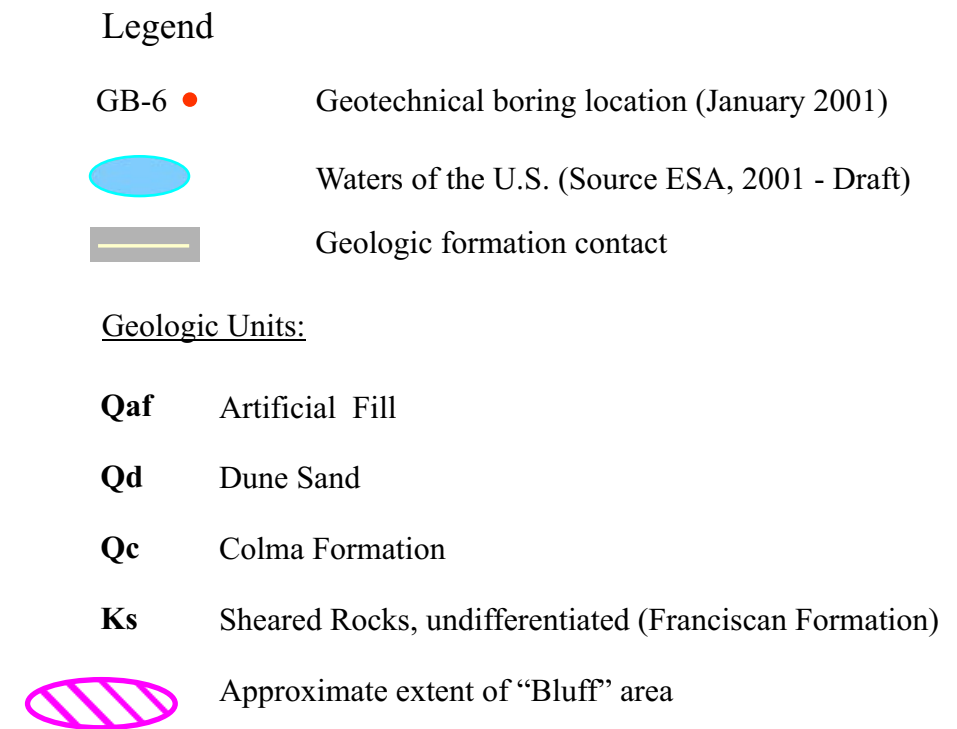
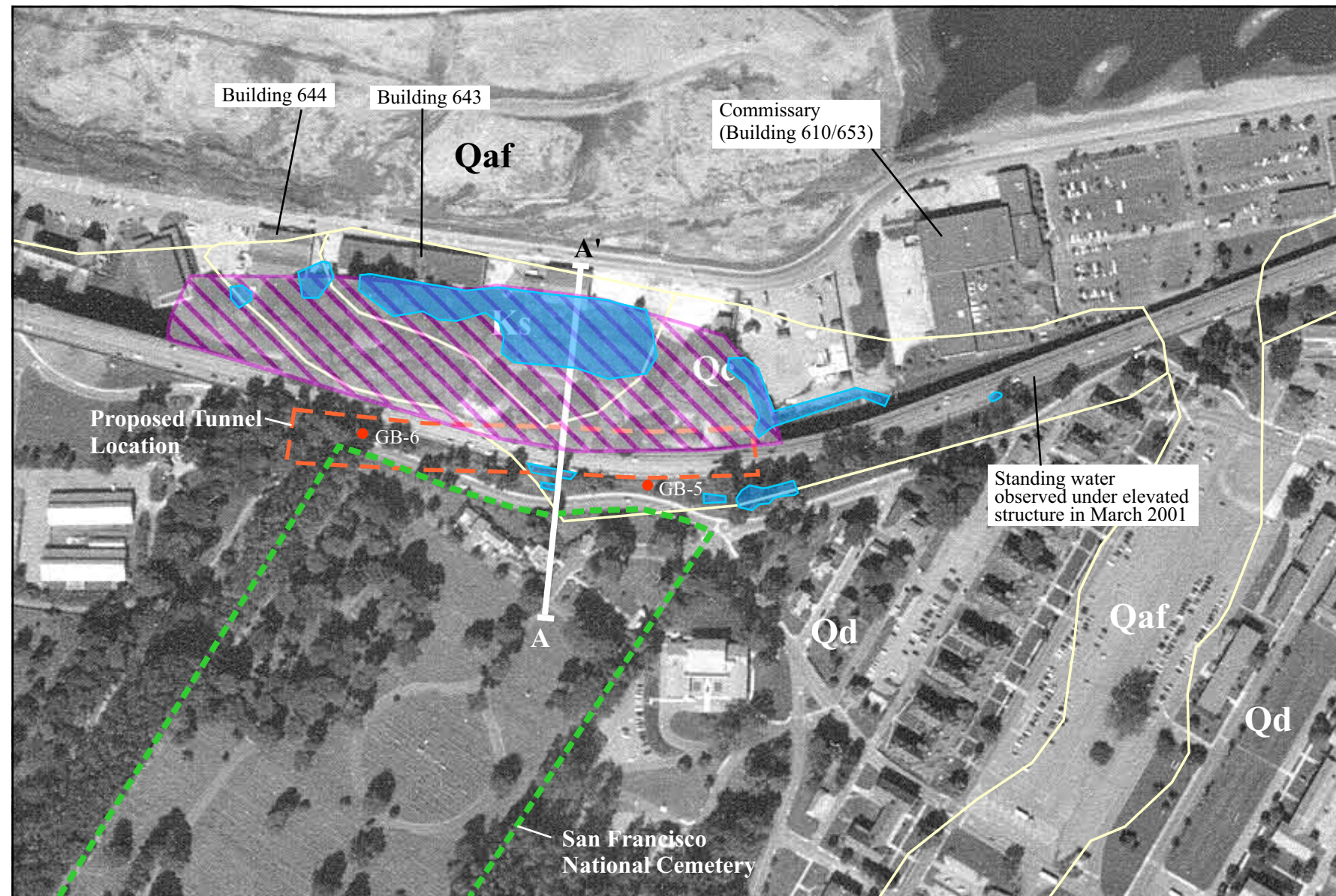
Groundwater occurs in both the bedrock and overlying unconsolidated sediments and fill. The majority of the water in the bedrock probably occurs within fractures rather than in the interstitial pore spaces (since the primary porosity of the types of rocks that make up the Franciscan is very low). In general, Franciscan bedrock “aquifers” are of low yield. Groundwater also occurs in the overlying unconsolidated sediments, at depths ranging from near the surface (at El Polin spring) to greater than 15 meters (50 feet) below the surface in the hilly uplands. It is expected that the uppermost groundwater is unconfined, that is, the upper water table surface is free to move up or down and is not confined by a low permeability layer (e.g., clay or silt).

Based on historic observations, a reconnaissance conducted in March 2001, and a delineation of jurisdictional waters of the United States,²⁶ numerous seeps and springs occur on the slopes and along the base of the bluffs north of the San Francisco National Military Cemetery (Figure 4). The slopes of the bluffs support a variety of native and non-native vegetation (for additional discussion of the biotic resources, refer to the biological assessment prepared for this project). During the March 2001 reconnaissance, the following features indicating near-surface groundwater flow were identified:

²⁴ Schlocker, Julius, 1974, *Geology of the San Francisco North Quadrangle, California*, U.S. Geological Survey Professional Paper 782.

²⁵ Ibid.

²⁶ Environmental Science Associates, 2001, *Draft Doyle Drive Corridor Wetland Delineation*, 21 March.



Refer to Figure 5 for geologic cross-section along A'-A

**Doyle Drive
San Francisco, California**

Source: Geologic Base - Schloeker, 1974.
D:\Graphics\Y0239-03\Figure4 Bluff.cdr 7/7/04



- An area of standing water approximately 4.6 by 9.1 meters (15 by 30 feet) was observed on the fill terrace below the bluffs under the existing elevated Doyle Drive roadway (Figure 4). During the field reconnaissance, it did not appear that the standing water was being supported by overland flow from the slopes (no visible springs). It is likely that the pond was supported by a combination of surface runoff from the slope and Doyle Drive and underflow from the toe of the slope. Historic observations indicate that the area remains moist throughout the summer (although standing water may not be present).²⁷
- The vegetation on the bluff slopes below the existing Doyle Drive (between McDowell Avenue to the west and the eastern edge of the cemetery to the east) includes several species indicative of near-surface high moisture and/or saturated conditions. Specific plant types identified include willows, calla lily, horsetail, and elderberry. Several places on the slope currently support relatively dense growth of one or more of these high water need plants, and indicate the presence of springs.
- A substantial amount of drainage from the slope onto the pavement on the fill terrace was observed between buildings 643 and 644 (Figure 4).

3.5.1 Tennessee Hollow and Crissy Field

The geologic materials underlying the tributaries of Tennessee Hollow consist of bedrock overlain by Colma formation, which, in turn, is overlain in some areas by artificial fill. The fill thicknesses range from zero to 9 meters (30 feet), but are more typically 1.5 to 3 meters (5 to 10 feet) thick.²⁸ Groundwater appears to occur primarily in the Colma formation and the underlying bedrock, although the lower portion of the fill is saturated in most areas. Springs in the upland area of the Presidio feed each of the eastern and central tributaries with approximately 2.8 cubic meters (100 cubic feet) per day of groundwater discharge.²⁹ More recent flow monitoring indicates that a sustained baseflow of about 9.3 cubic meters (327 cubic feet) per day of groundwater discharge occurs in these springs (with high flows in the rainy season).³⁰

Crissy Field is underlain by artificial fill, beach and dune sands, Bay Mud, and Franciscan bedrock.³¹ The fill consists of locally derived soil with relatively small amounts of debris, and ranges in thickness between 0.6 to 1.8 meters (2 to 6 feet). Depth to first groundwater in the Crissy Field area, which generally flows north toward the Bay, is typically about 1.5 meters (5 feet) below the ground surface (bgs).³²

In January 2001, an investigation was conducted to further define the hydrogeology in the vicinity where the Tennessee Hollow drainage crosses the Doyle Drive alignment.³³ As part of this investigation, three borings were installed (HGB-1, HGB-2, and HGB-3) to depths ranging from 21 to 27 meters (70 to 90 feet) bgs. Three nested piezometers were installed at each location. The boring logs developed during drilling indicate that, in general, the stratigraphy includes a hard to very stiff clay [upper bound at about 18 to 21 meters (60 to 70 feet) bgs] overlain by 6 to 15 meters (20 to 50 feet) of silty fine sand [upper bound at about 6 to 9 meters (20 to 30 feet) bgs], which in turn is overlain by a mixture of clay, silt, and sand layers. The upper 2.1 to 3.0 meters (7 to 10 feet) is composed of artificial fill. An effort was made to sample the borings continuously so that the stratigraphy could be accurately characterized. However, actual recovery of soil

²⁷ Castellini, Laura, 2001, Wetland Specialist, NPS, personal communication with Bruce Abelli-Amen of BASELINE, 13 March.

²⁸ Dames and Moore, 1995, op. cit.

²⁹ Ibid.

³⁰ Kamman Hydrology and Engineering, 2003, Draft Final Hydrologic Monitoring Report for the Tennessee Hollow Riparian Corridor Restoration Project, the Presidio of San Francisco, March.

³¹ Watkins-Johnson Environmental, 1993, Remedial Investigation Report Presidio Main Installation, Volumes I, IIA, and IIB in Dames and Moore, 1995, Wetland and Riparian Corridor Restoration Feasibility Study, Presidio of San Francisco, National Park Service.

³² Dames and Moore, 1995, op.cit.

³³ BASELINE Environmental Consulting, 2001, Data Report, Piezometer Installation and Development, Doyle Drive Reconstruction Project, San Francisco, 11 April (included as Appendix B).

cores was not complete due to obstructions and/or loss of material during retrieval of the sample (i.e., less than 100 percent),³⁴ so discrete thin strata, if positioned in zones where recovery was incomplete, may not have been observed.

Based on the water levels measured in the piezometers in February 2001, a substantial upward groundwater gradient is present in the vicinity of the crossing. Piezometers HGB-2-40, HGB-2-71, HGB-3-64, and HGB-3-74 were found to be flowing artesian wells (i.e., the stabilized potentiometric water level was found to be above the ground surface), whereas water was first encountered during drilling at depths ranging from 1.5 to 3 meters (5 to 10 feet) bgs. Based on review of the boring logs, the silty fine sand unit that the artesian piezometers were screened within appeared to be confined by a 0.6 to 0.9 meter (2 to 3 foot) thick stiff silty clay layer at a depth of approximately 6 meters (20 feet) (at HGB-3). Based on water level measurements made in February 2001 in the nested piezometers at HGB-2, the potentiometric head within the fine sand unit was substantially higher than the head in the overlying water-bearing zone.

3.6 WATER QUALITY

The quality of surface and ground water at the project site is affected by historic and current land uses and the composition of subsurface geologic materials. Water quality in surface and ground water bodies is regulated by the State Water Resources Control Board and Regional Water Quality Control Boards. The project site is under the jurisdiction of the San Francisco Bay Regional Water Quality Control Board (RWQCB), which is responsible for implementation of state and federal water quality protection laws and regulations in the vicinity of the project site. The RWQCB prepares and adopts the Water Quality Control Plan, San Francisco Bay Basin (Basin Plan),³⁵ a master policy document for managing surface and ground water quality issues in the region. The Basin Plan establishes beneficial uses for waterways and water bodies within the region. Beneficial uses of coastal waters in San Francisco Bay include water contact recreation, noncontact water recreation, industrial service supply, navigation, marine habitat, shellfish harvesting, fishing, and preservation of rare and endangered species. Existing beneficial uses of the groundwater aquifer underlying the site (characterized as part of the San Francisco Sand Dune Area) include municipal and agricultural supply with industrial process and service water supply as potential beneficial uses.

The State Water Resources Control Board and the San Francisco Bay Regional Water Quality Control Board issue permits that implement the standards included in the Basin Plan as well as other requirements of the State Water Code and the Federal Clean Water Act.

3.6.1 Surface Water

Runoff water quality within the Presidio is currently subject to the Federal Nonpoint Source Program (established through the Clean Water Act), and implemented by individual states. The objective of this program is to control and reduce pollutant discharges to water bodies from nonpoint sources (which includes storm water runoff not regulated by a National Pollutant Discharge Elimination System (NPDES) permit). The Program is administered by the California Regional Water Quality Control Boards. The project site would be under the jurisdiction of the San Francisco Bay RWQCB.

In 1999, U.S. EPA promulgated storm water regulations, known as Phase II, requiring permits for storm water discharges from small municipal separate storm sewer systems (MS4s). To implement the Phase II program, the State Water Resources Control Board has issued a General Permit designated Water Quality Order No. 2003-0005-DWQ (NPDES No. CAS000004). This is known as the Phase II Small MS4 General Permit.

³⁴ Based on review of the field notes for the boring logs, it appears that recovery ranged from zero to 100 percent (for individual sample runs), and overall was approximately 70 percent. On average, about 17 inches of sample was recovered for each 24-inch sampler retrieved.

³⁵ San Francisco Bay Regional Water Quality Control Board, 1995, Water Quality Control Plan, June 21.

As part of this program, the SWRCB has listed in Attachment 3 to the General Permit, “Non-Traditional Small MS4s” anticipated to be designated in the future as being subject to the General Permit. The Presidio is included on this list. Once formally designated, the Presidio Trust will be required to prepare a Stormwater Management Plan and comply with the other provisions of the General Permit.

Discharges from Caltrans roadway facilities are regulated by an NPDES Statewide Storm Water Permit (Caltrans Permit – Order No. 99-06-DWQ) (NPDES No. CAS000003). This permit regulates discharges both during and after construction. The Caltrans permit requires that Caltrans implement the technical provisions of the statewide general permit for construction activities (Construction General Permit – Order No. 99-08-DWQ) (CAS000002). All construction projects resulting in soil disturbance of more than 0.4 hectare (1 acre) are subject to regulation under the Construction General Permit, which would apply to this project (through the Caltrans statewide permit). The Caltrans statewide permit requires Caltrans to implement and maintain an effective Storm Water Management Plan (SWMP). Caltrans uses the approved SWMP to address water quality concerns both during and after construction. The permit and SWMP specify that Caltrans will implement maximum extent practicable (MEP) pollutant control for roadway runoff. In addition, construction site runoff must be controlled using best available technology economically achievable (BAT) for toxic pollutants, and best conventional pollutant control technology (BCT) for other pollutants. Procedures to achieve compliance with water quality standards are also specified in both permits.

