

San Mateo County New Emergency Management (EMC) and Motor Pool Relocation

Appendices A-F

Appendix A

Air Quality and GHG Emissions Assessment

***SAN MATEO COUNTY NEW EMERGENCY
MANAGEMENT CENTER (EMC) AND MOTORPOOL
RELOCATION
DRAFT AIR QUALITY AND GHG EMISSIONS
ASSESSMENT***

Milpitas, California

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Introduction

The purpose of this report is to address air quality and greenhouse gas emission impacts associated with the proposed San Mateo County New Emergency Management Center (EMC) and Motor Pool Relocation Project in Redwood City, California. The project proposes to relocate existing Motor Pool Radio Shop facilities (Motor Pool) from 551 Winslow Street (Site 1) to 752 Chestnut Street (Site 2). A new Emergency Management Center (EMC) building would then be constructed at Site 1. Air quality impacts could occur due to temporary construction emissions and as a result of direct and indirect emissions from operation of the project. Operation of the new EMC would include routine maintenance of an emergency back-up generator that is powered by diesel fuel. This analysis was conducted following guidance provided by the Bay Area Air Quality Management District (BAAQMD).

Setting

The project is located in the central portion of the San Mateo County, which is in the San Francisco Bay Area Air Basin. Ambient air quality standards have been established at both the State and federal level. The Bay Area meets all ambient air quality standards with the exception of ground-level ozone, respirable particulate matter (PM₁₀) and fine particulate matter (PM_{2.5}).

High ozone levels are caused by the cumulative emissions of reactive organic gases (ROG) and nitrogen oxides (NO_x). These precursor pollutants react under certain meteorological conditions to form high ozone levels. Controlling the emissions of these precursor pollutants is the focus of the Bay Area's attempts to reduce ozone levels. The highest ozone levels in the Bay Area occur in the eastern and southern inland valleys that are downwind of air pollutant sources. High ozone levels aggravate respiratory and cardiovascular diseases, reduced lung function, and increase coughing and chest discomfort.

Particulate matter is another problematic air pollutant of the Bay Area. Particulate matter is assessed and measured in terms of respirable particulate matter or particles that have a diameter of 10 micrometers or less (PM₁₀) and fine particulate matter where particles have a diameter of 2.5 micrometers or less (PM_{2.5}). Elevated concentrations of PM₁₀ and PM_{2.5} are the result of both region-wide (or cumulative) emissions and localized emissions. High particulate matter levels aggravate respiratory and cardiovascular diseases, reduce lung function, increase mortality (e.g., lung cancer), and result in reduced lung function growth in children.

Toxic air contaminants (TAC) are a broad class of compounds known to cause morbidity or mortality (usually because they cause cancer) and include, but are not limited to, the criteria air pollutants listed above. TACs are found in ambient air, especially in urban areas, and are caused by industry, agriculture, fuel combustion, and commercial operations (e.g., dry cleaners). TACs are typically found in low concentrations, even near their source (e.g., diesel particulate matter near a freeway). Because chronic exposure can result in adverse health effects, TACs are regulated at the regional, state, and Federal level.

Diesel exhaust is the predominant TAC in urban air and is estimated to represent about three-quarters of the cancer risk from TACs (based on the Bay Area average). According to the California Air Resources Board (CARB), diesel exhaust is a complex mixture of gases, vapors and fine particles. This complexity makes the evaluation of health effects of diesel exhaust a complex scientific issue. Some of the chemicals in diesel exhaust, such as benzene and formaldehyde, have been previously identified as TACs by the CARB, and are listed as carcinogens either under the state's Proposition 65 or under the Federal Hazardous Air Pollutants programs.

CARB has adopted and implemented a number of regulations for stationary and mobile sources to reduce emissions of DPM. Several of these regulatory programs affect medium and heavy duty diesel trucks that

represent the bulk of DPM emissions from California highways. These regulations include the solid waste collection vehicle (SWCV) rule, in-use public and utility fleets, and the heavy-duty diesel truck and bus regulations. In 2008, CARB approved a new regulation to reduce emissions of DPM and nitrogen oxides from existing on-road heavy-duty diesel fueled vehicles.¹ The regulation requires affected vehicles to meet specific performance requirements between 2014 and 2023, with all affected diesel vehicles required to have 2010 model-year engines or equivalent by 2023. These requirements are phased in over the compliance period and depend on the model year of the vehicle.

The Bay Area Air Quality Management District (BAAQMD) is the regional agency tasked with managing air quality in the region. At the State level, the California Air Resources Board (a part of the California Environmental Protection Agency) oversees regional air district activities and regulates air quality at the State level. The BAAQMD has recently published CEQA Air Quality Guidelines that are used in this assessment to evaluate air quality impacts of projects.²

Sensitive Receptors

There are groups of people more affected by air pollution than others. CARB has identified the following persons who are most likely to be affected by air pollution: children under 14, the elderly over 65, athletes, and people with cardiovascular and chronic respiratory diseases. These groups are classified as sensitive receptors. Locations that may contain a high concentration of these sensitive population groups include residential areas, hospitals, daycare facilities, elder care facilities, elementary schools, and parks. The closest off-site sensitive receptors are multifamily residences currently being constructed across from the site on Winslow Street and the Marin Day Schools childcare facility just north of the project site. The project would not introduce any new sensitive receptors to the area.

Greenhouse Gases

Gases that trap heat in the atmosphere, GHGs, regulate the earth's temperature. This phenomenon, known as the greenhouse effect, is responsible for maintaining a habitable climate. The most common GHGs are carbon dioxide (CO₂) and water vapor but there are also several others, most importantly methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆). These are released into the earth's atmosphere through a variety of natural processes and human activities. Sources of GHGs are generally as follows:

- CO₂ and N₂O are byproducts of fossil fuel combustion.
- N₂O is associated with agricultural operations such as fertilization of crops.
- CH₄ is commonly created by off-gassing from agricultural practices (e.g., keeping livestock) and landfill operations.
- Chlorofluorocarbons (CFCs) were widely used as refrigerants, propellants, and cleaning solvents but their production has been stopped by international treaty.
- HFCs are now used as a substitute for CFCs in refrigeration and cooling.
- PFCs and sulfur hexafluoride emissions are commonly created by industries such as aluminum production and semi-conductor manufacturing.

Each GHG has its own potency and effect upon the earth's energy balance. This is expressed in terms of a global warming potential (GWP), with CO₂ being assigned a value of 1 and sulfur hexafluoride being several orders of magnitude stronger with a GWP of 23,900. In GHG emission inventories, the weight of each gas is multiplied by its GWP and is measured in units of CO₂ equivalents (CO₂e).

¹ Available online: <http://www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm>. Accessed: December 12, 2014.

² Bay Area Air Quality Management District. 2011. BAAQMD CEQA Air Quality Guidelines. May.

An expanding body of scientific research supports the theory that global warming is currently affecting changes in weather patterns, average sea level, ocean acidification, chemical reaction rates, and precipitation rates, and that it will increasingly do so in the future. The climate and several naturally occurring resources within California could be adversely affected by the global warming trend. Increased precipitation and sea level rise could increase coastal flooding, saltwater intrusion, and degradation of wetlands. Mass migration and/or loss of plant and animal species could also occur. Potential effects of global climate change that could adversely affect human health include more extreme heat waves and heat-related stress; an increase in climate-sensitive diseases; more frequent and intense natural disasters such as flooding, hurricanes and drought; and increased levels of air pollution.

Significance Thresholds

In June 2010, BAAQMD adopted thresholds of significance to assist in the review of projects under CEQA. These Thresholds were designed to establish the level at which BAAQMD believed air pollution emissions would cause significant environmental impacts under CEQA and were posted on BAAQMD's website and included in the Air District's updated CEQA Guidelines (updated May 2011). The significance thresholds identified by BAAQMD and used in this analysis are summarized in Table 1.

BAAQMD's adoption of significance thresholds contained in the 2011 CEQA Air Quality Guidelines was called into question by an order issued March 5, 2012, in California Building Industry Association (CBIA) v. BAAQMD (Alameda Superior Court Case No. RGI0548693). The order requires BAAQMD to set aside its approval of the thresholds until it has conducted environmental review under CEQA. The ruling made in the case concerned the environmental impacts of adopting the thresholds and how the thresholds would indirectly affect land use development patterns. In August 2013, the Appellate Court struck down the lower court's order to set aside the thresholds. However, this litigation remains pending as the California Supreme Court recently accepted a portion of CBIA's petition to review the appellate court's decision to uphold BAAQMD's adoption of the thresholds. The specific portion of the argument to be considered is in regard to whether CEQA requires consideration of the effects of the environment on a project (as contrasted to the effects of a proposed project on the environment). Therefore, the significance thresholds contained in the 2011 CEQA Air Quality Guidelines are applied to this project.

Table 1. Air Quality Significance Thresholds

Pollutant	Construction Thresholds	Operational Thresholds	
	Average Daily Emissions (lbs./day)	Average Daily Emissions (lbs./day)	Annual Average Emissions (tons/year)
Criteria Air Pollutants			
ROG	54	54	10
NO _x	54	54	10
PM ₁₀	82	82	15
PM _{2.5}	54	54	10
CO	Not Applicable	9.0 ppm (8-hour average) or 20.0 ppm (1-hour average)	
Fugitive Dust	Construction Dust Ordinance or other Best Management Practices	Not Applicable	
Health Risks and Hazards for New Sources			
Excess Cancer Risk	10 per one million		
Chronic or Acute Hazard Index	1.0		
Incremental annual average PM _{2.5}	0.3 µg/m ³		
Health Risks and Hazards for Sensitive Receptors (Cumulative from all sources within 1,000 foot zone of influence) and Cumulative Thresholds for New Sources			
Excess Cancer Risk	100 per one million		
Chronic Hazard Index	10.0		
Annual Average PM _{2.5}	0.8 µg/m ³		
Greenhouse Gas Emissions			
GHG Annual Emissions	Not Applicable	1,100 metric tons or 4.6 metric tons/ capita	
Note: ROG = reactive organic gases, NO _x = nitrogen oxides, PM ₁₀ = course particulate matter or particulates with an aerodynamic diameter of 10 micrometers (µm) or less, PM _{2.5} = fine particulate matter or particulates with an aerodynamic diameter of 2.5µm or less; and GHG = greenhouse gas.			

Impacts and Mitigation Measures

Impact 1: Conflict with or obstruct implementation of the applicable air quality plan?
Less than significant

The most recent clean air plan is the *Bay Area 2010 Clean Air Plan* that was adopted by BAAQMD in September 2010. The proposed project would not conflict with the latest Clean Air planning efforts since the project would have emissions well below the BAAQMD thresholds (see Impact 2), and development would be near existing transit with regional connections. The project, at 35,000 square feet (s.f.) for the EMC (Site 1) and 4,100 s.f. net building addition at Site 2, is too small to exceed any of the significance thresholds and, thus, it is not required to incorporate project-specific transportation control measures listed in the latest Clean Air Plan.

Impact 2: Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable Federal or State ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)? *Less than significant with construction-period mitigation*

The Bay Area is considered a non-attainment area for ground-level ozone and fine particulate matter (PM_{2.5}) under both the Federal Clean Air Act and the California Clean Air Act. The area is also considered non-attainment for respirable particulates or particulate matter with a diameter of less than 10 micrometers (PM₁₀) under the California Clean Air Act, but not the Federal act. The area has attained both State and Federal ambient air quality standards for carbon monoxide. As part of an effort to attain and maintain ambient air quality standards for ozone and PM₁₀, the BAAQMD has established thresholds of significance for these air pollutants and their precursors. These thresholds are for ozone precursor pollutants (ROG and NO_x), PM₁₀ and PM_{2.5} and apply to both construction period and operational period impacts.

Due to the project size, construction exhaust and operational period emissions would be less than significant. In their 2011 update to the *CEQA Air Quality Guidelines*, BAAQMD identified the size of land use projects that could result in significant air pollutant emissions. For construction exhaust impacts, the government office building size was identified at 277,000 s.f.. Since the project proposes 35,000 s.f. at Site 1 and the net addition of 4,100 s.f. at Site 2, it is concluded that emissions would be below the BAAQMD significance thresholds for construction exhaust emissions.

However, construction activities, particularly during site preparation and grading would temporarily generate fugitive dust in the form of PM₁₀ and PM_{2.5}. Sources of fugitive dust would include disturbed soils at the construction site and trucks carrying uncovered loads of soils. Unless properly controlled, vehicles leaving the site would deposit mud on local streets, which could be an additional source of airborne dust after it dries. Fugitive dust emissions would vary from day to day, depending on the nature and magnitude of construction activity and local weather conditions. Fugitive dust emissions would also depend on soil moisture, silt content of soil, wind speed, and the amount of equipment operating. Larger dust particles would settle near the source, while fine particles would be dispersed over greater distances from the construction site. The BAAQMD *CEQA Air Quality Guidelines* consider these impacts to be less than significant if best management practices are employed to reduce these emissions. Implementation of Mitigation Measure AQ-1 would reduce this impact to a level of *less than significant*.

Mitigation Measure AQ-1: Include measures to control dust emissions.

Implementation of the measures recommended by BAAQMD and listed below would reduce the air quality and fugitive dust-related impacts associated with grading and new construction to a

less than significant. The contractor shall implement the following Best Management Practices that are required of all projects:

1. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.
2. All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
3. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
4. All vehicle speeds on unpaved roads shall be limited to 15 mph.
5. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
6. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
7. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.
8. Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

For operational impacts, the project screening size was identified at 61,000 s.f.. Since the project proposes 35,000 s.f. at Site 1 and the net addition of 4,100 s.f. at Site 2, it is concluded that emissions would be below the BAAQMD significance thresholds for operational emissions. The EMC would not normally be staffed and when it is, occupants would mostly include County employees for training or emergency conditions, so the project would not increase traffic. The change in emissions would be negligible and well below the BAAQMD thresholds.

The only sources of air pollution identified with build out of the project are two standby emergency power systems. Preliminary plans indicate that two standby power systems would be located on the site south of the proposed parking lot. The generators would be located about 175 feet from the nearest future residences across from the site on Winslow Street. Two generators are necessary to provide redundant back-up power supply. As the project is in the preliminary planning stages, the power requirements have not yet been identified. The maximum back-up power needs envisioned for the project would be one megawatt, provided by a 1,500 horsepower engine. The generators will be driven by diesel-fueled engines.

The standby generators would be used for backup power in emergency conditions. The generators will be operated for testing and maintenance purposes, with a maximum of 50 hours per year of non-emergency operation under normal conditions allowed by BAAQMD. During testing periods the engine would

typically be run for less than one hour. The engine would be required to meet CARB and U.S. EPA emission standards. The engine will consume commercially available California low sulfur diesel fuel.

These generators would require permits from the BAAQMD prior to construction and installation, since they are equipped with engines larger than 50 hp. The applicant would have to demonstrate that the engines meet all BAAQMD permit requirements, which include emission standards. An assessment that shows less-than-significant air pollutant emissions be required to support the permit. Sources of air pollutant emissions complying with all applicable BAAQMD regulations would not be considered to have a significant air quality impact.

Emissions from the testing and maintenance of the generators was calculated using CARB’s OFFROAD emissions model for large compression-ignited engines above 25 hp. Results of generator modeling are shown in Table 2 for annual and average daily emissions. As shown in Table 2, estimated emissions from the testing and maintenance of the two generators would be below BAAQMD significance thresholds. Details of the generator modeling are included in *Attachment 1*.

Table 2. Standby Emergency Generator Testing Emissions

Scenario	Reactive Organic Gases (ROG)	Nitrogen Oxides (NO _x)	Particulate Matter (PM ₁₀ or PM _{2.5})
Daily testing of both systems for up to one hour	0.2 lbs/day	7.3 lbs/day	0.1 lbs/day
BAAQMD thresholds	54 lbs/day	54 lbs/day	82 lbs/day
Annual testing of both systems for up to fifty hours	<0.01 tons/year	0.2 tons/year	<0.01 tons/year
BAAQMD thresholds	10 tons/year	10 tons/year	15 tons/year

Impact 3: Violate any air quality standard or contribute substantially to an existing or projected air quality violation? *Less than significant*

As discussed under Impact 2, the project would have emissions less than the BAAQMD screening size for evaluating impacts related to ozone and particulate matter. Therefore, the project would not contribute substantially to existing or projected violations of those standards. Carbon monoxide emissions from traffic generated by the project would be the pollutant of greatest concern at the local level. Congested intersections with a large volume of traffic have the greatest potential to cause high-localized concentrations of carbon monoxide. Air pollutant monitoring data indicate that carbon monoxide levels have been at healthy levels (i.e., below State and federal standards) in the Bay Area since the early 1990s. As a result, the region has been designated as attainment for the standard. The highest measured level over any 8-hour averaging period during the last 3 years in the Bay Area is less than 3.0 parts per million (ppm), compared to the ambient air quality standard of 9.0 ppm. Intersections affected by the project would have traffic volumes less than the BAAQMD screening criteria and, thus, would not cause a violation of an ambient air quality standard or have a considerable contribution to cumulative violations of these standards.³

³ For a land-use project type, the BAAQMD CEQA Air Quality Guidelines state that a proposed project would result in a less than significant impact to localized carbon monoxide concentrations if the project would not increase traffic at affected intersections to more than 44,000 vehicles per hour.

Impact 4: Expose sensitive receptors to substantial pollutant concentrations? *Less than significant with construction-period mitigation*

Project impacts related to increased health risk can occur either by introducing a new sensitive receptor, such as a residential use, in proximity to an existing source of TACs or by introducing a new source of TACs with the potential to adversely affect existing sensitive receptors in the project vicinity. The BAAQMD recommends using a 1,000-foot screening radius around a project site for purposes of identifying community health risk from siting a new sensitive receptor or a new source of TACs. In this case, the project would be a new source of TAC emissions. Impacts could occur during both construction and operation.

Construction Community Risk Impacts

Construction activities, particularly during site preparation and grading would temporarily generate fugitive dust in the form of respirable particulate matter (PM₁₀) and PM_{2.5}. Sources of fugitive dust would include disturbed soils at the construction site and trucks carrying uncovered loads of soils. Unless properly controlled, vehicles leaving the site would deposit mud on local streets, which could be an additional source of airborne dust after it dries. The BAAQMD CEQA Air Quality Guidelines consider these impacts to be less than significant if best management practices are employed to reduce these emissions. *Mitigation Measure AQ-1 would implement BAAQMD-required best management practices.*

Construction equipment and associated heavy-duty truck traffic generate diesel exhaust, which is a known TAC. Diesel exhaust poses both potential health and nuisance impacts to nearby receptors. A community risk assessment of the project construction activities at Site 1 was conducted that evaluated potential health effects to sensitive receptors at nearby residences from construction emissions of diesel particulate matter (DPM) and PM_{2.5}.⁴ A dispersion model was used to predict the off-site DPM concentrations resulting from project construction so that lifetime cancer risks could be predicted.

Site 1 (EMC) Construction Health Risks

The California Emissions Estimator Model (CalEEMod) Version 2013.2.2 was used to predict annual emissions for construction. CalEEMod provides emission estimates for both on-site and off-site construction activities. On-site activities are primarily made up of construction equipment emissions, while off-site activity includes worker, hauling, and vendor traffic. The proposed project land uses were input into CalEEMod, which included 35,000 s.f. entered as “Government Office Building,” and 29 parking lot spaces on a 1.5-acre site. A construction build-out scenario, including equipment list and phasing schedule was developed based on model defaults for a project of this type and size. Construction is expected to last for approximately 14 months. The anticipated 2,593 cubic yards (70,000 ft³) import and 8,778 cubic yards (237,000 ft³) export, along with demolition hauling of the existing 7,500 s.f. building, were entered into the model. In addition, it is estimated that 1,000 cubic yards of pavement demolition hauling would be necessary. *Attachment 2* includes the CalEEMod input and output values for construction emissions.

The closest off-site sensitive receptors are multifamily residences currently being constructed across from the site on Winslow Street and the Marin Day Schools childcare facility just north of the project site. Children at the daycare facility range in age from 8 months to 5.5 years. There are additional residences in the area, but at much farther distances from project site. Figure 1 shows the project construction site and sensitive receptor locations used in the air quality dispersion modeling analysis where potential health impacts were evaluated.

⁴ DPM is identified by California as a toxic air contaminant due to the potential to cause cancer.