Projects within the Presidio disturbing more than 0.4 hectare (1 acre) of land during construction are required to file a Notice of Intent (NOI) with the RWQCB to be covered under the State NPDES General Construction Permit for discharges of storm water associated with construction activity. Caltrans construction projects have a different notification procedure, as specified in the Caltrans Statewide Permit. Proposed control measures must be consistent with the General Construction Permit. A Storm Water Pollution Prevention Plan (SWPPP) must be developed and implemented for each site covered by the general permit or by the Caltrans permit.

Data on surface water quality in the Presidio are limited. In support of the preparation of the Storm Water Management Plan for the Presidio, the chemical quality of several samples collected from runoff in the storm drainage system were analyzed for biological oxygen demand (BOD), chemical oxygen demand (COD), total suspended solids (TSS), total kjeldahl nitrogen, total phosphorus, heavy metals, oil and grease, and coliform. The following interpretations were made of the data by the investigators conducting the sampling:³⁶

- Runoff is neutral to slightly basic;
- COD and TSS were similar to the mean concentration identified for urban runoff by the U.S. EPA in their National Urban Runoff Program (NURP),³⁷
- BOD was found to be similar to the mean concentration identified for urban runoff by the NURP study (except in the industrial areas³⁸ of the Presidio, where concentrations were typically twice as high as the mean);
- Oil and grease were consistently detected in the industrial areas;
- Total kjeldahl nitrogen was identified in all areas at concentrations similar to the mean concentration identified in the NURP study;
- Phosphate was not identified in any of the samples;
- Metals were occasionally detected in the samples, particularly samples collected from the industrial areas.

In summary, BOD, COD, certain metals, and oil and grease were consistently detected at elevated concentrations in runoff from the industrial/urban areas near Buildings 610 and 979. Elevated concentrations

³⁶ Dames and Moore, 1994, op. cit.

³⁷ U.S. EPA, 1983, National Urban Runoff Program, 1983, Results of the Nationwide Urban Runoff Program, Vol. 1, December.

³⁸ The industrial areas sampled as part of the Presidio Storm Water Management Plan include the parking area northwest of Building 979 and the north side of Doyle Drive near Building 610.

of pollutants in runoff from industrial/urban areas are not unexpected since activities (e.g., chemical use and increased roadway and parking density) that could contribute to pollutant loading are concentrated in these areas.

In addition, as part of the effort to gather data for the restoration of Tennessee Hollow, the Trust has collected data on water quality parameters (temperature, specific conductance, and pH) of surface water flows at various locations in the Tennessee Hollow watershed.³⁹ Evaluation of the results of water quality parameter testing indicates a wide range of values and that the character of the surface water is influenced by the quantity of flow in the stream (e.g., high flows are generally characterized by lower specific conductance than low flows).

3.6.2 Groundwater

Discussion of impacts to groundwater quality resulting from past activities at the site (e.g., hazardous materials releases) is presented in the Preliminary Site Investigation, January 2002. This discussion focuses on ambient groundwater quality underlying the Presidio. The Presidio is underlain by three distinct groundwater basins: Lobos Creek, Coastal Bluffs, and the Marina basin. The Marina basin (which largely coincides with the San Francisco Bay watershed area) is the basin that could be affected by the proposed project. The Lobos Creek and Coastal Bluffs basins are not crossed by the project alignment (except a small segment of the south approach to the Golden Gate Bridge which crosses the Coastal Bluffs basin), and are not further discussed.

The Marina basin's aquifer is thin, with a high potential for subsidence (if groundwater were to be extracted), and largely of unknown water quality.⁴⁰ For these reasons, use of the aquifer as a drinking water resource is limited. In the vicinity of Crissy Field, tidal effects appear to be limited to the near-shore environment. A study evaluating the tidal effect on groundwater level fluctuation determined that, at 150 meters (500 feet) from the shore, tide-related oscillations in groundwater level were less than 0.015 meter (0.05 foot).⁴¹ Recent tidal studies conducted on existing monitoring wells associated with a petroleum hydrocarbon release investigation at Building 231 indicate that the upper water-bearing zones in the vicinity of monitoring well 231GW15 are tidally influenced.⁴² A figure showing the location of monitoring well 231GW15 is included in Appendix B.

Saltwater intrusion into shallow groundwater underlying the Presidio appears to be restricted to the near-shore areas. Several wells located in the Crissy Field area [ranging from 45 to 170 meters (150 to 550 feet) from the shore] indicate that levels of total dissolved solids and chloride are nearer to freshwater than sea water.⁴³ Groundwater samples collected from various depths from nested piezometers HGB-2 and HGB-3 were analyzed for electrical conductivity and found to range between 554 and 909 $\mu\text{mhos/cm}$, indicating fresh water.⁴⁴

³⁹ Kamman Hydrology and Engineering, 2003, Draft Final Hydrologic Monitoring Report for the Tennessee Hollow Riparian Corridor Restoration Project, the Presidio of San Francisco, March.

⁴⁰ San Francisco Water Department, 1996, San Francisco Groundwater Master Plan.

⁴¹ Dames and Moore, 1995, op. cit.

⁴² Ullensvang, Brian, 2001, Remediation Manager, National Park Service, written communication of preliminary data collected by the Presidio Trust with Bruce Abelli-Amen of BASELINE, 14 March.

⁴³ The water samples that this conclusion was based on were collected from shallow wells (screened to a depth of 10 feet below the ground surface).

⁴⁴ The electrical conductance of a substance is its ability to conduct an electrical current. Current flows in ionized or mineralized water because the ions are electrically charged and move toward a current source that will neutralize them. The higher the electrical conductivity, the higher the salinity of water. The EC for fresh water typically ranges from 0 to 1,500 μmhos , for brackish water from 1,500 to 15,000 μmhos , and saline (including ocean water) above 15,000 μmhos .

SECTION 4: POTENTIAL IMPACTS AND MITIGATION MEASURES

4.1 SIGNIFICANCE CRITERIA

The following list of criteria of significance for environmental effects is largely based on the California Environmental Quality Act (CEQA) Guidelines Appendix G Environmental Checklist Form. Each criterion is discussed for relevance to the project.

The proposed project may have a significant effect if it would:

- Significantly increase the pollutant load associated with storm water runoff.
- Cause a violation of the Caltrans Statewide Permit (for Caltrans associated discharges) or the General Construction Permit for non-Caltrans projects).
Discharge of dewatering effluent or runoff from any of the proposed alternatives (either during the construction or operation periods) that includes sediment and/or urban pollutants above allowable regulated thresholds could affect receiving waters, if handled improperly.
- Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level.
The net change in impervious surfaces will vary for each of the proposed alternatives. The Presidio Parkway Alternative includes one tunnel segment (in the bluff area) that may cause effects on aquifer volume and local groundwater table levels.
- Substantially alter drainage patterns, currents, or the course or direction of water movements, in a manner that would result in substantial erosion or siltation on- or off-site, or substantially increase the rate or amount of surface water runoff in a manner that would result in flooding on- or off-site.
If runoff volumes and velocities exceeded the capacity of downgradient storm water conveyances, some degree of flooding could occur. However, the Location Hydraulics Study, December 2001 indicates that the existing storm drainage system could accommodate flows from each of the proposed alternatives, therefore there is no further discussion of mitigation or design measures. Construction-period erosion of stockpiled materials, if improperly protected and stabilized, is a potential impact of the project.
- Create or substantially contribute to runoff water that would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff.
- Alter the course or flow of flood waters within the 100-year flood hazard area.
There is no floodplain mapping for the site.⁴⁵ No documented historic flooding problems have been reported in the literature reviewed for this study. Any impacts associated with alteration of flood waters would be considered less than significant; therefore, there is no further discussion of mitigation or design measures.
- Place structures or other improvements susceptible to flooding within a 100-year flood hazard zone as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard map.
There is no floodplain mapping for the site. No documented historic flooding problems have been reported in the literature reviewed for this study. Any impacts associated with placement of improvements in a storm-related floodplain would be considered less than significant; therefore, there is no further discussion of mitigation or design measures.
- Expose people or property to water-related hazards such as flooding, or inundation by seiche, tsunami, sea level rise, mud flows, or dam or levee failure.

⁴⁵ A floodplain delineation has not been prepared for the site. Neither the City nor the Presidio has participated in the Federal Emergency Management Agency's flood insurance program, and therefore floodplains have not been mapped by FEMA.

Flooding could occur locally if drainage inlets were to become blocked during substantial precipitation events. In addition, the project could be susceptible to coastal flooding from tsunamis, extreme high tides, and/or sea level rise.

- Substantially damage, disrupt, or remove designated unique geologic and/or subsurface hydrology resources.

The bluffs south of Crissy Field are designated as unique geologic and subsurface hydrologic resources in the Draft Implementation Plan (2001). Construction of a tunnel segment through these bluffs would result in removal of a portion of a designated unique resource.

4.2 TEMPORARY CONSTRUCTION-RELATED EFFECTS

4.2.1 Managing Effluent Associated with Construction Dewatering

Construction of any of the build alternatives would require excavation below the groundwater level (e.g., tunnel construction, excavation for pile caps at bridge foundations). Typical construction practices require pumping of groundwater to dewater excavations below the groundwater level.

The most substantial excavation would occur under the Presidio Parkway Alternative (Alternative 5) during excavation for the tunnel through the bluff area north of the cemetery. Based on groundwater level data collected during the preliminary geotechnical investigation, it is estimated that the groundwater table is approximately two to three meters (6 to 9 feet) above the bottom of the proposed tunnel excavation elevation (although seasonal variation is likely). This potential condition warrants the use of a shoring system that would minimize groundwater intrusion into the below ground work area. One potential type of shoring system that could be used to construct the tunnel segment through the bluffs where groundwater inflows would likely be relatively low would include secant⁴⁶ piles in the soils and the thin layer of Colma Formation and shotcrete⁴⁷ and dowels or soldier piles⁴⁸ and lagging in the bedrock. However, this does not preclude the use of other types of temporary shoring systems (i.e., interlocking sheetpiles) that are structurally sound and minimize groundwater intrusion. With an appropriate temporary shoring system in place, strip drains would be installed during excavation to permanently convey groundwater around the tunnel. Dewatering would occur for the duration of the excavation and tunnel construction process, approximately one to two years. Potential temporary and long-term impacts associated with the disruption of fracture flow to the bluff face where important plant communities are further described below under Potential Alteration to Hydrogeology in the Vicinity of Bluffs and in the Natural Environment Study for this project.

Four hazardous materials sites under investigation and/or remediation by the Trust are located within approximately 500 feet of the proposed tunnel location:⁴⁹ Sewer Lift Station No. 1, Building 662 Area, Building 669 Area, and the Building 633 firing range. Of these sites, only Sewer Lift Station No. 1 is considered to have the potential for groundwater impacts. As the lift station is located north of, and hydraulically downgradient of, the proposed tunnel location, contaminants from this site would not be

⁴⁶ Secant piles are piles (vertical holes filled with concrete) placed side by side. One pile cuts into the adjacent pile, so the two are in direct contact with each other. Secant piles can be placed in a series, each cut into the adjacent pile, forming a wall. The walls can be made in a circular or rectangular pattern and hold back the soil when the inside is excavated.

⁴⁷ Shotcrete is mortar or concrete conveyed through a hose and pneumatically projected at high velocity onto a surface. Shotcrete used in conjunction with dowels or rock bolts (steel bolts drilled and cemented or mechanically fastened into the rock face) can be an effective shoring system for excavations in rock.

⁴⁸ The soldier pile and lagging shoring system consists of a series of steel I-beams that are placed vertically in the ground before excavation begins. As the excavation proceeds downward, the exposed earth walls between the piles are sheeted with boards or other suitable materials. The allowable excavation that can take place before the operation must be stopped and sheeted depends on the soil type. In sandy soils the sheeting must be nearly continuous.

⁴⁹ Erler & Kalinowski, Inc., 2003.

expected to affect dewatering operations. Additional information regarding hazardous materials sites is provided in the Waste and Hazardous Materials Technical Memorandum.

Although existing groundwater quality data do not indicate that groundwater in the vicinity of the bluffs tunnel is contaminated, it is possible that unidentified contaminants are present. If contaminants were present in dewatering effluent at levels that could cause environmental harm, a significant impact could occur. Potential impacts to the public or project workers are described in the Waste and Hazardous Materials Technical Memorandum. No indirect or cumulative effects associated with discharge of effluent are expected if current regulations are followed.

Mitigation Measure (No-Build)

None required.

Mitigation Measure (Replace and Widen, Presidio Parkway)

An effluent management plan would be prepared by the project proponent that would characterize the quality of groundwater in the vicinity of the dewatering operations (prior to initiation of dewatering), address permitting of the discharge, include specific management measures to ensure that uncontrolled runoff (which could impact the environment) does not occur, and detail the means of coordination with the appropriate regulating agencies.

The discharge of groundwater to the sanitary sewer system would be required to comply with the San Francisco Public Utilities Commission (PUC) pretreatment standards and other requirements for discharge to the City's sewer system. Such a discharge may require the Southeast Water Pollution Control Plant to accommodate a temporary and very minor additional pollutant load (only for the build alternatives). Prior to discharge of the dewatering effluent to the Presidio sanitary sewer system, an approval for discharge would be required from the Presidio Trust Utilities Department. However, the discharge of relatively clean groundwater to sanitary sewer systems is generally discouraged since it takes treatment capacity that is better dedicated to the treatment of domestic sewage and industrial wastes. Discharge to the storm sewer system (and eventually to the Bay) or directly to the Bay would be addressed by the Caltrans Statewide Permit, which incorporates the performance requirements and other technical provisions of the Construction General Permit. In exceptional cases, the Regional Water Quality Control Board may require a separate NPDES permit for the dewatering discharge.

Representatives from the Trust, NPS, and/or the Southeast Water Pollution Control Plant in coordination with the Region 2 RWQCB would determine whether the discharges were acceptable⁵⁰ and, if not, evaluate on-site treatment options to reduce contaminants to acceptable levels. If the dewatering effluent does not meet the requirements for sewer discharge, provisions for other off-site treatment/disposal or on-site treatment should be made. These permit requirements, if appropriately enforced, would reduce the potential impact of disposal of contaminated groundwater into the combined sewer system and the local storm drain system to a less-than-significant level.

4.2.2 Degradation of Runoff Quality during Construction

The build alternatives would involve roadway construction, including excavation, grading, stockpiling of soil, and reconstruction of existing facilities involving removal and replacement of earthen materials. It is possible for runoff generated during rainstorms at the site to result in erosion of exposed soil. Sediment transported by runoff could cause sedimentation in downstream drainages and/or the sewer system. The accumulation of sediment could result in blockage of flows, potentially resulting in localized ponding or flooding and potentially adverse effects on aquatic habitat. In addition, it is possible that suspended sediment could affect

⁵⁰ The determination would be made by evaluating the characteristics of the proposed waste discharge with the provisions of the existing waste discharge permit (Order No. 158170) held by the Presidio.

aquatic biota in receiving waters. However, required provisions within the existing Caltrans permit provide mitigation for sedimentation during construction.

Under existing conditions, the majority of runoff generated from the project site flows to the Bay (either directly or through Crissy Marsh) through storm water sewers or as overland flow, particularly during large storms. During construction, sediment could be transported by the runoff and discharged into the Bay, resulting in water quality degradation.

As noted in Section 3.6.1, the terms for coverage under the Caltrans permit require that a SWPPP be developed and implemented for the project during construction to reduce the potential for adverse effects of erosion and sedimentation. Typical contract specifications require that Caltrans, through their construction contractors, provide temporary site drainage controls and source and sediment controls to prevent and minimize soil erosion. Construction storm water pollution prevention measures (referred to as BMPs) are focused at specific areas within each construction area to prevent sewer system backup or flow damage to property. The SWPPP is required to identify any potential pollutant sources that may affect the quality of the runoff and identify, construct, and implement BMPs to reduce pollutants in storm water discharges from a construction site.