Construction Emissions

The refined community risk assessment focused on modeling on-site construction activity. Construction period emissions were modeled using CalEEMod, as described above. Construction of the project is expected to occur over an approximate 14-month period beginning in June 2015. The CalEEMod model provided total annual PM_{2.5} exhaust emissions (assumed to be DPM) for the off-road construction equipment and for exhaust emissions from on-road vehicles (haul trucks, vendor trucks, and worker vehicles), with total emissions of 0.205 tons (410 pounds). The on-road emissions are a result of haul truck travel during demolition, grading, worker travel, and vendor deliveries during construction activities. A trip length of 0.3 miles was used to represent vehicle travel while at or near the construction site. It was assumed that these emissions from on-road vehicles traveling at or near the site would occur at the construction site. Fugitive PM_{2.5} dust emissions were calculated by CalEEMod as 0.0116 tons (23 pounds) for the overall construction period. The project emission calculations are provided in *Attachment 2*.

Dispersion Modeling

The U.S. EPA ISCST3 dispersion model was used to predict concentrations of DPM and PM_{2.5} concentrations at existing sensitive receptors in the vicinity of the project construction area. The ISCST3 dispersion model is a BAAQMD-recommended model for use in modeling analysis of these types of emission activities for CEQA projects.⁵ Emission sources for the construction site were grouped into two categories: exhaust emissions of DPM and fugitive PM_{2.5} dust emissions. Combustion equipment exhaust emissions were modeled as a series of point sources with a 9-foot release height (construction equipment exhaust stack height) placed at 6-meter (20 foot) intervals throughout the construction site. This resulted in 132 individual point sources being used to represent mobile equipment DPM exhaust emissions occurring throughout the project site. Emissions from vehicle travel on- and off-site were distributed among the point sources throughout the site. Construction fugitive PM_{2.5} dust emissions were modeled as an area source encompassing the construction area with a near ground level release height of 2 meters. Figure 3 shows the project site, construction area, construction point sources used for modeling, and nearby sensitive receptor locations where health impacts were evaluated. Emissions from vehicle travel around the project site were included in the modeled area sources. Construction emissions were modeled as occurring daily from 7 a.m. to 4 p.m.

The modeling used a five-year data set (2001 - 2005) of hourly meteorological data from the San Carlos Airport prepared by the BAAQMD for use with the ISCST3 model. Annual DPM and PM_{2.5} concentrations from construction activities during the 2015 – 2016 period were calculated using the model. DPM and PM_{2.5} concentrations were calculated at nearby sensitive receptor locations at a receptor height of 1.5 meters (4.9 feet) and 4.5 meters (14.8 feet) above local ground level to represent the first and second building levels of nearby apartments, multi-story townhomes, and other residences. A receptor height of 1.0 meters (3.3 feet) was used for childcare facility

Predicted Cancer Risk and Hazards

The maximum modeled DPM and PM_{2.5} concentrations occurred at a residential receptor south of the project site, across South Perimeter Road from the project site at a receptor height of 4.5 meters. The location of this receptor is identified on Figure 1. Increased cancer risks were calculated using the modeled concentrations and BAAQMD recommended risk assessment methods for both a child exposure

⁵ Bay Area Air Quality Management District (BAAQMD), 2012, *Recommended Methods for Screening and Modeling Local Risks and Hazards, Version 3.0*. May.

(3rd trimester through 2 years of age) and adult exposure.⁶ The cancer risk calculations were based on applying the BAAQMD recommended age sensitivity factors to the DPM exposures. Age-sensitivity factors reflect the greater sensitivity of infants and small children to cancer causing TACs. BAAQMD recommended exposure parameters were used for the cancer risk calculations.⁷ Infant and child exposures were assumed to occur at all residences during the entire construction period and a child exposure was assumed to occur for the children at the Marin Day Schools childcare facility.

Results of this assessment indicate that for project construction the incremental residential child cancer risk at the maximally exposed individual (MEI) receptor would be 13.1 in one million and the incremental residential adult cancer risk would be 0.7 in one million. The maximum school child increased cancer risk would be 9.7 in one million. While the increased cancer risks for a school child and residential adult would be below the BAAQMD significance threshold of a cancer risk of 10 in one million or greater the increased cancer risk for a residential child would be above the cancer risk threshold and would be considered a *significant impact*.

The maximum modeled annual PM_{2.5} concentration was 0.18 µg/m³ occurring at the same location as the maximum residential cancer risk. The maximum PM_{2.5} concentration at the Marin Day Schools daycare facility would be 0.14 µg/m³. These PM_{2.5} concentrations are lower than the BAAQMD significance threshold of 0.3 µg/m³ used to judge the significance of health impacts from PM_{2.5}. This would be considered a *less than significant impact*.

Potential non-cancer health effects due to chronic exposure to DPM were also evaluated. Non-cancer health hazards from TAC exposure are expressed in terms of a hazard index (HI), which is the ratio of the TAC concentration to a reference exposure level (REL). California's Office of Environmental Health and Hazards (OEHHA) has defined acceptable concentration levels for contaminants that pose non-cancer health hazards. TAC concentrations below the REL are not expected to cause adverse health impacts, even for sensitive individuals. The chronic inhalation REL for DPM is 5 µg/m³. The maximum modeled annual residential DPM concentration was 0.15 µg/m³, which is much lower than the REL. The maximum computed hazard index based on this DPM concentration is 0.03 which is much lower than the BAAQMD significance criterion of a hazard index greater than 1.0. This would be considered a *less than significant impact*.

Construction at this site would have a *significant impact* with respect to community risk caused by construction activities. Implementation of *Mitigation Measures AQ-1 and AQ-2* would reduce this impact to a level of less than significant.

Attachment 3 includes the emission calculations used for the area source modeling and the cancer risk calculations.

Site 2 Construction Health Risks

Construction of site 2 is expected to last for 6 months and would involve the demolition of the existing 5,000 s.f. survey shed and construction of a 9,100 s.f. butler building. Based on the anticipated construction duration and relatively limited magnitude of construction, excess cancer risk and non-cancer hazard impacts to nearby residences are not expected to exceed BAAQMD significance thresholds.

⁶ Bay Area Air Quality Management District (BAAQMD), 2012, *Recommended Methods for Screening and Modeling Local Risks and Hazards*, May.

⁷ Bay Area Air Quality Management District (BAAQMD), 2010, *Air Toxics NSR Program Health Risk Screening Analysis Guidelines*, January.

Implementation of Mitigation Measure AQ-1 would reduce impacts from fugitive dust to a level of less than significant.

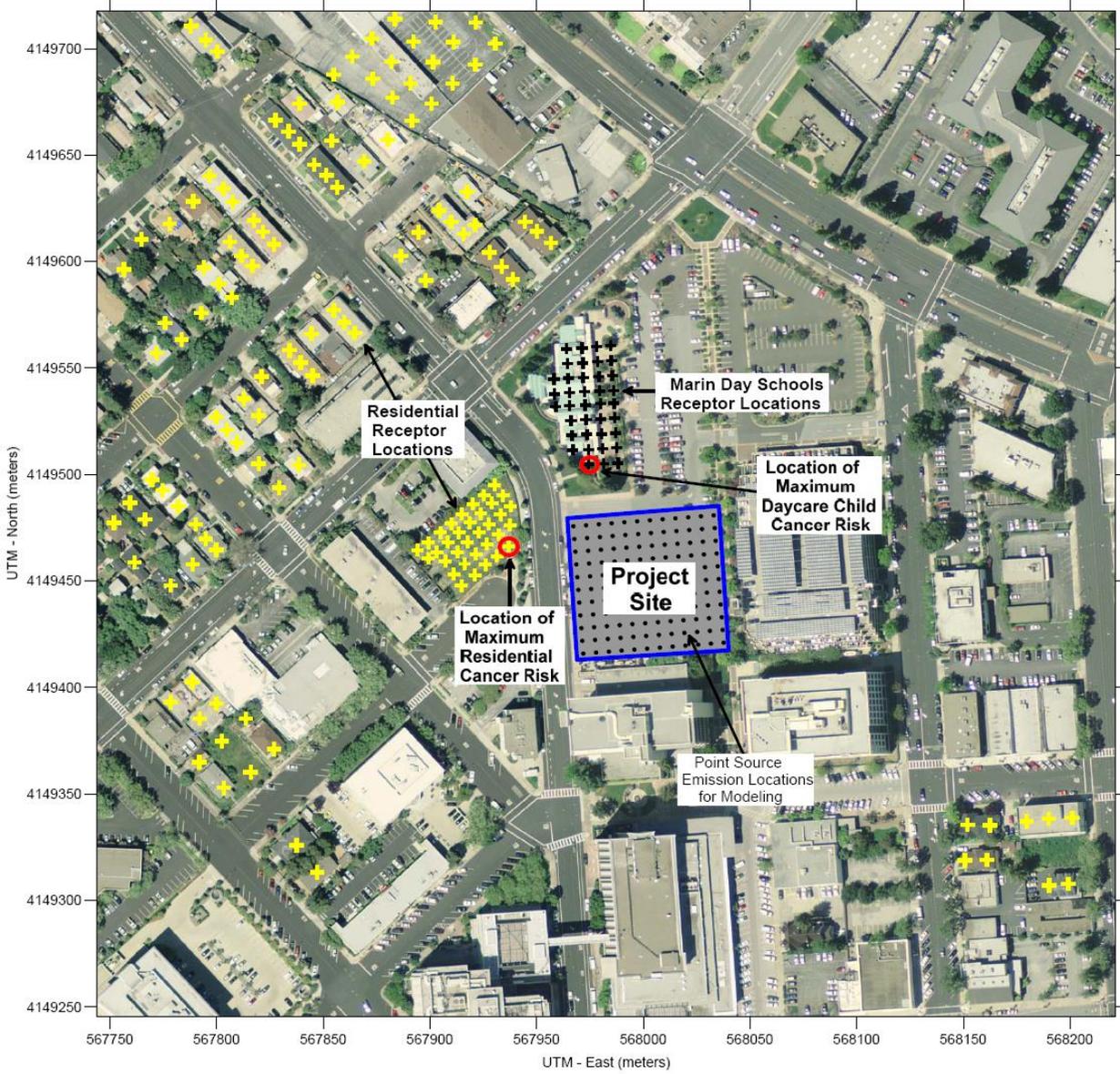
Mitigation Measure AQ-2: This mitigation measure applies to construction of Site 1. Selection of equipment during construction to minimize emissions. Such equipment selection would include the following:

1. All mobile diesel-powered off-road equipment larger than 50 horsepower and operating on the site for more than two days continuously shall meet U.S. EPA particulate matter emissions standards for Tier 2 engines or equivalent;
2. Minimize the number of hours that equipment will operate, including the use of idling restrictions.

Note that the construction contractor could use other measures to minimize construction period DPM emissions to reduce the predicted cancer risk below the thresholds. Such measures may be the use of alternative powered equipment (e.g., LPG-powered lifts), alternative fuels (e.g., biofuels), added exhaust devices, or a combination of measures, provided that these measures are approved by the County and demonstrated to reduce community risk impacts to less than significant.

Implementation of *Mitigation Measure 1* is considered to reduce exhaust emissions by 5 percent and fugitive dust emissions by over 50 percent. Implementation of *Mitigation Measure 2* would further reduce on-site diesel exhaust emissions by about 40 percent. With mitigation, the computed maximum increased residential child cancer risk from construction would be 7.9 in one million and the maximum increased child cancer risk at the daycare facility would be 5.8 in one million. These cancer risks would be below the BAAQMD thresholds of 10 per one million for cancer risk. *Therefore, after implementation of these recommended measures, the project would have a less-than-significant impact with respect to community risk caused by construction activities.*

Figure 1
Site 1 (EMC) Construction Site and Locations of Sensitive Receptors and Maximum Cancer Risks



Operational Community Risk Impacts

Site 1 Emergency Diesel Generators

As previously described, two-emergency backup generators driven by diesel-fueled engines would be necessary. The backup power systems have not yet been designed; however, the maximum project need would include redundant 1-megawatt generators powered by up to a 1,500-horsepower engines. The generators, will be operated for testing and maintenance purposes, with a maximum of 50 hours per year of non-emergency operation under normal conditions. During testing periods the engine would typically be run for less than one hour under light engine loads. The engines would be required to meet U.S. EPA emission standards and consume commercially available California low sulfur diesel fuel.

The generators would require permits from the BAAQMD, since they are equipped with engines larger than 50 hp. As part of the BAAQMD permit requirements, an assessment that shows less-than-significant health risks from diesel particulate matter exposure would be required. The risk assessment, prepared by BAAQMD, would have to show that cancer risks are less than 10 per million and that the project includes Best Available Toxics Control Technology, which would set limits for diesel particulate matter emissions. Sources of air pollutant emissions complying with all applicable BAAQMD regulations generally will not be considered to have a significant air quality community risk impact.

Site 2

The existing Corporate Yard (site 2) contains one emergency back-up generator (BAAQMD source 14813) and one gas-dispensing facility (BAAQMD source G9954). Both of these stationary sources of TAC pollutants are accounted for the *BAAQMD Stationary Source Screening Analysis Tool*⁸ and are below the significance thresholds for cancer and non-cancer hazard risks based on reported screening values. According to the applicant, no new or larger gas tanks are proposed on-site. Therefore, assuming that the future Motorpool site will operate under the existing permits for the Corporate Yard, stationary sources of TACs would remain below the significance thresholds and this impact would be *less than significant*.

Impact 5: Create objectionable odors affecting a substantial number of people? *Less than significant*

The project would generate localized emissions of diesel exhaust during construction equipment operation and truck activity. These emissions may be noticeable from time to time by adjacent receptors. However, they would be localized and are not likely to adversely affect people off site by resulting in confirmed odor complaints. The project would not include any sources of significant odors that would cause complaints from surrounding uses. This would be a *less-than-significant* impact

Impact 6: Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? *Less than significant*

The BAAQMD May 2011 CEQA Guidelines included GHG emissions-based significance thresholds. These thresholds include a “bright-line” emissions level of 1,100 metric tons per year for land-use type projects and 10,000 metric tons per year for stationary sources. Land use projects with emissions above

⁸ Available online: <http://www.baaqmd.gov/Divisions/Planning-and-Research/CEQA-GUIDELINES/Tools-and-Methodology.aspx>. Accessed: December 5, 2014.

the 1,100 metric ton per year threshold would then be subject to a GHG efficiency threshold of 4.6 metric tons per year per capita. Projects with emissions above the thresholds would be considered to have an impact, which, cumulatively, would be significant. The project exceeds the GHG screening size for government office buildings of 12,000 s.f. Therefore, a quantified assessment of project GHG impacts was conducted.

CalEEMod Modeling

CalEEMod was also used to predict GHG emissions from operation of the site assuming full build-out of the project. The project land use types and size and other project-specific information were input to the model. The use of this model for evaluating emissions from land use projects is recommended by the BAAQMD. Unless otherwise noted below, the CalEEMod model defaults for San Mateo County were used. CalEEMod provides emissions for transportation, area sources, electricity consumption, natural gas combustion, electricity usage associated with water usage and wastewater discharge, and solid waste land filling and transport. CalEEMod output worksheets are included in *Attachment 2*.

Land Use Descriptions

The proposed project land uses were input into CalEEMod, which included 35,000 s.f. of “Government Office Building,” and a 29-space parking lot on a 1.5-acre site.

Traffic

It is our understanding that implementation of the proposed project would not substantially affect traffic trip rates in relation to existing rates and, in fact, may reduce trips overall. Therefore, net transportation emissions were assumed to be zero due to implementation of the project.

Model Year

The year 2017 was analyzed since it is the first full year that the project could conceivably be occupied.

Energy

Default rates for energy consumption were assumed in the model. Emissions rates associated with electricity consumption were adjusted to account for Pacific Gas & Electric utility’s (PG&E) projected 2017 CO₂ intensity rate. This 2017 rate is based, in part, on the requirement of a renewable energy portfolio standard of 33 percent by the year 2020. CalEEMod uses a default rate of 641.35 pounds of CO₂ per megawatt of electricity produced. The derived 2017 rate for PG&E was estimated at 348.86 pounds of CO₂ per megawatt of electricity delivered and is based on the California Public Utilities Commission (CPUC) GHG Calculator.⁹

Other Inputs

Default model assumptions for GHG emissions associated with area sources, solid waste generation and water/wastewater use were applied to the project.

Construction Emissions

BAAQMD does not have an adopted Threshold of Significance for construction-related GHG emissions, though the District recommends quantifying emissions and disclosing that GHG emissions would occur during construction. BAAQMD also encourages the incorporation of best management practices to reduce GHG emissions during construction where feasible and applicable. Best management practices assumed to be incorporated into construction of the proposed project include, but are not limited to: using

⁹ California Public Utilities Comissions GHG Calculator version 3c, October 7, 2010. Available on-line at: http://ethree.com/public_projects/cpuc2.php. Accessed: November 20, 2014.

local building materials of at least 10 percent and recycling or reusing at least 50 percent of construction waste or demolition materials.

Operational Emissions

The CalEEMod model was used to predict daily emissions associated with operation of the fully-developed site under the proposed project. In 2017, annual emissions resulting from operation of the proposed project are predicted to be 150 MT of CO₂e. These emissions would not exceed the BAAQMD threshold of 1,100 MT of CO₂e/yr and, therefore, *this would be a less-than-significant impact.*

Table 3. Annual Project GHG Emissions (CO₂e) in Metric Tons

Source Category	2017 Project Emissions
Area	<1
Energy Consumption	117
Mobile	0
Solid Waste Generation	15
Water Usage	17
Project Total	150
<i>BAAQMD Threshold</i>	1,100 CO ₂ e/year

Generator

As discussed above, the project would include two emergency diesel generators, expected to be one megawatt/1,500 hp each. The generators would be tested routinely, up to 50 hours per year. Emissions from the testing and maintenance of the generators was calculated using CARB’s OFFROAD emissions model for large compression-ignited engines above 25 hp and included the CARB Low Carbon Fuel Standard (LCFS) rules. Results of generator modeling indicate annual CO₂e emissions of 40 MT. The BAAQMD threshold for stationary sources requiring permits is 10,000 annual MT. Details of the generator modeling are included in *Attachment 1*.

Impact 7: Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases? ***No Impact.***

The project would be subject to new requirements under rule making developed at the State and local level regarding greenhouse gas emissions and be subject to local policies that may affect emissions of greenhouse gases.

Attachment 1: Generator Operational Emissions and Calculations

Attachment 2: CalEEMod Emission Computations

EMC Site
San Mateo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	35.00	1000sqft	1.50	35,000.00	0
Parking Lot	29.00	Space	0.00	11,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	70
Climate Zone	5			Operational Year	2017
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	348.86	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor (348.86 lb/MWh) for 2017 obtained from CPUC GHG Calculator version 3c.

Land Use - Project s.f. and acreage from PD.

Construction Phase - Default schedule based on 14-month total construction period.

Trips and VMT - Building demo: 34 truck hauling trips + Est. 1,000 CY pavement demo @16CY/truck X 2 (one-way trips): 125 = 159 truck hauling trips. 0.3 mile trip lengths to calculate risk from on-site vehicle travel.

Demolition - 7,500 s.f. demo.

Vehicle Trips - No substantial change in traffic above existing with implementation of project.

Construction Off-road Equipment Mitigation - Tier 2 for engines > 50hp + BAAQMD BMPs.

Grading - 2,593 CY (70,000 ft3) import , 8,778 CY (237,000 ft3) export.