In general SWPPPs include the following types of measures to reduce pollutants in runoff water during construction:

- At a minimum, BMPs should include practices to minimize the contact of construction materials, equipment, and maintenance supplies (e.g., fuels, lubricants, paints, solvents, adhesives) with storm water. The SWPPP should specify properly designed storage areas that keep these materials protected from rain and run-on from adjacent drainage.
- An important component of the storm water quality protection effort is the knowledge of the site supervisors and workers. To educate on-site personnel and maintain awareness of the importance of storm water quality protection, site supervisors should conduct regular tailgate meetings to discuss pollution prevention. The frequency of the meetings and required personnel attendance list should be documented in the SWPPP.
- The SWPPP should specify a monitoring program to be implemented by the construction site supervisor, and must include both dry and wet weather inspections.
- BMPs designed to reduce erosion of exposed soil may include, but are not limited to: soil stabilization controls, watering for dust control, perimeter silt fences, placement of rice straw bales, and sediment basins. The potential for erosion is generally increased if grading and earth disturbance is performed during the rainy season as disturbed soil can be exposed to rainfall and storm runoff. If grading must be conducted during the rainy season, the primary BMPs selected should focus on erosion control, that is, keeping sediment on the site. End-of-pipe sediment control measures (e.g., basins and traps) should be used only as secondary measures. Soil stabilization (source control) should be the primary choice for controlling sediment deposition and erosion. As such, appropriate use of temporary soil stabilizers and covers should be applied and implemented in coordination with construction activities. Coordinated stabilization will minimize the amount of open disturbed areas at any one time and provide continuous stabilization throughout the winter season. If seeding is to be used, all seed mixes and placement methodologies must be approved by the Trust and/or NPS resources staff. Entry and egress from the construction site should be carefully controlled to minimize off-site tracking of sediment. Vehicle and equipment wash-down facilities should be designed to be accessible and functional during both dry and wet conditions.

The NPS and the Trust are responsible for managing numerous habitat resource issues within the Presidio and should be involved in the preparation and/or review of the SWPPP to ensure that the highest level of protection is provided for existing resources. No indirect effects associated with the control of runoff during construction of the build alternatives have been identified. No cumulative effects of construction phase runoff are expected if current regulations are enforced.

Mitigation Measure (No-Build)

None required.

Mitigation Measure (Replace and Widen, Presidio Parkway)

In a coordinated effort with Caltrans, the project proponent will submit the SWPPP for the construction activities to the Trust and NPS for review and comment. Otherwise, compliance with existing regulations and programs would adequately mitigate this potential impact.

4.3 PERMANENT OPERATIONAL EFFECTS

4.3.1 Potential Increase in Urban Runoff Pollutant Load

The operation of roadways results in the discharge of contaminants to the environment that can be transported by runoff away from the roadways and new and/or modified ramps. These pollutants could reach receiving waters and potentially increase the incremental pollutant load discharged to the Bay. Pollutants associated with roadways include metals and petroleum hydrocarbons contained in fuels and lubricants and pollutants associated with wear of tires and brake pads (e.g., particulate matter and metals).

Under the existing condition, the total amount of impervious area (the catchment area) of the project-related Doyle Drive is approximately 41,800 square meters (450,000 square feet).⁵¹ This area would not change under the No Build Alternative. Under the Replace and Widen Alternative, the area of the Doyle Drive catchment would increase to 66,000 square meters (710,000 square feet). Under the Parkway Alternative, the area would also increase, but only slightly relative to the No Build to 45,200 square meters (486,300 square feet). The Parkway Alternative would result in less of an impervious area increase because of the two tunnel segments, which would be covered with an adequate soil profile to provide infiltration of precipitation (areas over the tunnels would not be considered impervious).⁵² The Parkway Alternative would result in the reduction of total pollutant loading associated with the roadway (relative to the No Build and Replace and Widen alternatives) since approximately 45 percent of the roadway under the Parkway Alternative would be in tunnel segments and therefore not subject to stormwater runoff.⁵³

It should be noted that the project does not include additional traffic capacity, and therefore it would not be expected that the pollutant load would increase under any of the alternatives. The total area of the catchment is not the determining factor when considering the pollutant load. The vehicle traffic volume is the most important factor, and for this project the traffic volume will stay the same as the existing condition under each of the alternatives. Regardless, new or major Caltrans reconstruction roadway projects must consider treatment of storm water runoff, as specified under Regional Water Quality Control Board Order 99-06-DWQ. As a means of implementing Order 99-06-DWQ, Caltrans has prepared a Storm Water Management Plan (SWMP),⁵⁴ which is regularly revised and updated (at the time of this writing, the current SWMP is the May 2003 SWMP). The plan includes three main components:

- The Project Development Storm Water Management Program, which includes the Design Storm Water Management Program and the Construction Storm Water Management Program;
- The Maintenance Storm Water Management Program; and
- The Training and Public Education Program.

⁵¹ As measured between stations 7 and 27 (excluding offramps and onramps).

⁵² As stated in section F.3 of the Regional Board Order 99 – 06 – DWQ “At a minimum, a consideration of structural controls for water quality improvement shall be included in the design of any new construction or major reconstruction or repair projects.”

⁵³ This assumes that any residual water collected within the tunnel during storms or during washdown activities is contained and treated, as described in Mitigation Measure 4.3.1.

⁵⁴ Caltrans Statewide Storm Water Management Plan, May 2003.

Implementation of the SWMP requires that pollution prevention and control measures be incorporated into the project design. All projects must be evaluated for conformance to the provisions in the SWMP. For non-exempt projects, a consideration process is undertaken to determine the feasibility for incorporating minimum design elements with respect to water quality concerns, including: 1) minimizing impervious surfaces, 2) preventing downstream erosion, 3) stabilizing disturbed soil areas, and 4) maximizing vegetated surfaces. In addition, the Order (RWQCB Order 99-06-DWQ) requires that permanent control measures be considered for new major construction projects.

In general, the potential for impacts associated with urban pollutant loading is reduced as the portion of tunnelized roadway increases. Pollutants deposited on the roadway within a tunnel would not be subject to direct precipitation and entrainment in runoff (although some water will be carried into the tunnel on cars during storms). The volume of storm water that is collected in the tunnel sumps would be of much lesser volume than that of a similar sized aboveground roadway, but would be expected to contain relatively high concentrations of urban pollutants. The lesser volume of water allows greater flexibility and efficiency for potential treatment options, prior to discharge.

Each of the alternatives includes an elevated structure over the Tennessee Hollow corridor. At some time in the future, the Tennessee Hollow corridor may be completely restored and include open intertidal waters and/or riparian habitat in the vicinity of Doyle Drive. Direct discharge of roadway runoff to the Tennessee Hollow system should include consideration for the ultimate development of the site below the elevated structure. The discharge of roadway runoff to intertidal waters should consider runoff treatment prior to discharge to the maximum extent practicable. No indirect or cumulative effects associated with increased pollutant loading are expected if the following mitigation is implemented.

Mitigation Measure (No-Build)

None required.

Stormwater Treatment Alternatives (Replace and Widen, Presidio Parkway)

The setting of the project inside a national park requires special consideration be given to treatment of stormwater runoff. The following treatment alternatives are favored for implementation to eliminate or reduce pollutants in runoff from the proposed roadway. Measure 4.3.1 is the preferred alternative. This alternative is considered to provide maximum protection to resources within the National Park setting and may result in less land requirements needed for installing treatment controls.

4.3.1-a

Stormwater runoff from the proposed roadway, including washdown water and incidental runoff from within the tunnels (Presidio Parkway alternative only), shall be collected and discharged to the existing sanitary sewer system. This runoff would then be treated at the City and County of San Francisco wastewater treatment facility.

Alternatively, if 4.3.1-a is determined to be infeasible, the following alternative shall be implemented:

4.3.1-b

Runoff from the new roadway would be treated prior to discharge to surface waters, to the extent feasible, at or near the new structure. Caltrans shall coordinate with the Trust and NPS during the permanent treatment control (best management practices (BMP)) selection process. The selected build alternative will incorporate, to the maximum extent practicable (MEP), the treatment of roadway pollutants in runoff prior to discharge to any surface water systems. In accordance with the Caltrans Storm Water Management Plan (SWMP), Caltrans will design, construct, and maintain BMPs to treat stormwater runoff from the new roadway associated with this project. It is acknowledged that frequent small storms, which over the long-term carry the substantial quantity of total pollutant load, would be the focus of the treatment BMPs. Most

modern well-designed runoff treatment systems include bypass features that allow the safe passage of larger untreated storm flows.

Based on the physical constraints along the alignment, it will be challenging to identify feasible treatment controls that are effective in the removal of specific pollutants. Caltrans shall conform to the requirements of its SWMP to incorporate treatment controls and during the design phase will use Caltrans-approved BMPs to treat roadway runoff to the MEP. Caltrans-approved BMPs include 1) land-based biofiltration, detention and infiltration treatments that employ filtering medium in combination with vegetation to filter and treat stormwater and 2) “in-line” structural BMPs such as media filters and multi-chamber treatment trains that treat concentrated runoff. The structural BMPs typically require less area for installation and are more maintenance intensive. The complete list of Caltrans-approved BMPs, including a brief description of each BMP is included in Appendix D. If none of the approved BMPs appear feasible, the NPS and Presidio Trust will work cooperatively with Caltrans to develop other mitigation measures for stormwater treatment.

Washdown water (and any incidental stormwater runoff) collected from within the tunnels (Presidio Parkway alternative only) should be discharged to the sanitary sewer system. If discharge to the sanitary sewer system is infeasible, this water shall be collected and hauled off-site for treatment and disposal.

Caltrans shall collaborate with the NPS and Presidio Trust to develop feasible measures for implementation. If more than one type of Caltrans-approved BMP is determined to meet the MEP requirement, Caltrans shall select the preferred BMP in consultation with the NPS and Presidio Trust.

Relative to the existing condition, Doyle Drive stormwater runoff currently is discharged to existing drainage facilities without treatment, the build alternatives, with the inclusion of some form of treatment controls, are expected to provide a net benefit to stormwater runoff quality and the quality of receiving waters.

4.3.2 Potential Flooding of Roadway and/or Tunnel

The low-lying portions of the alignment, particularly in the area of the Main Post, could be subject to infrequent flooding events caused by tsunami wave run-up and/or extreme high tides. Expected inundation levels associated with these flooding events could be exacerbated over time with expected sea level rise because sea level rise incrementally increases the base level to which wave elevation would be added.

Any roadways or tunnels below 3.2 meters (10.5 feet) NAVD⁵⁵ could be inundated during the 100-year tsunami wave run-up event [by the year 2050, the inundation elevation is expected to rise incrementally to 3.35 meters (11 feet) NAVD]. Based on review of available topographic data,⁵⁶ it appears that the existing surface elevations in the vicinity of the Main Post are near or below an elevation of 3.35 meters (11 feet) NAVD. Therefore, if the roadway were to be constructed at grade without flood protection features, it is possible that the roadway could be inundated one or more times during the operational life of the project. Only the Presidio Parkway Alternative would place roadways at or near grade (the No-Build and Replace and Widen alternatives have elevated roadways through the low-lying Main Post area). No indirect or cumulative effects associated with flooding are expected. Given this potential for tidal-related flooding where water surges up into the storm drainage system, the ability to implement effective treatment controls within specific areas of the project may be less infeasible.

⁵⁵ Predicted wave run-up elevations vary from 2.5 meters (8.2 feet) in the western portion of the site to 2.4 meters (7.8 feet) in the eastern portion. The predicted elevation in the eastern portion of the site [2.4 meters (7.8 feet)] was selected for use in this analysis because the existing ground surface in the eastern portion of the alignment is low-lying and susceptible to flooding, whereas in the western portion of the alignment it is at elevations that are not susceptible to coastal flooding hazards.

⁵⁶ Parsons Brinckerhoff, 2001, topographic map of Doyle Drive corridor, contour interval 0.5 meter, written communication with Bruce Abelli-Amen of BASELINE, 19 March.

Mitigation Measure (No-Build, Replace and Widen)

None required.

Mitigation Measure (Presidio Parkway)

The Presidio Parkway Alternative shall include flood protection for the low portions of the roadway at:

- the eastern portal of the Main Post tunnel;
- the depressed roadway segment north of the Gorgas warehouses;
- the depressed segment of Girard Road.

The flood protection features shall consist of either landscaped berms or barrier structures with crests greater than 3.35 meters (11 feet) NAVD. Properly designed and constructed flood protection structures would reduce this potential impact to a less-than-significant level.

4.3.3 Potential Alteration to Hydrogeology in the Vicinity of Bluffs

The PTMP includes planning principles that would guide the Trust's management of Area B. The section on Geologic Resources under Principle 8 includes the following statement:

“The Presidio contains some fragile geologic and soil resources, including the Colma formation dunes, and the serpentine outcrops and bluffs at Inspiration Point and south of Crissy Field. The Presidio Trust would protect and monitor unique geologic and subsurface hydrologic resources and functions...”

It is certain that construction of a tunnel upgradient of the bluffs (as is proposed by the Presidio Parkway Alternative) would result in removal of a portion of the geologic materials that comprise a designated resource. Therefore, in accordance with the criteria established in the significance criteria section, the removal of these materials is considered a significant impact.⁵⁷ Since the removal of the subsurface materials is a required activity for tunnel construction, the impact is significant and unavoidable (for the Presidio Parkway Alternative only).

It is possible that the tunnel can be constructed so that disruption of groundwater flow around the tunnel is minimized. However, even minor alterations to the groundwater flow pattern to the bluffs could have indirect impacts on the biotic resources on the bluffs.

Surface and/or near surface water occurs at various locations on and at the base of the bluffs (north of the cemetery) year-round. It is possible that construction and operation of a tunnel upgradient of the bluffs could alter or disrupt groundwater flow to the bluffs, potentially impacting existing plants that rely on emergent groundwater. Year-round wet conditions at the bluffs must be supported by a continuous source of groundwater. It is likely that groundwater upgradient of the top of the bluffs is replenished by a combination of infiltration of rainfall during the rainy season and year-round infiltration of irrigation water at the cemetery and other Presidio facilities.⁵⁸ The dune sands that underlie most of the area in the vicinity of the cemetery would be expected to maintain a relatively high infiltration capacity, potentially allowing deep infiltration of a substantial amount of rainfall and irrigation water. The majority of the water that infiltrates beyond the root zone would be expected to migrate downward under gravity drainage and soil capillary forces to the groundwater table.

⁵⁷ The significance criteria referred to states that an adverse effect would occur if the project were to: “Substantially damage, disrupt, or remove designated unique geologic and/or subsurface hydrologic resources.”

⁵⁸ The main water supply line to the irrigation system of the National Cemetery is not metered (Fitzgerald, 2001). Based on published data on turf grass irrigation requirements in the vicinity and typical irrigation efficiency, it is estimated that irrigation may account for approximately 25 percent of groundwater recharge from surface infiltration within the boundaries of the cemetery (infiltration of precipitation would account for the other 75 percent).

Based on the boring log for geotechnical boring GB-5 installed in January 2001 (Figure 4), depth to first groundwater along the alignment at the top of the bluffs is below the dune sand, occurring at a depth of approximately 8 meters (26 feet) below the ground surface in the Colma Formation. Under existing conditions, groundwater flows from the Colma Formation to the sheared Franciscan bedrock that comprises the bluffs. The boring logs for GB-5 and GB-6 (Figure 4) indicate that Franciscan in this area is composed of intensely weathered fine-grained sandstone, siltstone, and metasedimentary rock. Groundwater flow in the Franciscan is expected to be dominated by flow in the fractures (the actual competent rocks have a relatively low permeability). The fracture pattern within the Franciscan unit has not been defined, but is expected to be extremely complex. Based on the proposed location and depth of the tunnel, portions of the tunnel may be constructed at or near the contact between the Franciscan and the Colma formations (Figure 5).