Table Name	Column Name	Default Value	New Value
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
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tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
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tblConstructionPhase	NumDays	200.00	250.00
tblConstructionPhase	NumDays	20.00	25.00
tblConstructionPhase	NumDays	4.00	5.00
tblConstructionPhase	NumDays	10.00	13.00
tblConstructionPhase	NumDays	2.00	3.00
tblGrading	AcresOfGrading	1.88	1.50
tblGrading	AcresOfGrading	1.50	1.00

tblGrading	MaterialExported	0.00	8,778.00
tblGrading	MaterialImported	0.00	2,593.00
tblLandUse	LotAcreage	0.80	1.50
tblLandUse	LotAcreage	0.26	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	348.86
tblProjectCharacteristics	OperationalYear	2014	2017
tblTripsAndVMT	HaulingTripLength	20.00	0.30
tblTripsAndVMT	HaulingTripLength	20.00	0.30
tblTripsAndVMT	HaulingTripLength	20.00	0.30
tblTripsAndVMT	HaulingTripLength	20.00	0.30
tblTripsAndVMT	HaulingTripLength	20.00	0.30
tblTripsAndVMT	HaulingTripLength	20.00	0.30
tblTripsAndVMT	HaulingTripNumber	34.00	159.00
tblTripsAndVMT	VendorTripLength	7.30	0.30
tblTripsAndVMT	VendorTripLength	7.30	0.30
tblTripsAndVMT	VendorTripLength	7.30	0.30
tblTripsAndVMT	VendorTripLength	7.30	0.30
tblTripsAndVMT	VendorTripLength	7.30	0.30
tblTripsAndVMT	VendorTripLength	7.30	0.30
tblTripsAndVMT	WorkerTripLength	12.40	0.30
tblTripsAndVMT	WorkerTripLength	12.40	0.30
tblTripsAndVMT	WorkerTripLength	12.40	0.30
tblTripsAndVMT	WorkerTripLength	12.40	0.30
tblTripsAndVMT	WorkerTripLength	12.40	0.30
tblTripsAndVMT	WorkerTripLength	12.40	0.30
tblVehicleTrips	WD_TR	68.93	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2015	0.2835	1.8086	1.4927	1.7400e-003	0.0255	0.1186	0.1441	0.0115	0.1136	0.1251	0.0000	150.7627	150.7627	0.0351	0.0000	151.4995
2016	0.4148	1.4403	1.1002	1.5400e-003	4.1000e-004	0.0947	0.0951	1.1000e-004	0.0912	0.0913	0.0000	131.1785	131.1785	0.0290	0.0000	131.7870
Total	0.6982	3.2489	2.5929	3.2800e-003	0.0259	0.2133	0.2391	0.0116	0.2048	0.2164	0.0000	281.9411	281.9411	0.0641	0.0000	283.2865

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2015	0.1766	1.4340	1.3916	1.7400e-003	0.0118	0.0649	0.0767	2.7300e-003	0.0648	0.0676	0.0000	150.7625	150.7625	0.0351	0.0000	151.4993
2016	0.3385	1.2403	1.1144	1.5400e-003	4.1000e-004	0.0582	0.0586	1.1000e-004	0.0582	0.0583	0.0000	131.1783	131.1783	0.0290	0.0000	131.7869
Total	0.5152	2.6743	2.5059	3.2800e-003	0.0122	0.1230	0.1352	2.8400e-003	0.1230	0.1259	0.0000	281.9408	281.9408	0.0641	0.0000	283.2862

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	26.22	17.68	3.35	0.00	52.82	42.31	43.45	75.58	39.93	41.84	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2005	1.0000e-005	6.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1400e-003	1.1400e-003	0.0000	0.0000	1.2100e-003
Energy	3.8300e-003	0.0348	0.0292	2.1000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	116.3847	116.3847	7.2500e-003	2.0400e-003	117.1709
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	6.6074	0.0000	6.6074	0.3905	0.0000	14.8075
Water						0.0000	0.0000		0.0000	0.0000	2.2059	8.3137	10.5196	0.2273	5.4900e-003	16.9948
Total	0.2043	0.0348	0.0298	2.1000e-004	0.0000	2.6500e-003	2.6500e-003	0.0000	2.6500e-003	2.6500e-003	8.8133	124.6996	133.5129	0.6250	7.5300e-003	148.9744

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2015	7/3/2015	5	25	
2	Site Preparation	Site Preparation	7/4/2015	7/8/2015	5	3	
3	Grading	Grading	7/9/2015	7/15/2015	5	5	
4	Building Construction	Building Construction	7/16/2015	6/29/2016	5	250	
5	Paving	Paving	6/30/2016	7/18/2016	5	13	
6	Architectural Coating	Architectural Coating	7/19/2016	8/4/2016	5	13	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 53,022; Non-Residential Outdoor: 17,674 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	255	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	174	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	174	0.41
Grading	Rubber Tired Dozers	1	6.00	255	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	125	0.42
Paving	Paving Equipment	1	8.00	130	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	159.00	0.30	0.30	0.30	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	0.30	0.30	0.30	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	1,421.00	0.30	0.30	0.30	LD_Mix	HDT_Mix	HHDT
Building Construction	7	16.00	8.00	0.00	0.30	0.30	0.30	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	0.30	0.30	0.30	LD_Mix	HDT_Mix	HHDT

Worker	4.2000e-004	1.2000e-004	1.6600e-003	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0671	0.0671	1.0000e-005	0.0000	0.0673
Total	1.4900e-003	2.5100e-003	0.0186	0.0000	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.2727	0.2727	1.0000e-005	0.0000	0.2729

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6600e-003	0.0000	1.6600e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.2680	0.1945	3.1000e-004		9.0400e-003	9.0400e-003		9.0400e-003	9.0400e-003	0.0000	28.4522	28.4522	7.2100e-003	0.0000	28.6036
Total	0.0112	0.2680	0.1945	3.1000e-004	1.6600e-003	9.0400e-003	0.0107	1.3000e-004	9.0400e-003	9.1700e-003	0.0000	28.4522	28.4522	7.2100e-003	0.0000	28.6036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0700e-003	2.3900e-003	0.0169	0.0000	2.0000e-005	1.0000e-005	3.0000e-005	1.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.2056	0.2056	0.0000	0.0000	0.2057
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	1.2000e-004	1.6600e-003	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0671	0.0671	1.0000e-005	0.0000	0.0673
Total	1.4900e-003	2.5100e-003	0.0186	0.0000	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.2727	0.2727	1.0000e-005	0.0000	0.2729

3.3 Site Preparation - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.4300e-003	0.0000	8.4300e-003	4.4000e-003	0.0000	4.4000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8000e-003	0.0403	0.0255	3.0000e-005		2.2000e-003	2.2000e-003		2.0200e-003	2.0200e-003	0.0000	2.4518	2.4518	7.3000e-004	0.0000	2.4671
Total	3.8000e-003	0.0403	0.0255	3.0000e-005	8.4300e-003	2.2000e-003	0.0106	4.4000e-003	2.0200e-003	6.4200e-003	0.0000	2.4518	2.4518	7.3000e-004	0.0000	2.4671

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	1.0000e-005	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4.9600e-003	4.9600e-003	0.0000	0.0000	4.9700e-003
Total	3.0000e-005	1.0000e-005	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4.9600e-003	4.9600e-003	0.0000	0.0000	4.9700e-003

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Fugitive Dust					3.8000e-003	0.0000	3.8000e-003	9.9000e-004	0.0000	9.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.6000e-004	0.0222	0.0166	3.0000e-005		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	2.4518	2.4518	7.3000e-004	0.0000	2.4671
Total	8.6000e-004	0.0222	0.0166	3.0000e-005	3.8000e-003	6.3000e-004	4.4300e-003	9.9000e-004	6.3000e-004	1.6200e-003	0.0000	2.4518	2.4518	7.3000e-004	0.0000	2.4671

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	1.0000e-005	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4.9600e-003	4.9600e-003	0.0000	0.0000	4.9700e-003
Total	3.0000e-005	1.0000e-005	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4.9600e-003	4.9600e-003	0.0000	0.0000	4.9700e-003

3.4 Grading - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0127	0.0000	0.0127	6.3900e-003	0.0000	6.3900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1700e-003	0.0549	0.0352	4.0000e-005		2.9900e-003	2.9900e-003		2.7500e-003	2.7500e-003	0.0000	3.3561	3.3561	1.0000e-003	0.0000	3.3772
Total	5.1700e-003	0.0549	0.0352	4.0000e-005	0.0127	2.9900e-003	0.0157	6.3900e-003	2.7500e-003	9.1400e-003	0.0000	3.3561	3.3561	1.0000e-003	0.0000	3.3772

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.5300e-003	0.0213	0.1509	2.0000e-005	1.9000e-004	1.2000e-004	3.1000e-004	5.0000e-005	1.1000e-004	1.6000e-004	0.0000	1.8372	1.8372	4.0000e-005	0.0000	1.8381
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	1.0000e-005	2.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	8.2600e-003	8.2600e-003	0.0000	0.0000	8.2800e-003
Total	9.5800e-003	0.0213	0.1511	2.0000e-005	1.9000e-004	1.2000e-004	3.1000e-004	5.0000e-005	1.1000e-004	1.6000e-004	0.0000	1.8454	1.8454	4.0000e-005	0.0000	1.8464

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.7300e-003	0.0000	5.7300e-003	1.4400e-003	0.0000	1.4400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1700e-003	0.0304	0.0226	4.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	3.3561	3.3561	1.0000e-003	0.0000	3.3772
Total	1.1700e-003	0.0304	0.0226	4.0000e-005	5.7300e-003	8.6000e-004	6.5900e-003	1.4400e-003	8.6000e-004	2.3000e-003	0.0000	3.3561	3.3561	1.0000e-003	0.0000	3.3772

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	9.5300e-003	0.0213	0.1509	2.0000e-005	1.9000e-004	1.2000e-004	3.1000e-004	5.0000e-005	1.1000e-004	1.6000e-004	0.0000	1.8372	1.8372	4.0000e-005	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	1.0000e-005	2.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	8.2600e-003	8.2600e-003	0.0000	0.0000	8.2800e-003
Total	9.5800e-003	0.0213	0.1511	2.0000e-005	1.9000e-004	1.2000e-004	3.1000e-004	5.0000e-005	1.1000e-004	1.6000e-004	0.0000	1.8454	1.8454	4.0000e-005	0.0000	1.8464

3.5 Building Construction - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2178	1.3046	0.9078	1.3300e-003		0.0899	0.0899		0.0868	0.0868	0.0000	112.8223	112.8223	0.0260	0.0000	113.3688
Total	0.2178	1.3046	0.9078	1.3300e-003		0.0899	0.0899		0.0868	0.0868	0.0000	112.8223	112.8223	0.0260	0.0000	113.3688

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8000e-003	0.0132	0.0688	1.0000e-005	1.4000e-004	8.0000e-005	2.2000e-004	4.0000e-005	7.0000e-005	1.1000e-004	0.0000	1.1574	1.1574	2.0000e-005	0.0000	1.1578
Worker	2.4800e-003	7.1000e-004	9.8800e-003	1.0000e-005	2.2000e-004	1.0000e-005	2.3000e-004	6.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.3998	0.3998	5.0000e-005	0.0000	0.4007

Total	7.2800e-003	0.0140	0.0787	2.0000e-005	3.6000e-004	9.0000e-005	4.5000e-004	1.0000e-004	8.0000e-005	1.8000e-004	0.0000	1.5571	1.5571	7.0000e-005	0.0000	1.5585
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1451	1.0756	0.9093	1.3300e-003		0.0541	0.0541		0.0541	0.0541	0.0000	112.8222	112.8222	0.0260	0.0000	113.3686
Total	0.1451	1.0756	0.9093	1.3300e-003		0.0541	0.0541		0.0541	0.0541	0.0000	112.8222	112.8222	0.0260	0.0000	113.3686

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8000e-003	0.0132	0.0688	1.0000e-005	1.4000e-004	8.0000e-005	2.2000e-004	4.0000e-005	7.0000e-005	1.1000e-004	0.0000	1.1574	1.1574	2.0000e-005	0.0000	1.1578
Worker	2.4800e-003	7.1000e-004	9.8800e-003	1.0000e-005	2.2000e-004	1.0000e-005	2.3000e-004	6.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.3998	0.3998	5.0000e-005	0.0000	0.4007
Total	7.2800e-003	0.0140	0.0787	2.0000e-005	3.6000e-004	9.0000e-005	4.5000e-004	1.0000e-004	8.0000e-005	1.8000e-004	0.0000	1.5571	1.5571	7.0000e-005	0.0000	1.5585

3.5 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2123	1.3252	0.9486	1.4200e-003		0.0881	0.0881		0.0850	0.0850	0.0000	119.7736	119.7736	0.0263	0.0000	120.3265
Total	0.2123	1.3252	0.9486	1.4200e-003		0.0881	0.0881		0.0850	0.0850	0.0000	119.7736	119.7736	0.0263	0.0000	120.3265

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.6800e-003	0.0130	0.0698	1.0000e-005	1.5000e-004	7.0000e-005	2.1000e-004	4.0000e-005	6.0000e-005	1.0000e-004	0.0000	1.2218	1.2218	2.0000e-005	0.0000	1.2222
Worker	2.4500e-003	6.8000e-004	9.5200e-003	1.0000e-005	2.4000e-004	1.0000e-005	2.5000e-004	6.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.4126	0.4126	4.0000e-005	0.0000	0.4135
Total	7.1300e-003	0.0137	0.0793	2.0000e-005	3.9000e-004	8.0000e-005	4.6000e-004	1.0000e-004	7.0000e-005	1.7000e-004	0.0000	1.6344	1.6344	6.0000e-005	0.0000	1.6357

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Off-Road	0.1423	1.1342	0.9576	1.4200e-003		0.0548	0.0548		0.0548	0.0548	0.0000	119.7735	119.7735	0.0263	0.0000	120.3263
Total	0.1423	1.1342	0.9576	1.4200e-003		0.0548	0.0548		0.0548	0.0548	0.0000	119.7735	119.7735	0.0263	0.0000	120.3263

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.6800e-003	0.0130	0.0698	1.0000e-005	1.5000e-004	7.0000e-005	2.1000e-004	4.0000e-005	6.0000e-005	1.0000e-004	0.0000	1.2218	1.2218	2.0000e-005	0.0000	1.2222
Worker	2.4500e-003	6.8000e-004	9.5200e-003	1.0000e-005	2.4000e-004	1.0000e-005	2.5000e-004	6.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.4126	0.4126	4.0000e-005	0.0000	0.4135
Total	7.1300e-003	0.0137	0.0793	2.0000e-005	3.9000e-004	8.0000e-005	4.6000e-004	1.0000e-004	7.0000e-005	1.7000e-004	0.0000	1.6344	1.6344	6.0000e-005	0.0000	1.6357

3.6 Paving - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.3700e-003	0.0859	0.0591	9.0000e-005		5.2500e-003	5.2500e-003		4.8300e-003	4.8300e-003	0.0000	8.0693	8.0693	2.3900e-003	0.0000	8.1195
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.3700e-003	0.0859	0.0591	9.0000e-005		5.2500e-003	5.2500e-003		4.8300e-003	4.8300e-003	0.0000	8.0693	8.0693	2.3900e-003	0.0000	8.1195

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	6.0000e-005	7.8000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0338	0.0338	0.0000	0.0000	0.0339
Total	2.0000e-004	6.0000e-005	7.8000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0338	0.0338	0.0000	0.0000	0.0339

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8100e-003	0.0770	0.0646	9.0000e-005		2.7100e-003	2.7100e-003		2.7100e-003	2.7100e-003	0.0000	8.0693	8.0693	2.3900e-003	0.0000	8.1194
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.8100e-003	0.0770	0.0646	9.0000e-005		2.7100e-003	2.7100e-003		2.7100e-003	2.7100e-003	0.0000	8.0693	8.0693	2.3900e-003	0.0000	8.1194

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	6.0000e-005	7.8000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0338	0.0338	0.0000	0.0000	0.0339
Total	2.0000e-004	6.0000e-005	7.8000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0338	0.0338	0.0000	0.0000	0.0339

3.7 Architectural Coating - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1843					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4000e-003	0.0154	0.0123	2.0000e-005		1.2800e-003	1.2800e-003		1.2800e-003	1.2800e-003	0.0000	1.6596	1.6596	2.0000e-004	0.0000	1.6637
Total	0.1867	0.0154	0.0123	2.0000e-005		1.2800e-003	1.2800e-003		1.2800e-003	1.2800e-003	0.0000	1.6596	1.6596	2.0000e-004	0.0000	1.6637

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	1.0000e-005	1.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	7.8000e-003	7.8000e-003	0.0000	0.0000	7.8100e-003

Total	5.0000e-005	1.0000e-005	1.8000e-004	0.0000	7.8000e-003	7.8000e-003	0.0000	0.0000	7.8100e-003								
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1843					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.4000e-004	0.0153	0.0119	2.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	1.6596	1.6596	2.0000e-004	0.0000	1.6637
Total	0.1851	0.0153	0.0119	2.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	1.6596	1.6596	2.0000e-004	0.0000	1.6637

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	1.0000e-005	1.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	7.8000e-003	7.8000e-003	0.0000	0.0000	7.8100e-003
Total	5.0000e-005	1.0000e-005	1.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	7.8000e-003	7.8000e-003	0.0000	0.0000	7.8100e-003

4.0 Operational Detail - Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.579131	0.062714	0.176356	0.114004	0.029626	0.004163	0.015785	0.004086	0.002626	0.003692	0.006605	0.000229	0.000983

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	78.4884	78.4884	6.5200e-003	1.3500e-003	79.0439

NaturalGas Unmitigated	3.8300e-003	0.0348	0.0292	2.1000e-004	2.6500e-003	2.6500e-003	2.6500e-003	2.6500e-003	0.0000	37.8963	37.8963	7.3000e-004	6.9000e-004	38.1269
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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	710150	3.8300e-003	0.0348	0.0292	2.1000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	37.8963	37.8963	7.3000e-004	6.9000e-004	38.1269
Total		3.8300e-003	0.0348	0.0292	2.1000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	37.8963	37.8963	7.3000e-004	6.9000e-004	38.1269

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Government Office Building	485800	76.8731	6.3900e-003	1.3200e-003	77.4172
Parking Lot	10208	1.6153	1.3000e-004	3.0000e-005	1.6268
Total		78.4884	6.5200e-003	1.3500e-003	79.0439

6.0 Area Detail

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Unmitigated	0.2005	1.0000e-005	6.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1400e-003	1.1400e-003	0.0000	0.0000	1.2100e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0184					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1820					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.0000e-005	1.0000e-005	6.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1400e-003	1.1400e-003	0.0000	0.0000	1.2100e-003
Total	0.2005	1.0000e-005	6.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1400e-003	1.1400e-003	0.0000	0.0000	1.2100e-003

7.0 Water Detail

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Unmitigated	10.5196	0.2273	5.4900e-003	16.9948

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Government Office Building	6.95309 / 4.26157	10.5196	0.2273	5.4900e-003	16.9948
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		10.5196	0.2273	5.4900e-003	16.9948

8.0 Waste Detail

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Unmitigated	6.6074	0.3905	0.0000	14.8075

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Government Office Building	32.55	6.6074	0.3905	0.0000	14.8075

Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		6.6074	0.3905	0.0000	14.8075

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Vegetation

Attachment 3: Construction Risk Modeling Emissions and Risk Calculations

San Mateo County EMC, Redwood City, CA

DPM Construction Emissions and Modeling Emission Rates

Construction Year	Activity	DPM (ton/year)	Source Type	No. Sources	DPM Emissions			Emissions per Point Source
					(lb/yr)	(lb/hr)	(g/s)	(g/s)
2015 - 2016	Construction	0.2048	Point	132	409.6	0.12469	1.57E-02	1.19E-04

DPM Construction Emissions and Modeling Emission Rates - With Mitigation

Construction Year	Activity	DPM (ton/year)	Source Type	No. Sources	DPM Emissions			Emissions per Point Source
					(lb/yr)	(lb/hr)	(g/s)	(g/s)
2015-2016	Construction	0.1230	Point	132	246.0	0.07489	9.44E-03	7.15E-05

Notes:

Emissions assumed to be evenly distributed over each construction areas

hr/day = 9 (7am - 4pm)
 days/yr = 365
 hours/year = 3285

PM2.5 Fugitive Dust Construction Emissions for Modeling

Construction Year	Activity	Area Source	PM2.5 Emissions				Modeled Area (m ²)	PM2.5 Emission Rate g/s/m ²
			(ton/year)	(lb/yr)	(lb/hr)	(g/s)		
2015-2016	Construction	CON_FUG	0.0116	23.2	0.00706	8.90E-04	4,791	1.86E-07

PM2.5 Fugitive Dust Construction Emissions for Modeling - With Mitigation

Construction Year	Activity	Area Source	PM2.5 Emissions				Modeled Area (m ²)	PM2.5 Emission Rate g/s/m ²
			(ton/year)	(lb/yr)	(lb/hr)	(g/s)		
2015-2016	Construction	CON_FUG	0.00284	5.7	0.00173	2.18E-04	4,791	4.55E-08

Notes:

Emissions assumed to be evenly distributed over each construction areas

hr/day = 9 (7am - 4pm)
 days/yr = 365
 hours/year = 3285

San Mateo County EMC, Redwood City, CA
 Source Parameters for Point Sources Used in Construction DPM Modeling

Source	Stack Height (ft)	Stack Diam (in)	Exhaust Temp (F)	Volume Flow (acfm)	Velocity (ft/min)	Velocity (ft/sec)
Construction Equipment	9.0	2.5	918	632	18540	309.0