Groundwater conveyance to the fractures could be disrupted if the water table was substantially lowered and/or the fractures were somehow sealed. The area that would be disturbed by the tunnel would be considered a source area for groundwater flow to the bluffs [the bluffs are more than 90 meters (300 feet) from the proposed tunnel location]. Fractures receive groundwater input in the area of the proposed tunnel and deliver it to the bluffs.

Tunnel construction in this area would include placement of discrete high-permeability strip drains consisting of fabricated geocomposite cores within a filter fabric around the tunnel box. Groundwater would be intercepted on the upstream (south) side of the tunnel and flow through the strip drains to discharge at locations outside the northern sidewall of the tunnel. The strip drains would be placed against the exposed rock before the concrete box is poured and would follow the exposed trace of the planar water-bearing fractures and fissures. No lateral migration of water along the tunnel would be expected to occur because the strip drains would be the only high-permeability pathway; the tunnel box would be reconnected to the geologic formation with concrete and/or low permeability backfill. Any fractures that are receiving groundwater under existing conditions and delivering the water to the bluffs would be expected to continue to receive groundwater flow from the strip drains around the tunnel and/or the undisturbed formation below the tunnel (Figure 5). The strip drains would be expected to convey a similar quantity of groundwater to the bluffs that the existing fractured bedrock formation delivers. However, the flow and volume in specific fractures may be altered. It should be noted that construction of the tunnel may increase flow to the seeps on the bluffs by increasing deep infiltration in the location of the existing Doyle Drive roadway. Replacement of the existing surface segment of Doyle Drive with a tunnel could result in the removal of a substantial amount of impervious cover and an increase in infiltration, potentially raising the groundwater table locally. Raising the water table would steepen groundwater flow gradient and deliver more water to the bluffs.

It may be possible that an increase or decrease in flow within specific bedrock fractures could result in an indirect impact to biotic resources on the entire bluff face. Potential impacts and associated mitigation measures for potential impacts to the biotic resources on the bluff face are included in the Natural Environment Study (NES) for this project. No cumulative impacts associated with groundwater flow in the bluffs have been identified.

Mitigation Measure (No-Build, Replace and Widen)

None required (no tunnel segment through the bluff area).

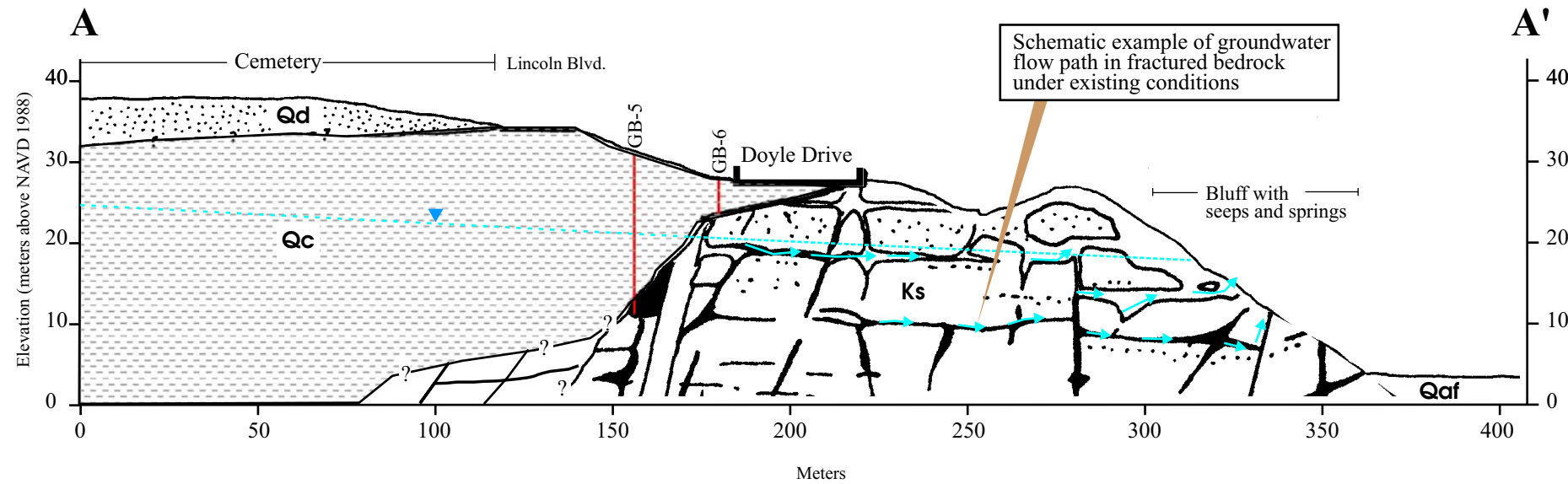
Mitigation Measure (Presidio Parkway Alternative)

No additional mitigation is available for the direct impact (the removal of a portion of a designated resource) and it remains significant, unavoidable, and adverse even after all project-proposed mitigation. The indirect impact (the potential change in groundwater flow in fractures resulting in adverse effects to the local plant communities) is a potential impact to biotic resources and is discussed in the NES.

GEOLOGIC CROSS-SECTION SHOWING GROUNDWATER FLOW CONDITIONS IN THE VICINITY OF THE BLUFFS

Figure 5

EXISTING:



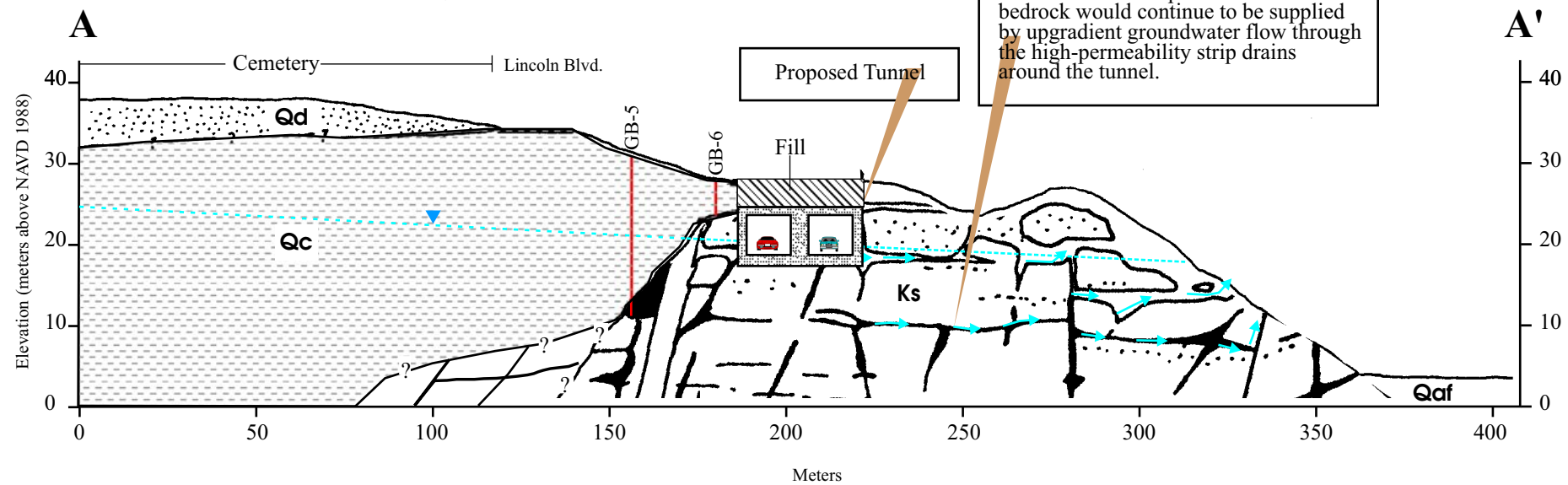
Legend

- GB-6 Geotechnical boring location
- Groundwater flow in bedrock fractures
- Groundwater potentiometric surface approximate, and could have substantial variability due to differential pressure in discrete fractures

Geologic Units:

- Qaf Artificial Fill
- Qd Dune Sand
- Qc Colma Formation
- Ks Sheared Rocks, undifferentiated (Franciscan Formation)

FUTURE: (for Alternative 5 only)



Refer to Figure 4 for geologic cross-section location.

**Doyle Drive
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4.3.4 Potential Alteration to Groundwater Hydrogeology in the Vicinity of Tennessee Hollow

The Doyle Drive alignment crosses the Tennessee Hollow watershed at the transitional boundary between the uplands to the south and the location of the pre-development deltaic/estuary system to the north. Several of the previously proposed alternatives for Doyle Drive (now withdrawn from consideration as part of the feasibility screening process) included a subsurface tunnel segment in the vicinity of Tennessee Hollow. It is possible that specific groundwater flow patterns exist in this area that are important to the existing Crissy Field wetland and/or would be beneficial to the restoration of the Tennessee Hollow drainage. The previously proposed subsurface tunnel in this area was considered a potentially problematic structure in a complex hydrogeologic environment.

Since the subsurface tunnel in the vicinity of Tennessee Hollow is not an element of any of the alternatives being carried forward, the hydrogeologic investigation and analysis conducted to evaluate potential impacts to surface and groundwater systems associated with this tunnel are not presented here. Background information and the results of those studies are included in BASELINE's July 2002 Hydrology and Water Resources Technical Report, Doyle Drive Environmental Design Study.

The alternatives being carried forward would not be expected to cause any substantial permanent disruption to the groundwater system in the vicinity of Tennessee Hollow since the roadway in this area would be essentially unchanged from a hydrogeologic perspective (i.e., similar to existing conditions for the No-Build and Replace and Widen alternatives or a low causeway for the Presidio Parkway Alternative). No indirect or cumulative effects are expected.

Mitigation Measure (No-Build, Replace and Widen, Presidio Parkway)

None required.

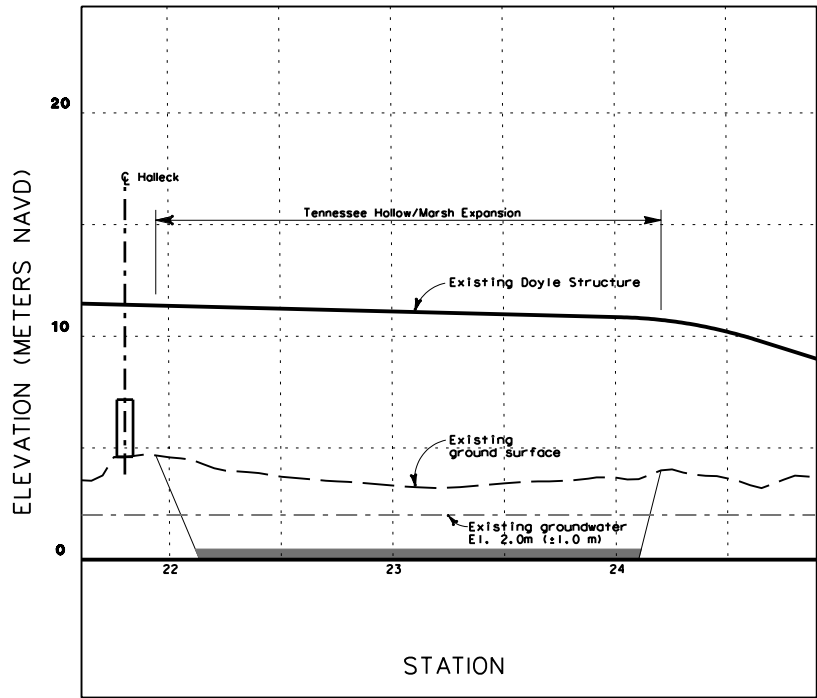
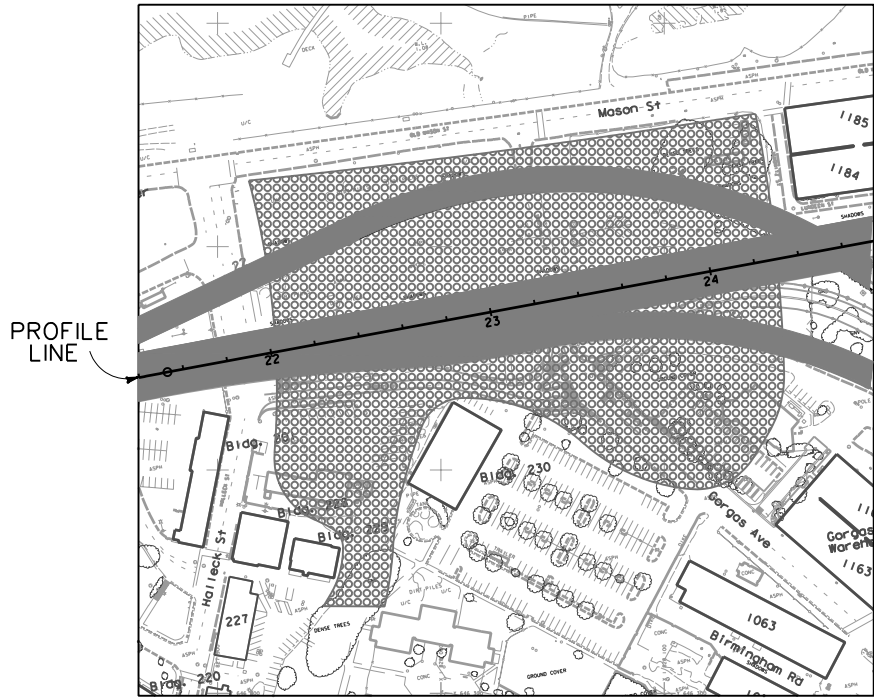
4.3.5 Constraints for Future Tennessee Hollow Crossing Restoration

Among the most challenging issues that the selected alternative must address is the crossing over Tennessee Hollow or an expanded Crissy Marsh. The NPS and the Trust support substantial restoration of Tennessee Hollow from a largely culverted drainage to an open creek channel with an associated riparian corridor and salt water marsh capable of supporting habitat occupation and movement. The NPS and Presidio Trust are also pursuing expansion of Crissy Marsh to enhance hydrologic and ecologic function.

The current alternatives all include an elevated structure in the vicinity of Tennessee Hollow. Therefore, the only remaining constraints to the hydrologic restoration of Tennessee Hollow and/or Crissy Marsh are associated with physical constraints of the elevated structures (i.e., the elevation of the bottom of the roadbed, the foundation abutments, and the eastern and western returns to grade).

The No-Build and Replace and Widen alternatives include essentially no constraints associated with the bottom of the roadbed (at an elevation greater than 10 meters [31 feet] NAVD) or return to grade structures at the east or west (to both the east and west the roadway returns to surface grade well away from the Tennessee Hollow corridor) (Figures 6a, 6b). The bottom of the causeway with the Presidio Parkway Alternative is lower in the vicinity of Tennessee Hollow, ranging from about two to six meters (6.3 to 18.8 feet) NAVD.

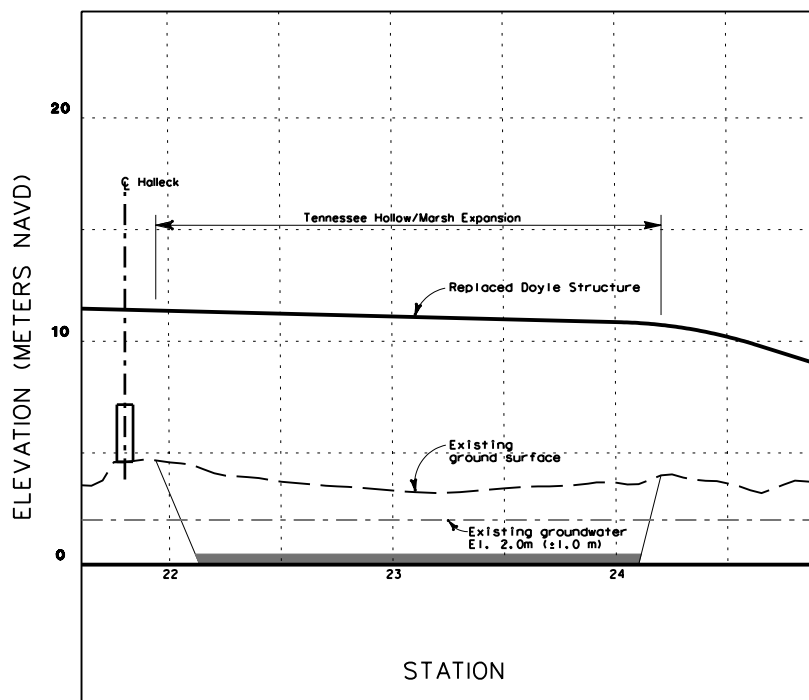
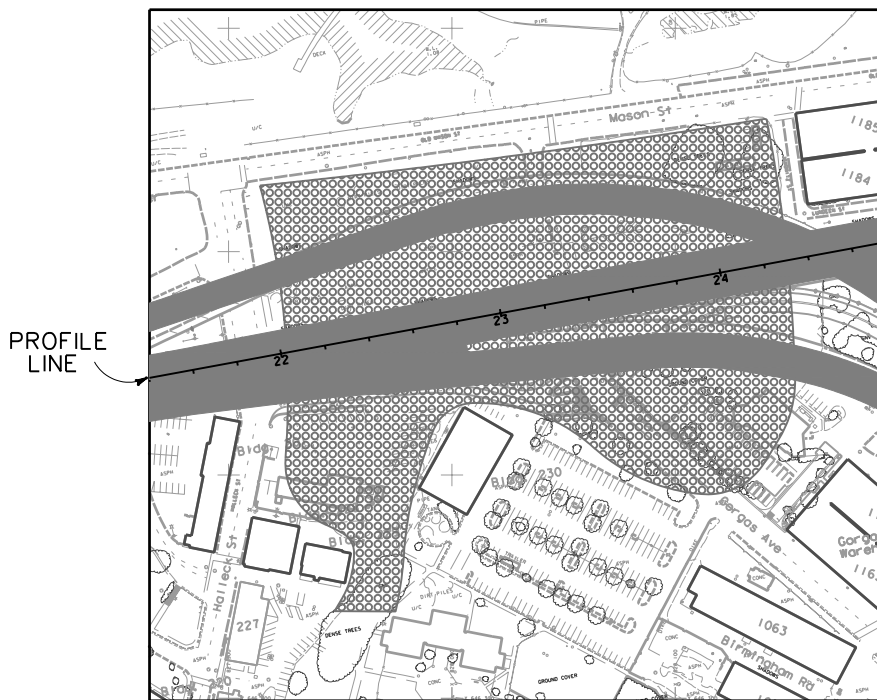
The existing grade in the vicinity of Tennessee Hollow is at about 3.0 meters NAVD. However, the restored Tennessee Hollow creek bottom or Crissy Marsh is expected to be at an elevation of approximately zero meter (zero foot) NAVD. Approximately 80 meters (250 feet) of the bottom of the Tennessee Hollow Causeway is above the existing ground surface elevation and therefore could be considered as a location for the Tennessee Hollow crossing of the roadway alignment (Figure 6c). The lateral distance should be considered a minimum available width for the Tennessee Hollow crossing since any lowering of surface



VERTICAL EXAGGERATION = 10x

Constraints East: Mason St. & Gorgas Ave Warehouses; West: Halleck St. Existing Piers for viaduct will be incorporated in project.

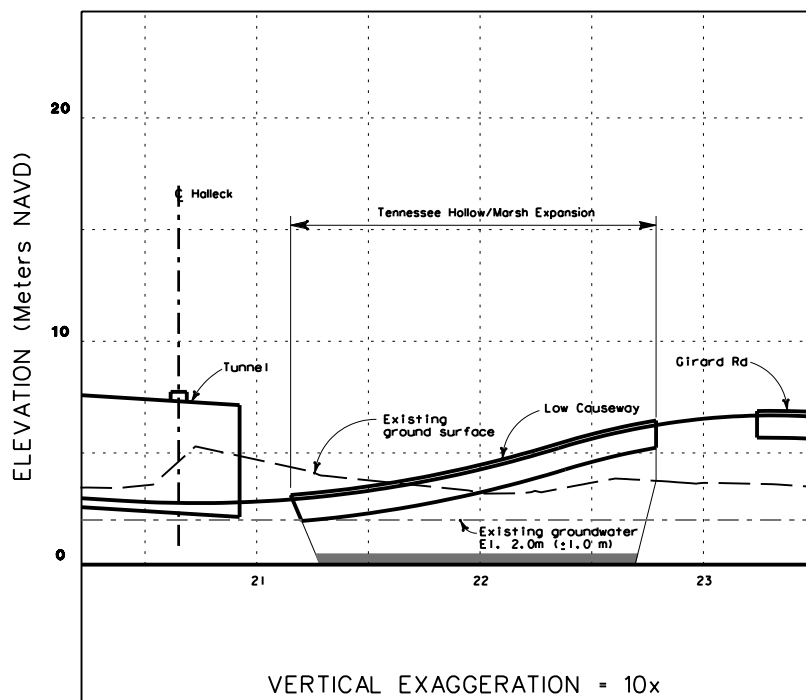
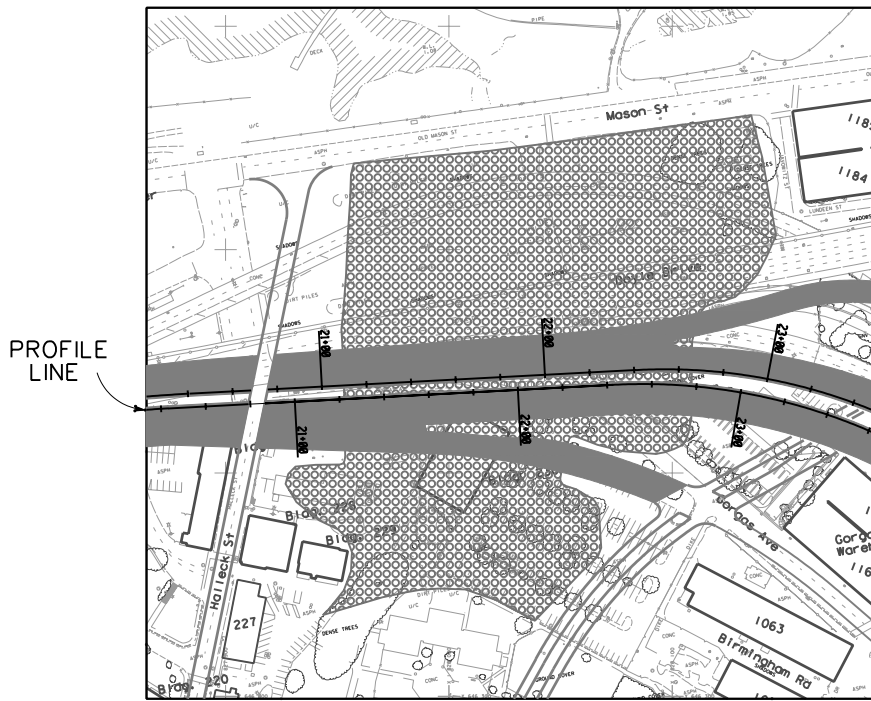
Source of groundwater elevation data: Ullensvang, 2001; Kamman Hydrology and Engineering, 2003, boring log for HGB-3 in Appendix C of this report.



VERTICAL EXAGGERATION = 10x

Constraints East: Mason St. & Gorgas Ave. Warehouses; West: Halleck St.
 New Piers for viaduct will be incorporated in project.

Source of groundwater elevation data: Ullensvang 2001; Kamman Hydrology and Engineering, 2003, boring log for HGB-3 in Appendix C of this report.



Note: All required flood protection features would be outside the shown expansion opportunity area.

Constraints East: Depressed segment of Girard Rd.

West: Reconstructed Halleck St. (in a modified location).

Source of groundwater elevation data: Ullensvang, 2001; Kamman Hydrology and Engineering, 2003, boring log for HGB-3 in Appendix C of this report.

grade associated with the creek restoration would widen the lateral width. The lateral constraints to an expanded Crissy Marsh are shown on Figures 6a-6c.

From a hydraulic and hydrologic perspective, the flows of Tennessee Hollow could be adequately accommodated in a channel under the low causeway. Similarly, an expanded Crissy Marsh could be accommodated under a low causeway. However, it is acknowledged that the low causeway would result in potential impacts to biological resources associated with shading (potential shading impacts are evaluated in the NES).

The No-Build Alternative would continue to be supported by the existing foundation abutments that are located approximately every ten meters (31 feet) along the alignment. The lateral spacing of abutments under the Replace and Widen and Presidio Parkway alternatives would increase to about 32 meters (100 feet). Therefore, under the build alternatives, constraints, if any, associated with abutments would be reduced.

No indirect or cumulative effects associated with hydrology and the restoration of Tennessee Hollow and/or Crissy Marsh have been identified.

Mitigation Measure (No-Build, Replace and Widen)

None required. The location of the existing structure does not pose any hydrologic constraint to the restoration of Tennessee Hollow or Crissy Marsh.

Mitigation Measure (Presidio Parkway)

None available. The depressed segment of Girard Road presents a lateral constraint to the east for an expanded Crissy Marsh. The reconstructed Halleck Street is an existing constraint to the west and therefore the project would not result in a new constraint relative to the existing condition.

4.3.6 Alteration of Surface and Near-Surface Hydrology at the Main Post Tunnel

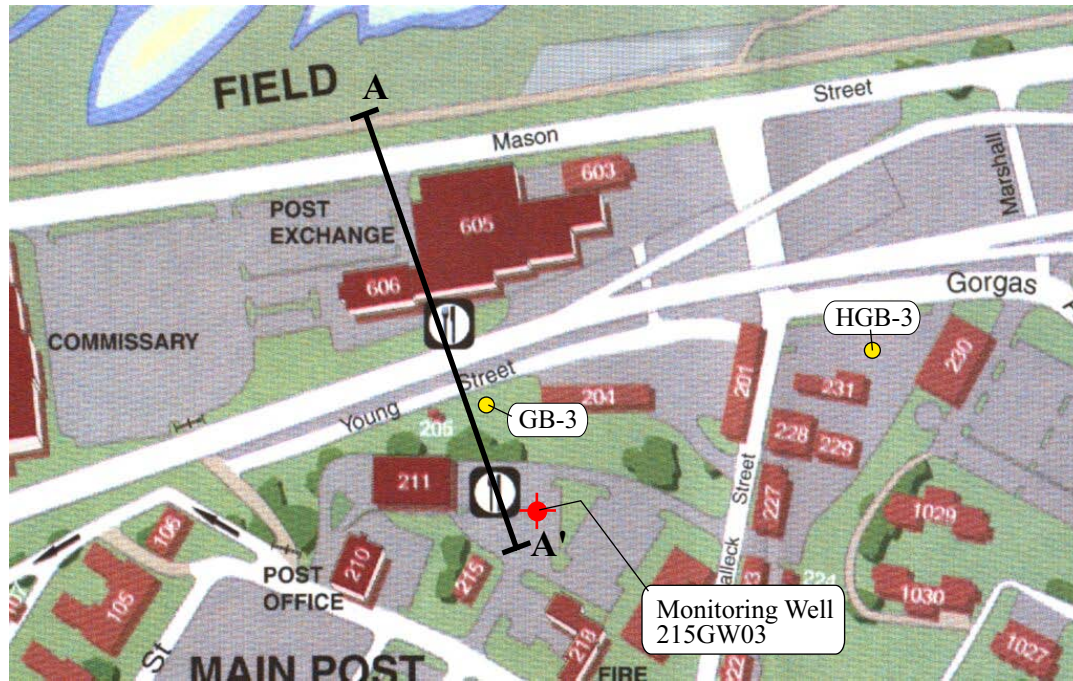
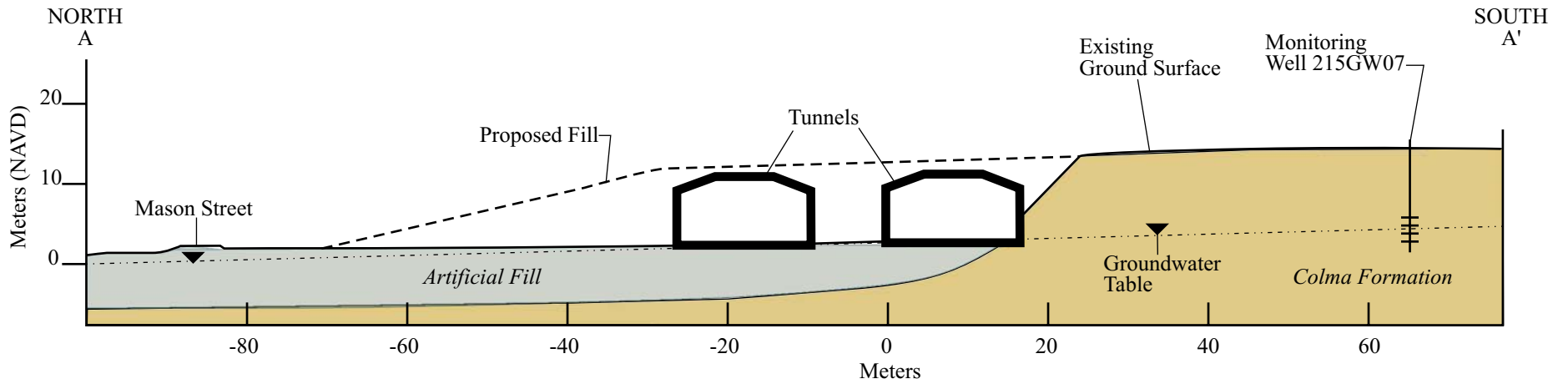
The Main Post Tunnel (which consists of two adjacent tunnels at similar elevations, one for each direction of traffic) would approximately follow the alignment of the existing Doyle Drive. The elevation of the roadway in the tunnel (ranging from about 2 to 4 meters [6.6 to 13 feet] NAVD) would be substantially lower than the elevation of the existing Doyle Drive road surface (11 to 12 meters [36 to 39 feet]). The base of the tunnel box would be placed about one meter below the existing ground surface, with the top of the tunnels ranging from about 10 to 12 meters (33 to 39 feet) NAVD (Figure 7).

Fill would be placed between the existing bluff face and the south wall of the Main Post tunnel, essentially extending the plateau that supports Building 211 to the north. Up to two meters of fill would be placed on the top of the tunnel. Fill would also be placed on the north side of the tunnel, creating a slope from the top of the box down to existing grade along Mason Street (in the approximate location of the Commissary building) (Figure 7).

The concern has been raised that, if groundwater migrates into the fill (which under current conditions is open air) and backs up against the lower portion of the south tunnel wall, excessively moist conditions could occur on the south side. If this were to occur, excessive moisture could occur at the surface, potentially causing problems with drainage and vegetation management. In addition, it is possible that the fill on top of the tunnel box and on the downgradient (north) side of the tunnel box could become excessively dry due to lack of upgradient recharge and distance from a groundwater source.

MAIN POST TUNNEL SCHEMATIC CROSS SECTION

Figure 7



**Doyle Drive
San Francisco, California**

BASELINE

Based on the measured groundwater levels in monitoring wells near Building 211 and 215,⁵⁹ it appears that the elevation of the water table in this vicinity is approximately 4.5 meters (15 feet) NAVD. Groundwater levels would be expected to be lower toward the bluff (in the downgradient direction), probably about 4.0 meters (13 feet) NAVD.⁶⁰ The elevation of the existing ground surface at the bottom of the bluff is about 4.0 meters (13 feet) NAVD. This indicates that, under normal conditions, seeps on the bluff face would not be expected. Therefore, no substantial contact between groundwater and the new fill between the bluff and the south side of the tunnel box is likely to occur, and rising groundwater levels in the fill upgradient of the tunnel would not occur. It is possible that, during stormy wet periods, regionally elevated groundwater levels could cause the water table in the vicinity of the tunnel to rise and come into contact with the tunnel. However, the tunnel box would be constructed with a permeable gravel envelope and/or strip drains around the box and water would be easily transmitted to the downgradient side under the tunnel. The passage of groundwater under the tunnel through permanent drainage features would minimize the potential for rising groundwater on the north side of the tunnel to occur.

Fill soils on top of the tunnel box would not be directly underlain by a groundwater table, and therefore would be expected to be seasonally dry. If this area is being considered for revegetation, this moisture condition may pose a vegetation management challenge that may require special plant selection and/or irrigation. This potential challenge is further discussed in the NES.