San Mateo County EMC, Redwood City, CA - Construction Health Impact Summary

Construction Health Impact Summary - Residential Receptors

Construction Year	UNMITIGATED					
	Maximum Concentrations		Cancer Risk (per million)		Hazard Index (-)	Maximum Annual PM2.5 Concentration (µg/m ³)
	Exhaust PM2.5/DPM (µg/m ³)	Fugitive PM2.5 (µg/m ³)	Child	Adult		
	2015 - 2016	0.1501	0.0274	13.1	0.7	0.030
Maximum Annual	0.1501	0.0274	-	-	0.030	0.177

Construction Health Impact Summary - Residential Receptors

Construction Year	MITIGATED					
	Maximum Concentrations		Cancer Risk (per million)		Hazard Index (-)	Maximum Annual PM2.5 Concentration (µg/m ³)
	Exhaust PM2.5/DPM (µg/m ³)	Fugitive PM2.5 (µg/m ³)	Child	Adult		
	2015 - 2016	0.0901	0.0067	7.9	0.4	0.018
Maximum Annual	0.0901	0.0067	-	-	0.018	0.097

Maximum Impacts for Marin Day School Child Receptors

Construction Year	UNMITIGATED					
	Maximum Concentrations		Cancer Risk (per million)		Hazard Index (-)	Maximum Annual PM2.5 Concentration (µg/m ³)
	Exhaust PM2.5/DPM (µg/m ³)	Fugitive PM2.5 (µg/m ³)	Child	Adult		
	2015 - 2016	0.1111	0.0314	9.7	-	0.022
Maximum Annual	0.1111	0.0314	-	-	0.022	0.143
Construction Year	MITIGATED					
	Maximum Concentrations		Cancer Risk (per million)		Hazard Index (-)	Maximum Annual PM2.5 Concentration (µg/m ³)
	Exhaust PM2.5/DPM (µg/m ³)	Fugitive PM2.5 (µg/m ³)	Child	Adult		
	2015 - 2016	0.0667	0.0077	5.8	-	0.013
Maximum Annual	0.0667	0.0077	-	-	0.013	0.074

**San Mateo County EMC, Redwood City, CA - Unmitigated Emissions
 Maximum DPM Cancer Risk Calculations From Construction
 Off-Site Residential Receptor Locations - 1.5 meters**

Cancer Risk (per million) = CPF x Inhalation Dose x 1.0E6

Where: CPF = Cancer potency factor (mg/kg-day)⁻¹

Inhalation Dose = C_{air} x DBR x A x EF x ED x 10⁻⁶ / AT

Where: C_{air} = concentration in air (µg/m³)

DBR = daily breathing rate (L/kg body weight-day)

A = Inhalation absorption factor

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

AT = Averaging time period over which exposure is averaged.

10⁻⁶ = Conversion factor

Values

Parameter	Child	Adult
CPF =	1.10E+00	1.10E+00
DBR =	581	302
A =	1	1
EF =	350	350
AT =	25,550	25,550

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Exposure Year	Exposure Duration (years)	Child - Exposure Information			Child Cancer Risk (per million)	Adult - Exposure Information			Adult Cancer Risk (per million)	Fugitive PM2.5	Total PM2.5
		DPM Conc (ug/m3)		Exposure Adjust Factor		Modeled DPM Conc (ug/m3)		Exposure Adjust Factor			
		Year	Annual			Year	Annual				
		Year	Annual	Year		Annual	Year	Annual			
1	1	2015-2016	0.1402	10	12.27	2015-2016	0.1402	1	0.64		
2	1		0.0000	10	0.00		0.0000	1	0.00		
3	1		0.0000	4.75	0.00		0.0000	1	0.00		
4	1		0.0000	3	0.00		0.0000	1	0.00		
5	1		0.0000	3	0.00		0.0000	1	0.00		
6	1		0.0000	3	0.00		0.0000	1	0.00		
7	1		0.0000	3	0.00		0.0000	1	0.00		
8	1		0.0000	3	0.00		0.0000	1	0.00		
9	1		0.0000	3	0.00		0.0000	1	0.00		
10	1		0.0000	3	0.00		0.0000	1	0.00		
11	1		0.0000	3	0.00		0.0000	1	0.00		
12	1		0.0000	3	0.00		0.0000	1	0.00		
13	1		0.0000	3	0.00		0.0000	1	0.00		
14	1		0.0000	3	0.00		0.0000	1	0.00		
15	1		0.0000	3	0.00		0.0000	1	0.00		
16	1		0.0000	3	0.00		0.0000	1	0.00		
17	1		0.0000	1.5	0.00		0.0000	1	0.00		
18	1		0.0000	1	0.00		0.0000	1	0.00		
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65	1		0.0000	1	0.00		0.0000	1	0.00		
66	1		0.0000	1	0.00		0.0000	1	0.00		
67	1		0.0000	1	0.00		0.0000	1	0.00		
68	1		0.0000	1	0.00		0.0000	1	0.00		
69	1		0.0000	1	0.00		0.0000	1	0.00		
70	1		0.0000	1	0.00		0.0000	1	0.00		
Total Increased Cancer Risk					12.27				0.64		

**San Mateo County EMC, Redwood City, CA - Unmitigated Emissions
Maximum DPM Cancer Risk Calculations From Construction
Off-Site Residential Receptor Locations - 4.5 meters**

Cancer Risk (per million) = CPF x Inhalation Dose x 1.0E6

Where: CPF = Cancer potency factor (mg/kg-day)⁻¹

Inhalation Dose = C_{air} x DBR x A x EF x ED x 10⁻⁶ / AT

Where: C_{air} = concentration in air (µg/m³)

DBR = daily breathing rate (L/kg body weight-day)

A = Inhalation absorption factor

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

AT = Averaging time period over which exposure is averaged.

10⁻⁶ = Conversion factor

Values

Parameter	Child	Adult
CPF =	1.10E+00	1.10E+00
DBR =	581	302
A =	1	1
EF =	350	350
AT =	25,550	25,550

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Exposure Year	Exposure Duration (years)	Child - Exposure Information			Child Cancer Risk (per million)	Adult - Exposure Information			Adult Cancer Risk (per million)	Fugitive PM2.5	Total PM2.5
		DPM Conc (ug/m3)		Exposure Adjust Factor		Modeled		Exposure Adjust Factor			
		Year	Annual			Year	Annual				
		2015-2016		2015-2016							
1	1	0.1501	10	10	13.14	0.1501	1	0.68			
2	1	0.0000	10	10	0.00	0.0000	1	0.00			
3	1	0.0000	4.75	4.75	0.00	0.0000	1	0.00			
4	1	0.0000	3	3	0.00	0.0000	1	0.00			
5	1	0.0000	3	3	0.00	0.0000	1	0.00			
6	1	0.0000	3	3	0.00	0.0000	1	0.00			
7	1	0.0000	3	3	0.00	0.0000	1	0.00			
8	1	0.0000	3	3	0.00	0.0000	1	0.00			
9	1	0.0000	3	3	0.00	0.0000	1	0.00			
10	1	0.0000	3	3	0.00	0.0000	1	0.00			
11	1	0.0000	3	3	0.00	0.0000	1	0.00			
12	1	0.0000	3	3	0.00	0.0000	1	0.00			
13	1	0.0000	3	3	0.00	0.0000	1	0.00			
14	1	0.0000	3	3	0.00	0.0000	1	0.00			
15	1	0.0000	3	3	0.00	0.0000	1	0.00			
16	1	0.0000	3	3	0.00	0.0000	1	0.00			
17	1	0.0000	1.5	1.5	0.00	0.0000	1	0.00			
18	1	0.0000	1	1	0.00	0.0000	1	0.00			
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65	1	0.0000	1	1	0.00	0.0000	1	0.00			
66	1	0.0000	1	1	0.00	0.0000	1	0.00			
67	1	0.0000	1	1	0.00	0.0000	1	0.00			
68	1	0.0000	1	1	0.00	0.0000	1	0.00			
69	1	0.0000	1	1	0.00	0.0000	1	0.00			
70	1	0.0000	1	1	0.00	0.0000	1	0.00			
Total Increased Cancer Risk					13.14				0.68		

San Mateo County EMC, Redwood City, CA - Mitigated Emissions
Maximum DPM Cancer Risk Calculations From Construction
Off-Site Residential Receptor Locations - 4.5 meters

Cancer Risk (per million) = CPF x Inhalation Dose x 1.0E6

Where: CPF = Cancer potency factor (mg/kg-day)⁻¹

Inhalation Dose = C_{air} x DBR x A x EF x ED x 10⁻⁶ / AT

Where: C_{air} = concentration in air (µg/m³)

DBR = daily breathing rate (L/kg body weight-day)

A = Inhalation absorption factor

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

AT = Averaging time period over which exposure is averaged.

10⁻⁶ = Conversion factor

Values

Parameter	Child	Adult
CPF =	1.10E+00	1.10E+00
DBR =	581	302
A =	1	1
EF =	350	350
AT =	25,550	25,550

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Exposure Year	Exposure Duration (years)	Child - Exposure Information			Child Cancer Risk (per million)	Adult - Exposure Information			Adult Cancer Risk (per million)
		DPM Conc (ug/m3)		Exposure Adjust Factor		Modeled		Exposure Adjust Factor	
		Year	Annual			Year	Annual		
1	1	2015-2016	0.0901	10	7.89	2015-2016	0.0901	1	0.41
2	1		0.0000	10	0.00		0.0000	1	0.00
3	1		0.0000	4.75	0.00		0.0000	1	0.00
4	1		0.0000	3	0.00		0.0000	1	0.00
5	1		0.0000	3	0.00		0.0000	1	0.00
6	1		0.0000	3	0.00		0.0000	1	0.00
7	1		0.0000	3	0.00		0.0000	1	0.00
8	1		0.0000	3	0.00		0.0000	1	0.00
9	1		0.0000	3	0.00		0.0000	1	0.00
10	1		0.0000	3	0.00		0.0000	1	0.00
11	1		0.0000	3	0.00		0.0000	1	0.00
12	1		0.0000	3	0.00		0.0000	1	0.00
13	1		0.0000	3	0.00		0.0000	1	0.00
14	1		0.0000	3	0.00		0.0000	1	0.00
15	1		0.0000	3	0.00		0.0000	1	0.00
16	1		0.0000	3	0.00		0.0000	1	0.00
17	1		0.0000	1.5	0.00		0.0000	1	0.00
18	1		0.0000	1	0.00		0.0000	1	0.00
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65	1		0.0000	1	0.00		0.0000	1	0.00
66	1		0.0000	1	0.00		0.0000	1	0.00
67	1		0.0000	1	0.00		0.0000	1	0.00
68	1		0.0000	1	0.00		0.0000	1	0.00
69	1		0.0000	1	0.00		0.0000	1	0.00
70	1		0.0000	1	0.00		0.0000	1	0.00
Total Increased Cancer Risk					7.89				0.41

Mitigated Fugitive PM2.5 0.0067
 Total PM2.5 0.097

**San Mateo County EMC, Redwood City, CA - Unmitigated Emissions
Maximum DPM Cancer Risk Calculations From Construction
Marin Day School Receptor Locations**

Cancer Risk (per million) = CPF x Inhalation Dose x 1.0E6

Where: CPF = Cancer potency factor (mg/kg-day)⁻¹

Inhalation Dose = C_{air} x DBR x A x EF x ED x 10⁻⁶ / AT

Where: C_{air} = concentration in air (µg/m³)

DBR = daily breathing rate (L/kg body weight-day)

A = Inhalation absorption factor

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

AT = Averaging time period over which exposure is averaged.