The fill prism north of the tunnel would likely develop a similar soil moisture profile as has developed in the existing Colma formation bluff materials (composed of weakly consolidated fine- to medium-grained sands with intermittent clay layers) in the vicinity of buildings 211 and 215. The maximum depth to groundwater in the new sloping fill prism on the north side of the tunnel would be about the same or less than the existing conditions on the top of the bluff. Therefore, no new adverse soil moisture conditions, relative to existing conditions in the vicinity, are likely to occur on the north side of the tunnel.

It has been reported that there are freshwater seeps along the south shore of Crissy Marsh and that there is some concern that the Main Post tunnel might affect the flow of these seeps.⁶¹ Based on the local hydrogeology and the proposed location/depth of the tunnel, it does not appear likely that the tunnel would affect the seeps. Geologic logs of borings installed in the surface of the low terrace near Building 204 (GB-3 and HGB-3) indicate that the upper six meters (20 feet) is composed of a heterogeneous mixture of soft to slightly compact clay, silt, sand, and gravel. If the freshwater flow to the seeps originates in the upper water-bearing zone, groundwater would continue to flow unobstructed under the tunnel box and continue to feed the seeps.

It is possible that the water feeding the seeps originates in a deeper confined water-bearing zone. However, the boring logs for GB-3 and HGB-3 show no indication of a hydrologically confining layer in the upper zone. The first unit that could act as a confining layer is a dense silty fine sand at a depth of about six meters (20 feet). None of the foundation types being considered to support the essentially at-grade base of the proposed tunnel structure would exceed a depth of six meters (20 feet) and therefore would not be expected to disrupt any confining layers that may feed the seeps.

In summary, no significant hydrologic impacts associated with the transport of surface water or groundwater around the proposed Main Post tunnel are expected. It is possible that challenges associated with revegetation of the top of the tunnel could be encountered. This potential issue is further discussed in the NES.

⁵⁹ Water levels for wells 215GW02 and 215GW03 as summarized by Kamman Hydrology & Engineering, 2003.

⁶⁰ Regional gradients as measured in the Presidio Trust Building 231/207 contaminant investigations are about 0.013 (Ullensvang, 2001). Since the bluff is about 40 meters (130 feet) from the monitoring wells, under regional gradients, the groundwater elevation at the bluff would be expected to be about 4.0 meters (13 feet) NAVD.

⁶¹ Ward, Kristen, 2004, National Park Service, written communication with Bruce Abelli-Amen of BASELINE Environmental Consulting, 27 August.

Mitigation Measure (No-Build, Replace and Widen, Presidio Parkway)

None required.

SECTION 5: REFERENCES

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APPENDIX A

Data for Conversion of Datums at the Presidio

(NGVD 1929 to NAVD 1988)

and Location Map for Benchmarks Used

PB\Doyle Drive 99-08-052

NAVD 88 Elevation Ties to NGVD 29 Bench Marks

BM Name	NAVD88 (m)	NGVD29 (ft)	NGVD29 (m)	(NAVD88-NGVD29)	
				Datum Diff. (m)	Datum Diff (ft)
Tidal 175	4.1776	11.539	3.5171	0.6605	2.1670
Tidal 174	5.0277	13.829	4.2151	0.8126	2.6660
Clark	4.2490	11.224	3.4211	0.8279	2.7163
Clark RM 2	4.2362	11.181	3.4080	0.8282	2.7173
Tidal 181	4.0032	10.440	3.1821	0.8211	2.6938
Tidal 180	3.9876	10.397	3.1690	0.8186	2.6857
Tidal 176	4.8326	13.136	4.0039	0.8287	2.7190
N 813	3.3781	8.363	2.5490	0.8291	2.7200
54 (U.S.E.D.)	3.3734	8.481	2.5850	0.7884	2.5866

Post-it* Fax Note 7871

Date	3/20	# of pages	1
From	ED		
To	BRUCE		
Co./Dept	BASELINE	Co.	CHAUDHARY
Phone #		Phone #	255-2729
Fax #	702-5271	Fax #	

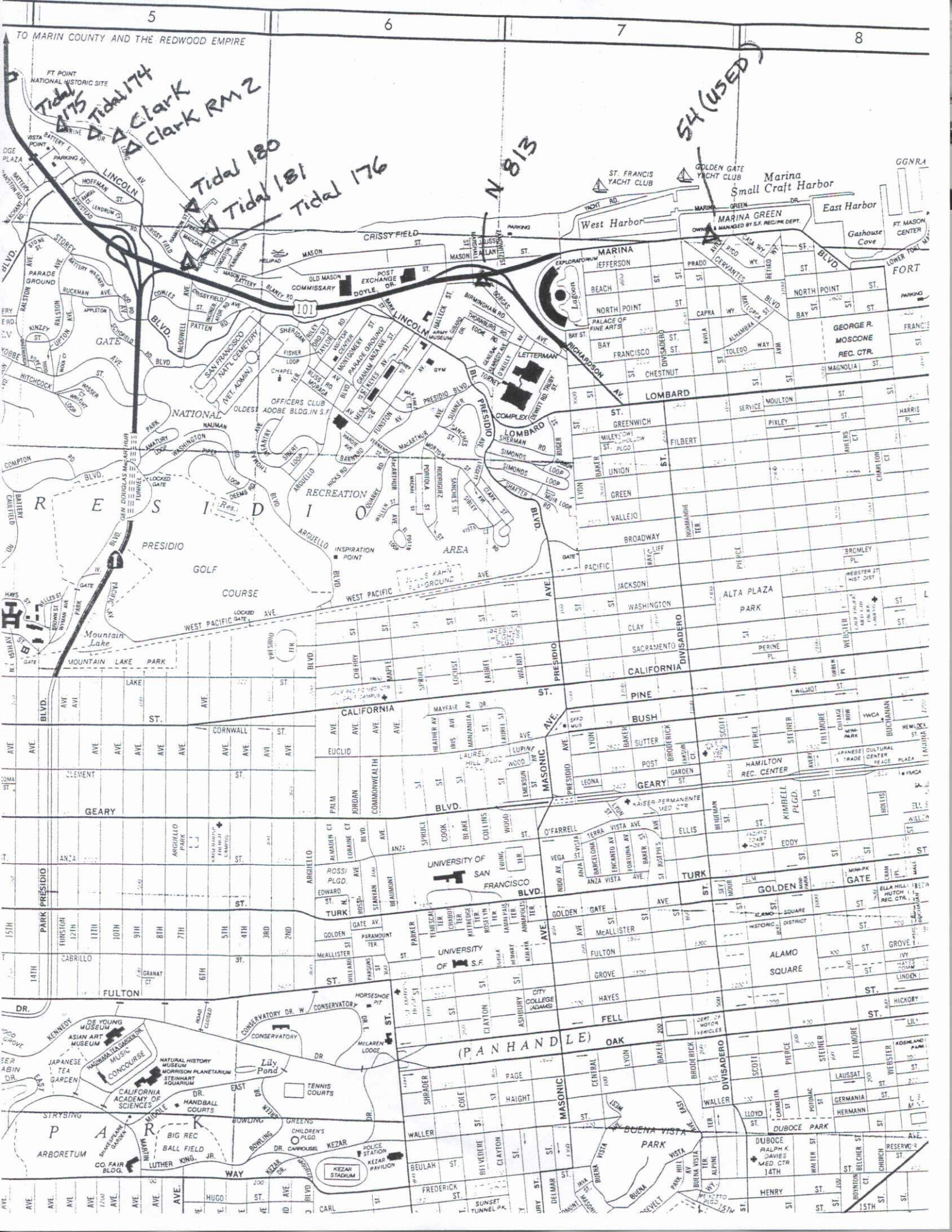
Note: This table was prepared by Chaudhary and Associates (the surveyor for the Doyle Drive Reconstruction project) by running level lines between published NGVD and NAVD benchmarks.

TO MARIN COUNTY AND THE REDWOOD EMPIRE

Tidal 174
 Tidal 175
 Clark RM2
 Tidal 180
 Tidal 181
 Tidal 176

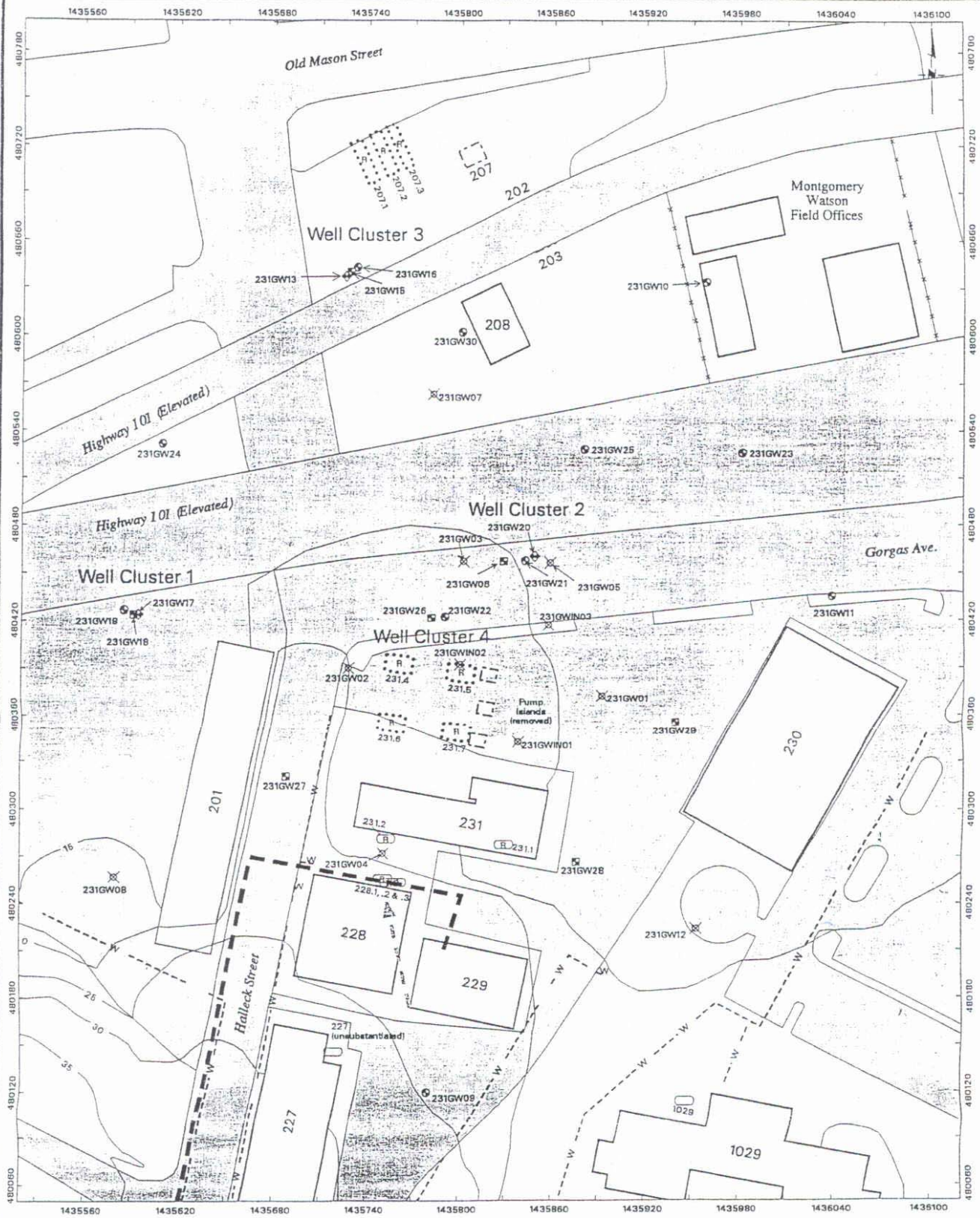
54 (USED)

N 813



APPENDIX B

Location of Monitoring Well 231GW15



Legend:

- Roadway
- Building and Number
- Fuel Distribution System (Unverified)
- Selected Water Line
- Removed Structure (except tanks)
- Fence
- Topographic Contour (Contour Interval: 5 ft.)
- Underground Storage Tank (R = removed)

- Underground Storage Tank (R = removed) (Size and orientation not representative)
 - Shallow Monitoring Well
 - Intermediate Monitoring Well
 - Deep Monitoring Well
 - Abandoned Monitoring Well (current status)
 - Approximate Groundwater Flow Direction(s)
- Notes: Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet.

Vertical Datum: Presidio Lower Low Water (LLW)



MONTGOMERY WATSON
 PRESIDIO OF SAN FRANCISCO CALIFORNIA

**BUILDING 231 AREA
 SITE MAP**

FIGURE 1

APPENDIX C

Geotechnical Boring Logs



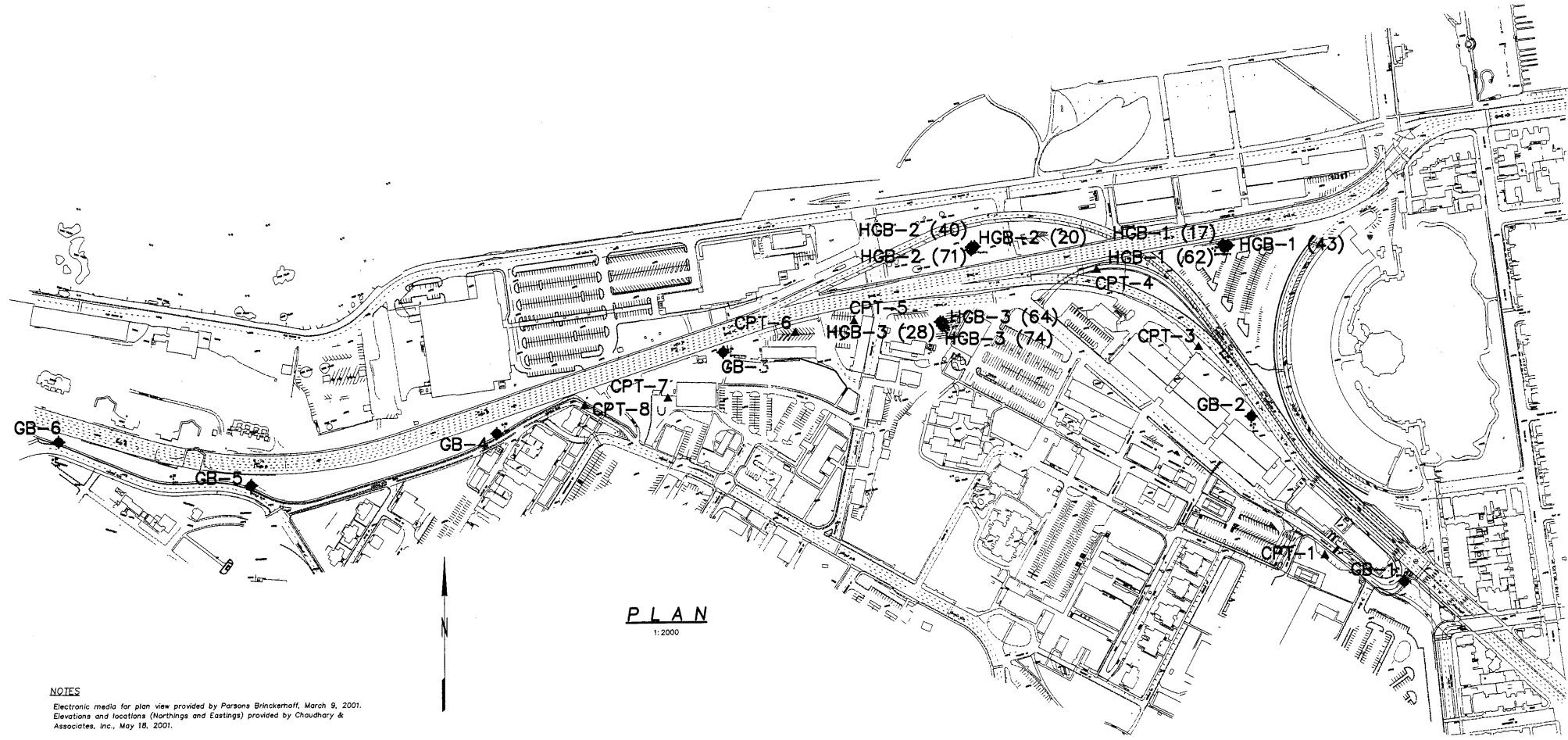
DIST.	COUNTY	ROUTE	KP	TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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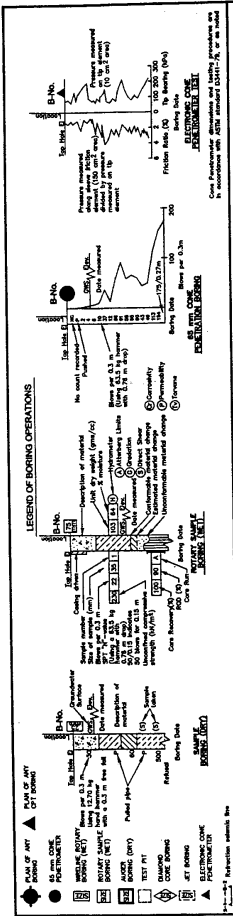
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PLAN
1:2000

NOTES
Electronic media for plan view provided by Parsons Brinckerhoff, March 9, 2001.
Elevations and locations (Northings and Eastings) provided by Chaudhary & Associates, Inc., May 18, 2001.

DESIGN OVERSIGHT	DRAWN BY M. D. Robertson	FIELD INVESTIGATOR	METRIC "ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC (m)"	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	DOYLE DRIVE RECONSTRUCTION PROJECT	
SIGN OFF DATE	CHECKED BY K. R. Dahl & M. W. Heublein	DATE	ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS	0 20 40 60 80	CU EA	KP	LOG OF TEST BORINGS No. 1
TOBER CONSULTANTS Job No. 202/300/133 File id: 202300133q.dwg date: 05/24/01						REVISION DATES (PRELIMINARY STAGE ONLY)	



LEGEND OF EARTH MATERIALS

GRAVEL	CLAYEY SILT
SAND	SILT
CLAY	CLAYEY SAND
...	...

CONSISTENCY CLASSIFICATION

Flowable	Very soft
...	...

WEATHERING DESCRIPTORS Modified from United States Bureau of Reclamation, Engineering Geology Field manual

Descriptors	Diagnostic features		Texture and solutioning		General characteristic (strength, excavation, etc.)
	Chemical weathering—Discoloration and/or oxidation	Mechanical weathering—Fracture surfaces†	Chemical weathering—Grain boundary conditions (disaggregation) primarily for granitics and some coarse-grained sediments	Texture and Solutioning	
Fresh	No discoloration, not oxidized	No discoloration or oxidation	No separation, intact (tight)	No change	Hammer rings when crystalline rocks are struck. Almost always rock excavation except for naturally weak or weakly cemented rocks such as siltstones or shales.
Slightly weathered to fresh*	Discoloration or oxidation is limited to surface or, at short distance from, fractures; some feldspar crystals are dull	Minor to complete discoloration or oxidation of most surfaces	No visible separation, intact (tight)	Preserved	Hammer rings when crystalline rocks are struck. Body of rock not weakened. With few exceptions, such as siltstones or shales, classified as rock excavation.
Moderately to slightly weathered*	Discoloration or oxidation extends from fractures usually throughout; Fe-Mg minerals are "rusty"; feldspar crystals are "cloudy".	All fracture surfaces are discolored or oxidized	Partial separation of boundaries visible	Generally preserved	Hammer does not ring when rock is struck. Body of rock is slightly weakened. Depending on fracturing, usually is rock excavation except in naturally weak rocks such as siltstones or shales.
Intensely to moderately weathered*	Discoloration or oxidation throughout; all feldspars and Fe-Mg minerals are altered to clay to some extent; or chemical alteration produces in situ disaggregation, see grain boundary conditions.	All fracture surfaces are discolored or oxidized; surfaces friable	Partial separation, rock is friable; in some conditions granitics are disaggregated	Texture altered by chemical disaggregation (hydration, argillification)	Dull sound when struck with hammer, usually can be broken with moderate to heavy manual pressure or by light hammer blow without reference to planes of weakness such as inclusions or bedding fractures, or veinlets. Rock is significantly weakened. Usually common excavation.
Very intensely weathered*	Discolored or oxidized throughout; resistant minerals such as quartz may be unaltered; all feldspars and Fe-Mg minerals are completely altered to clay.	Complete separation of grain boundaries (disaggregated)	Resembles a soil, partial or complete remnant rock structure may be preserved; leaching of soluble minerals usually complete	Leaching of soluble minerals may be complete	Can be granulated by hand. Always common excavation. Resistant minerals such as quartz may be present as "stringers" or "dikes".
Decomposed					

NOTE: This chart and its horizontal categories are more readily applied to rocks with feldspars and mafic minerals. Weathering in various sedimentary rocks, particularly limestones and poorly indurated sediments, will not always fit the categories established. This chart and weathering categories may have to be modified for particular site conditions or alterations such as hydrothermal effects; however, the basic framework and similar descriptors are to be used.

*Combinations of weathering descriptors are permissible where equal distribution of both weathering characteristics are present over significant intervals or where characteristics present are "in between" the diagnostic features. However, dual descriptors should not be used where significant, identifiable zones can be delineated. When given as a range, only two adjacent terms may be combined (i.e., decomposed to slightly weathered or moderately weathered to fresh) are not acceptable.

†Does not include directional weathering along shears or faults and their associated features. For example, a shear zone that carried weathering to great depths into a fresh rock mass would not require the rock mass to be classified as weathered.

‡These are generalizations and should not be used as diagnostic features for weathering or excavation classification. These characteristics vary to a large extent based on naturally weak materials or cementation and type of excavation.

FRACTURE DENSITY Modified from United States Bureau of Reclamation, Engineering Geology Field manual.

FRACTURE DENSITY—Based on the spacing of all natural fractures in an exposure or core recovery lengths in boreholes; includes mechanical breaks, slickens, and shear zones; however, shear-distributed zones (fracturing outside the shear) are included. Descriptors for fracture density apply to all rock exposures such as tunnel walls, dater trenches, outcrops, or foundation cut slopes and inverts, as well as boreholes. Descriptive criteria presented below are based on borehole cores where lengths are measured along the core axis, for other exposures the criteria is distance measured between fractures (size of blocks).

UNFRACTURED (FD0): No fractures.

VERY SLIGHTLY FRACTURED (FD1): Core recovered mostly in lengths greater than 1 m.

SLIGHTLY TO VERY SLIGHTLY FRACTURED (FD2)

SLIGHTLY FRACTURED (FD3): Core recovered mostly in lengths from 300 to 1000 mm, with few scattered lengths less than 300 mm or greater than 1000 mm.

MODERATELY TO SLIGHTLY FRACTURED (FD4)

MODERATELY FRACTURED (FD5): Core recovered mostly in 100 to 300 mm lengths with most lengths about 200 mm.

INTENSELY TO MODERATELY FRACTURED (FD6)

INTENSELY FRACTURED (FD7): Lengths average from 30 to 100 mm with scattered fragmented intervals. Core recovered mostly in lengths less than 100 mm.

VERY INTENSELY TO INTENSELY FRACTURED (FD8)

VERY INTENSELY FRACTURED (FD9): Core recovered mostly as chips and fragments with a few scattered short core lengths.

* Combinations of fracture densities (e.g., very intensely to intensely fractured or moderately to slightly fractured) are used where equal distribution of both fracture density characteristics are present over a significant interval or exposure, or where characteristics are "in between" the descriptor definitions.

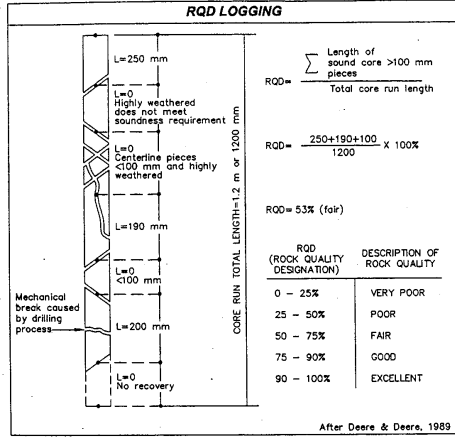
ROCK HARDNESS/STRENGTH DESCRIPTORS

Alphanumeric Descriptor	Descriptor	Criteria
H1	Extremely hard	Core, fragment, or exposure cannot be scratched with knife or sharp pick; can only be chipped with repeated heavy hammer blows.
H2	Very hard	Can be scratched with knife or sharp pick. Core or fragment breaks with repeated heavy hammer blows.
H3	Hard	Can be scratched with knife or sharp pick with difficulty (heavy pressure). Heavy hammer blow required to break specimen.
H4	Moderately hard	Can be scratched with knife or sharp pick with light or moderate pressure. Core or fragment breaks with moderate hammer blow.
H5	Moderately soft	Can be grooved 1/16 inch (2 mm) deep by knife or sharp pick with moderate or heavy pressure. Core or fragment breaks with light hammer blow or heavy manual pressure.
H6	Soft	Can be grooved or gouged easily by knife or sharp pick with light pressure. Can be scratched with fingernail. Breaks with light to moderate manual pressure.
H7	Very soft	Can be readily indented, grooved or gouged with fingernail, or carved with a knife. Breaks with light manual pressure.

Any bedrock unit softer than H7, very soft, is to be described using ASTM D-2488 consistency descriptors.

NOTE: Although "sharp pick" is included in these definitions, descriptions of ability to be scratched, grooved or gouged by a knife is the preferred criteria.

Modified from United States Bureau of Reclamation, Engineering Geology Field manual.



Caltrans
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NOTES

- Standard Penetration Tests (SPT) were performed in accordance with ASTM D 1586-84 using a safety hammer operated with cut-head, rope and pulley. Drill rods were 1.61 inch diameter "A"-rods; sampler was driven without brass liners.
- Rock classification according to Caltrans "Soil & Rock Logging Classification Manual (Field Guide)", August 1996.
- Rock Quality Designation (RQD), Weathering, Rock Hardness/Strength, Bedding, and Fracture Density, as shown on this sheet, were used to describe all rock cores from borings. Descriptors were determined in the field.
- REC = Percent Core Recovery.
- RQD = Percent Rock Quality Designation.
- Electronic media for plan view provided by Parsons Brinckerhoff, March 9, 2001.

Source: U.S. Department of Interior, Bureau of Reclamation "Engineering Geology Field Manual".

DESIGN OVERSIGHT	DRAWN BY M. D. Robertson	T. A. Krause & M. W. Heublein FIELD INVESTIGATOR	METRIC "ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC (m)"	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER
SIGN OFF DATE	CHECKED BY K. R. Dahl & M. W. Heublein	DATE January 2001	ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS	CU EA	DISREGARD PRINTS BEARING EARLIER REVISION DATES

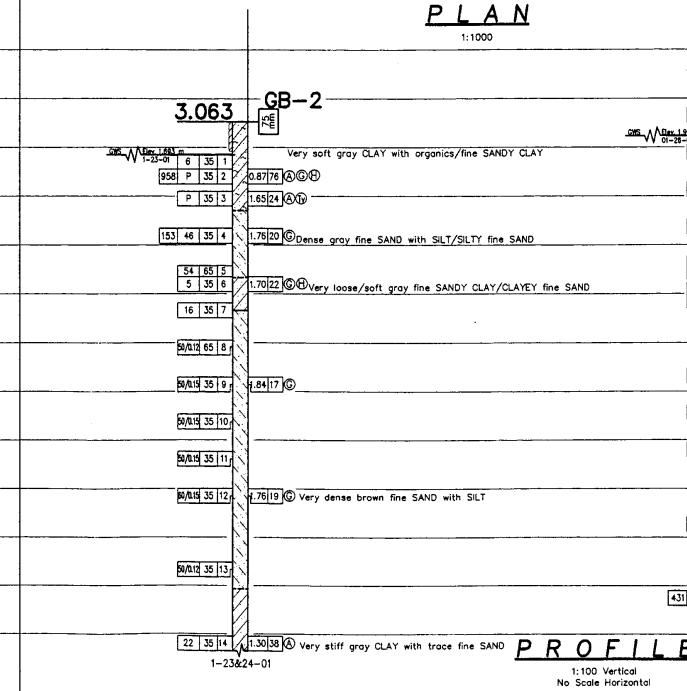
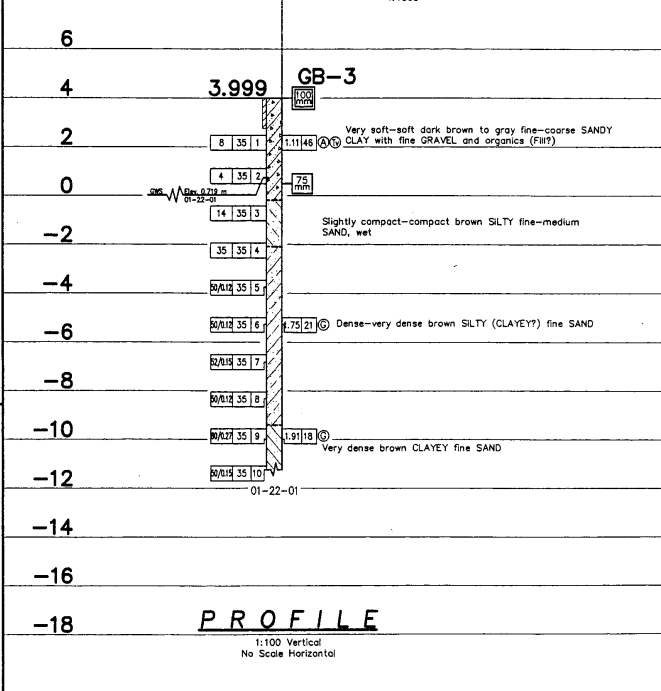
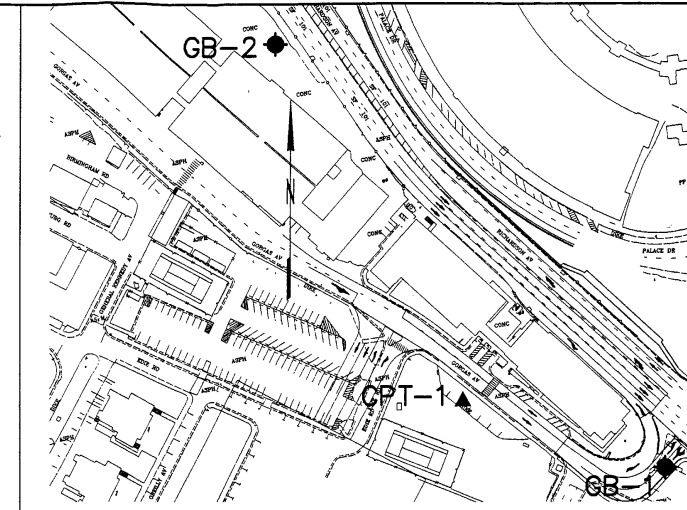
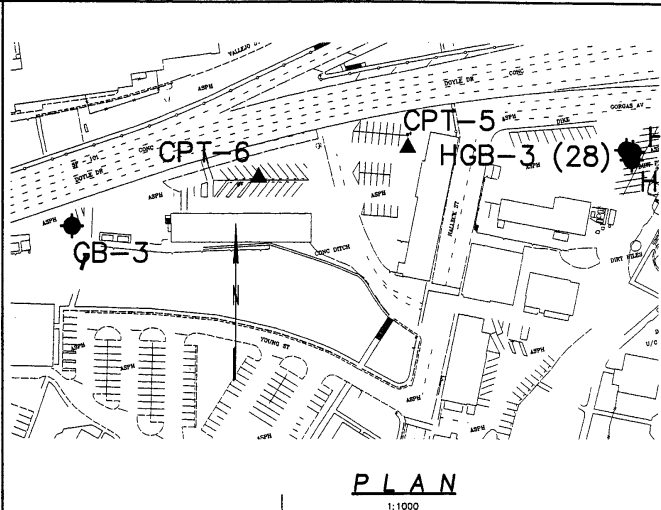
REVISION DATES (PRELIMINARY STAGE ONLY) SHEET 2

LEGEND OF BORING OPERATIONS

LEGEND OF EARTH MATERIALS

CONSISTENCY CLASSIFICATION

NOTES: Visual classification of earth materials based on field inspection is confirmed or revised with laboratory test results as necessary.



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NOTES

Field classification of soils was in accordance with ASTM D 2486-93 "Description and Identification of Soils (Visual-Manual Procedure)".

Standard Penetration tests were performed in accordance with ASTM D 1586-84 using a safety hammer operated with cat-head, rope and pulley. Drill rods were 41 mm diameter "A"-rods; sampler was driven with brass liners.

"65 mm sampler", ID=65 mm, OD=74 mm. Driven in same manner as SPT ("35 mm") sampler.

Rock Classification according to U.S. Department of Interior, Bureau of Reclamation "Engineering Geology Field Manual" (see Log of Test Borings No. 2).

Electronic media for plan view provided by Parsons Brinckerhoff, March 9, 2001. Elevations and locations (Northings and Eastings) provided by Chaudhary & Associates, Inc., May 18, 2001.

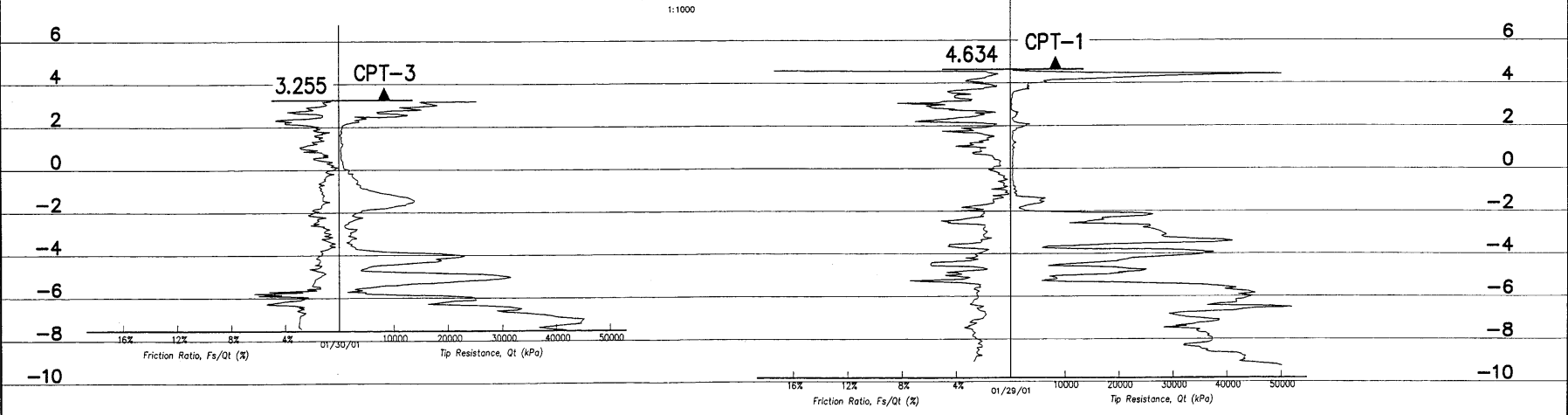
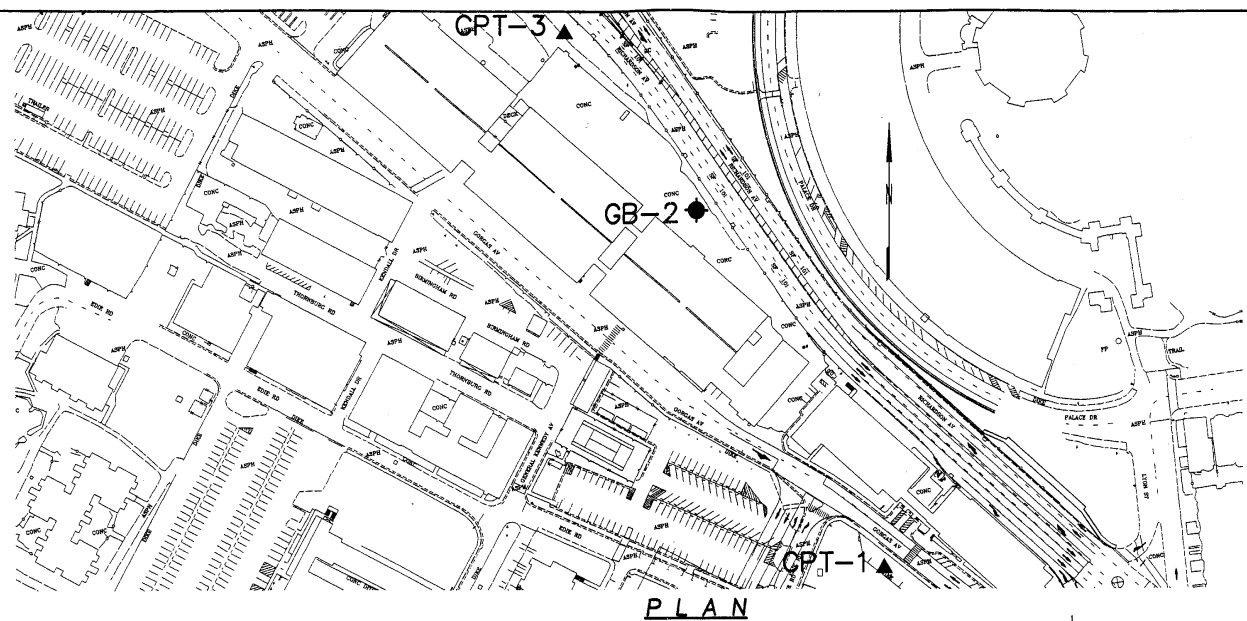
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SIGN OFF DATE	CHECKED BY K. R. Dahl & M. W. Heublein	DATE January 2001				



DIST.	COUNTY	ROUTE	KP	TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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NOTES
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CPT data reported for CPT-4 through CPT-8 was digitized from original metric data plot.



LEGEND OF BORING OPERATIONS

LEGEND OF EARTH MATERIALS

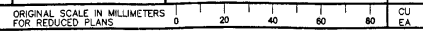
CONSISTENCY CLASSIFICATION FOR SOILS

According to the Standard Penetration Test

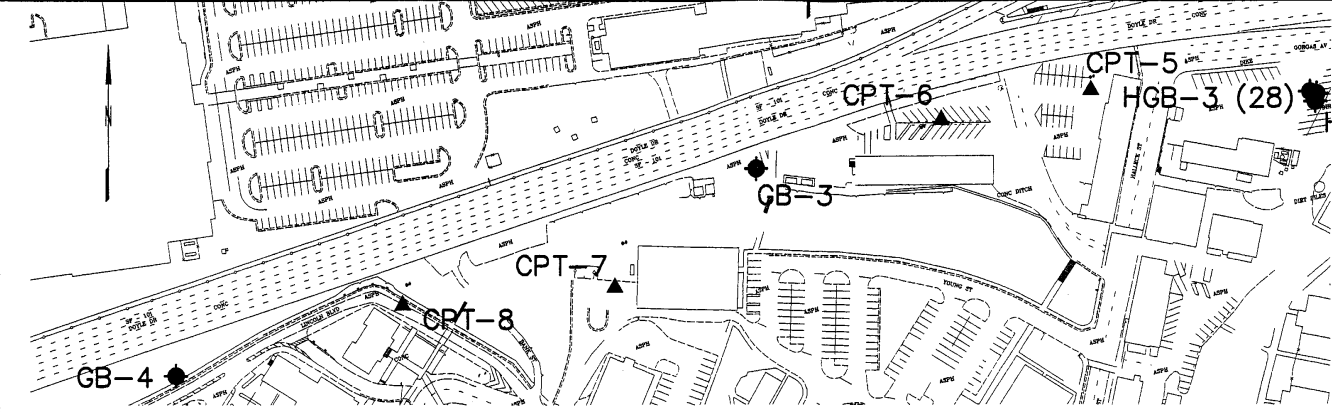
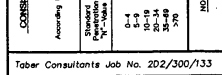
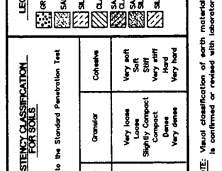
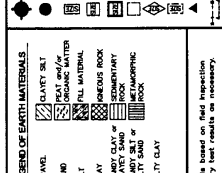
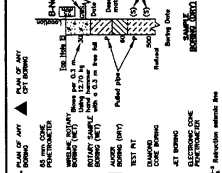
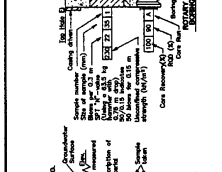
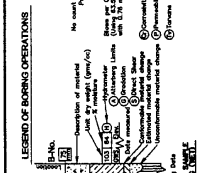
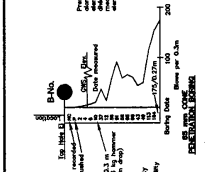
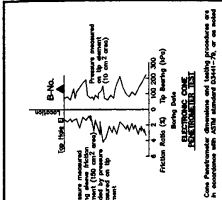
NOTE: Visual classification of earth materials based on field inspection is confirmed or revised with laboratory test results as necessary.

DESIGN OVERSIGHT	DRAWN BY M. D. Robertson	I. d'Arcy FIELD INVESTIGATOR	METRIC "ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC (m)"	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	DOYLE DRIVE RECONSTRUCTION PROJECT
SIGN OFF DATE	CHECKED BY K. R. Dahl & M. W. Heublein	DATE January 2001				LOG OF TEST BORINGS No. 8

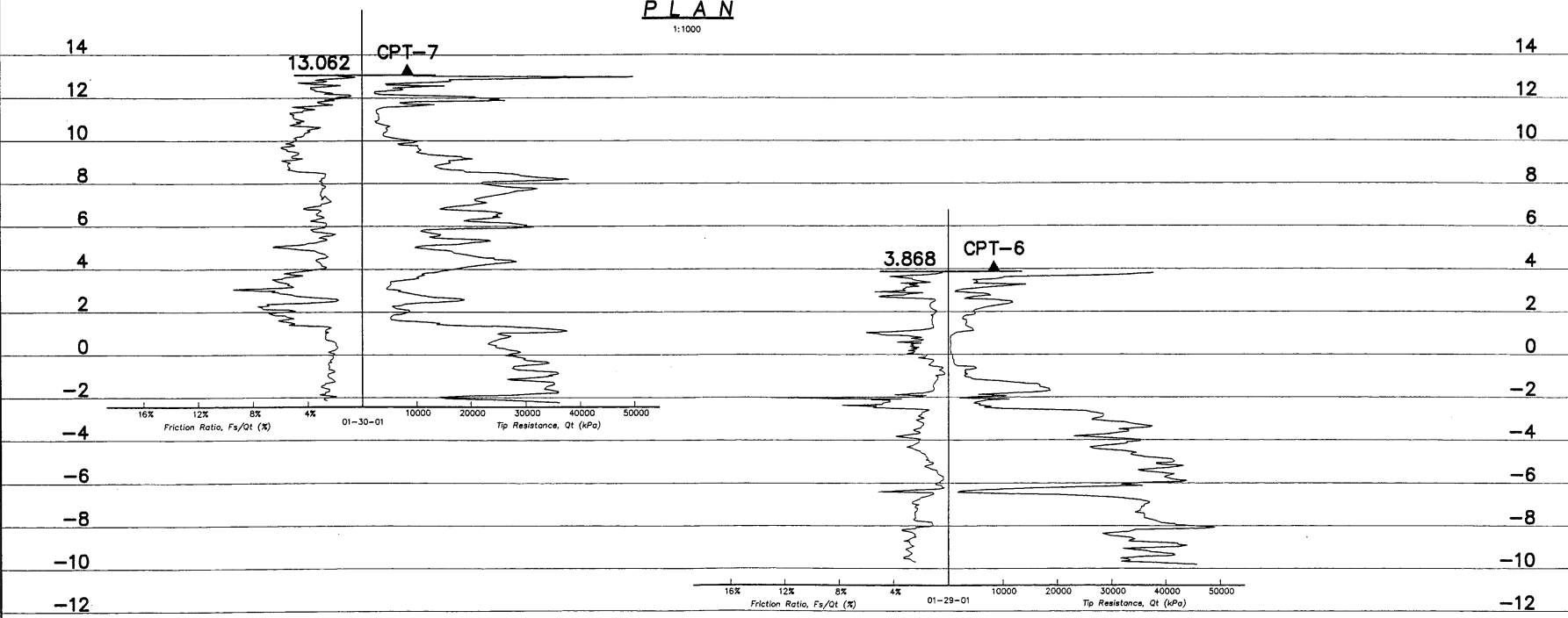
Taber Consultants Job No. 202/300/133 file id: 202300133s.dwg date: 05/24/01



DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF
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PLAN
1:1000



PROFILE
1:100 Vertical
No Scale Horizontal



DIST.	COUNTY	ROUTE	KP	TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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CPT data reported for CPT-4 through CPT-8 was digitized from original metric data plot.

DESIGN OVERSIGHT	DRAWN BY	M. D. Robertson	T. d'Arcy
	CHECKED BY	K. R. Dahl & W. W. Heublein	DATE January 2001

DESIGN OVERSIGHT	DRAWN BY	M. D. Robertson	T. d'Arcy
SIGN OFF DATE	CHECKED BY	K. R. Dahl & W. W. Heublein	DATE January 2001

METRIC
"ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC (m)"

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT ENGINEER	DOYLE DRIVE RECONSTRUCTION PROJECT
	LOG OF TEST BORINGS No. 10

DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF
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APPENDIX D

Approved Caltrans BMPs

Appendix D

Approved Caltrans BMPs (excerpt from the SWMP, as modified by 5/28/04 memorandum: Notice of Revision to the Project Planning and Design Guidelines Based on the settlement negotiations of the District 7 Lawsuit

Biofiltration strips and swales are vegetated surfaces that remove pollutants by filtration through grass, sedimentation, sorption to soil or grass, and infiltration through the soil. Strips and swales are mainly effective at removing debris and solid particles, although some constituents are removed by sorption to the soil. Biofiltration swales are vegetated channels that receive directed flow and convey storm water. Biofiltration strips, also known as vegetated buffer strips, are vegetated sections of land over which storm water flows as overland sheet flow.

Biofiltration strips and swales are to be implemented at all sites to the extent that implementation is consistent with existing Caltrans policies, as described herein. In practice, this means maximizing the use of vegetation in the right-of-way wherever site conditions and climate allow vegetation to establish and where flow velocities are not high enough to cause scour.

Infiltration devices store runoff and allow it to infiltrate into the ground. Infiltration prevents pollutants in the captured runoff from reaching surface waters. In areas of high sediment loads, pretreatment may be required. Infiltration devices are required to meet the criteria in Appendix B. Infiltration devices should be considered wherever site conditions allow and the design water quality volume exceeds 123 cubic meters (0.1 acre-foot).

Detention devices are basins or tanks that temporarily detain runoff under quiescent conditions to allow particles to settle out. Detention devices should be considered when the design water quality volume is at least 123 cubic meters (0.1 acre-foot).

Traction sand traps should be considered at sites where traction sand or other traction-enhancing substances are commonly applied (at least once or twice a year) to the roadway.

Dry weather flow diversions to treat non-storm water flow may be feasible. They should only be considered if dry weather flow from Caltrans activities is persistent, or the result of an ongoing Caltrans activity. Additionally, dry weather diversions should only be considered if connection to a nearby sanitary sewer would not involve excessive measures to implement, and provided the local health department and the sanitary sewer authority are willing to allow the Department to connect to a nearby sanitary sewer.

Gross Solids Removal Devices (GSRDs) should be considered for areas where receiving waters are on the 303(d) list for trash or areas where TMDLs that require trash removal have been adopted.

Media Filters remove fine sediment, particulate-associated pollutants, and sometimes dissolved pollutants. The normal configuration of such a device consists of an initial sedimentation basin or vault followed by a filtering vault that is lined with a media.

Multi-Chamber Treatment Trains (MCTT) use three treatment mechanisms in three different chambers. These include a catch basin with a sump, a sedimentation chamber with tube settlers and sorbent pads, and a filtering chamber lined with media.

Wet Basins (constructed wetlands) are permanent pools of water designed to mimic naturally occurring wetlands. The main distinction between construction and natural wetlands is that constructed wetlands are placed in upland areas and are not subject to wetland protection regulations.