10⁻⁶ = Conversion factor

Values

Parameter	Child	Adult
CPF =	1.10E+00	1.10E+00
DBR =	581	302
A =	1	1
EF =	350	350
AT =	25,550	25,550

Construction Cancer Risk by Year - Student Exposure

Year	Exposure Duration (years)	Student - Exposure Information		Exposure Adjust Factor*	Student Cancer Risk (per million)
		DPM Conc (ug/m3)			
		Year	Conc		
1	1	2015 - 2016	0.1111	10	9.72
2	1		0.0000	10	0.00
3	1		0.0000	4.75	0.00
4	1		0.000	3	0.00
5	1		0.000	3	0.00
6	1		0.000	3	0.00
7	1		0.000	3	0.00
8	1		0.000	3	0.00
9	1		0.000	3	0.00
10	1		0.000	3	0.00
11	1		0.000	3	0.00
12	1		0.000	3	0.00
13	1		0.000	3	0.00
14	1		0.000	3	0.00
15	1		0.000	3	0.00
16	1		0.000	3	0.00
17	1		0.000	1.5	0.00
18	1		0.000	1	0.00
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65	1		0.000	1	0.00
66	1		0.000	1	0.00
67	1		0.000	1	0.00
68	1		0.000	1	0.00
69	1		0.000	1	0.00
70	1		0.000	1	0.00
Total Increased Cancer Risk					9.7

Fugitive PM2.5 0.0314
Total PM2.5 0.143

* Assumes that students at school are younger than 16 years of age for entire construction period

**San Mateo County EMC, Redwood City, CA - Mitigated Emissions
Maximum DPM Cancer Risk Calculations From Construction
Marin Day School Receptor Locations**

Cancer Risk (per million) = CPF x Inhalation Dose x 1.0E6

Where: CPF = Cancer potency factor (mg/kg-day)⁻¹

Inhalation Dose = C_{air} x DBR x A x EF x ED x 10⁻⁶ / AT

Where: C_{air} = concentration in air (µg/m³)

DBR = daily breathing rate (L/kg body weight-day)

A = Inhalation absorption factor

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

AT = Averaging time period over which exposure is averaged.

10⁻⁶ = Conversion factor

Values

Parameter	Child	Adult
CPF =	1.10E+00	1.10E+00
DBR =	581	302
A =	1	1
EF =	350	350
AT =	25,550	25,550

Construction Cancer Risk by Year - Student Exposure

Year	Exposure Duration (years)	Student - Exposure Information		Exposure Adjust Factor*	Student Cancer Risk (per million)
		DPM Conc (ug/m3)			
		Year	Conc		
1	1	2015-2016	0.0667	10	5.84
2	1		0.0000	10	0.00
3	1		0.000	4.75	0.00
4	1		0.000	3	0.00
5	1		0.000	3	0.00
6	1		0.000	3	0.00
7	1		0.000	3	0.00
8	1		0.000	3	0.00
9	1		0.000	3	0.00
10	1		0.000	3	0.00
11	1		0.000	3	0.00
12	1		0.000	3	0.00
13	1		0.000	3	0.00
14	1		0.000	3	0.00
15	1		0.000	3	0.00
16	1		0.000	3	0.00
17	1		0.000	1.5	0.00
18	1		0.000	1	0.00
.
.
.
65	1		0.000	1	0.00
66	1		0.000	1	0.00
67	1		0.000	1	0.00
68	1		0.000	1	0.00
69	1		0.000	1	0.00
70	1		0.000	1	0.00
Total Increased Cancer Risk					5.8

Fugitive PM2.5 0.0077
Total PM2.5 0.074

* Assumes that students at school are younger than 16 years of age for entire construction period

Appendix B

Biological Resources Technical Memorandum



Memorandum

Project# # 3603-01

11 November 2014

To: Stephanie B. Davis, Circlepoint

From: Patrick Boursier, H. T. Harvey & Associates

Project: San Mateo County Emergency Management Center (EMC) Construction and Motor Pool Relocation, San Mateo County

Subject: Biological Resources Technical Memorandum

This memorandum was prepared by H. T. Harvey & Associates for the purpose of evaluating the potential biological constraints to the redevelopment of two sites owned and operated by San Mateo County in Redwood City, California. One site, 551 Winslow Street, is located in downtown Redwood City, just south of U.S. 101. The second site, located at 752 Chestnut Street, is located just east of downtown Redwood City, and is immediately west of State Route 84. Biological constraints to proposed development typically take the form of sensitive and/or regulated habitats such as wetlands; special-status species (e.g., federally or state threatened or endangered species, California species of special concern, and state fully protected species); particularly large trees; or particularly large, important, or exemplary occurrences of more common plant or animal species or vegetation communities. We conducted an initial evaluation of potential significant biological issues that might impose major constraints on the proposed project. This evaluation consisted of reviews of databases on the locations of records of special-status species, a reconnaissance survey of the project site, local knowledge of wildlife and plants in the area, and literature searches. In addition, we present an overview of some of the general issues that might impose lesser constraints on the project for informational purposes.

Project Description

Construction Activities

Site 1 is located at 551 Winslow Street, Redwood City, California and is the current site of the San Mateo County Motor Pool and Radio Shop facility. Site 2, the San Mateo County Grant Corporation Yard, is located at 752 Chestnut Street, also in Redwood City, California. Proposed Project activities at Site 1 consist of the demolition and removal of all existing buildings and vegetation, and construction of the new San Mateo County

Emergency Management Center. Demolition and removal at Site 1 will occur following the relocation of the Motor Pool to Site 2. Planned construction activity at Site 2 consists of the demolition and removal of one existing building, the survey shed, and construction of a new larger building on the same footprint, which may require construction of a new concrete pad. Construction activity at Site 2 will occur before the relocation of the Motor Pool.

Methods

To identify potential biological constraints that may need to be addressed during Project planning, CEQA review, permitting, and implementation, H. T. Harvey & Associates ecologists reviewed all relevant background information concerning biological resources in the Project area, including aerial photos and topographic maps; U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory Maps (USFWS 2014)¹ the California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDDB 2014)² data for the *Redwood Point, San Mateo, Palo Alto, and Woodside* U.S. Geological Survey 7.5-minute quadrangles; and other relevant scientific literature, technical databases, and resource agency reports in order to assess the current distribution of special-status plants and wildlife in the Project vicinity.

A reconnaissance-level field survey of the project area was conducted by H. T. Harvey & Associates wildlife ecologist Craig Fosdick, M.S., on 6 November 2014. The area investigated for biotic resources included the proposed Project footprint at both sites, as well as adjacent habitats that could potentially be affected by Project activities. The purpose of these surveys was to provide a project-specific impact assessment for development of the proposed Project as described above. Specifically, the surveys were conducted to: 1) assess existing biotic habitats at the Project sites, 2) assess the Project sites for their potential to support special-status species and their habitats, and 3) identify potential jurisdictional habitats such as waters of the U.S./State and riparian habitat.

Results

Table 1 summarizes the proposed scope of work, the vegetation communities present, the potential Project impacts on sensitive biological resources, and recommended measures to avoid or minimize those impacts for each site. Both Project sites are located entirely within a human-altered landscape that contains large amounts of paved surfaces and associated ruderal or landscaped habitats. Neither Project site supports any sensitive habitat types tracked by the CNDDDB, or any wetland habitats tracked by the National Wetlands Inventory (NWI)¹. Further, the reconnaissance survey of the site detected no habitats (wetlands or other waters) regulated by the U.S. Army Corps of Engineers or Regional Water Quality Control Board within the impact area.

¹ National Wetland Inventory Maps (USFWS). 2014. Wetlands Mapper. U.S. Fish and Wildlife Service.

² California Natural Diversity Database (CNDDDB). 2014. Rarefind. California Department of Fish and Wildlife.

Table 1. Summary of Project Activities, Existing Habitat Conditions, Potential Impacts to Special-status Species, and Avoidance and Minimization Measures.

Project Site	Proposed Scope of Work	Existing Plant Communities	Sensitive Resources Potentially Affected	Avoidance and Minimization Measures
Site 1 - San Mateo County Motor Pool and Radio Shop facility	<ul style="list-style-type: none"> • Demolish and remove all existing buildings • Remove existing vegetation • Grade for new buildings • Construction of one new building 	Urban – no natural vegetation communities	<ul style="list-style-type: none"> • Nesting birds 	<ul style="list-style-type: none"> • MBTA/ CDFW Code compliance measures
Site 2 - San Mateo County Grant Corporation Yard	<ul style="list-style-type: none"> • Demolish and remove one existing building • Grade for and construct new pad • Construct one new building 	Urban – no natural vegetation communities	<ul style="list-style-type: none"> • Nesting birds 	<ul style="list-style-type: none"> • MBTA/ CDFW Code compliance measures

Site 1 is located just east of Winslow Street in the San Mateo County Government Center complex. Both office and residential buildings are present in the surrounding areas and a school is located one block south. Existing vegetation consists of a few trees and shrubs located around the perimeter of the site, and includes primarily planted nonnative species, such as the Canary Island date palm (*Phoenix canariensis*) tree and eucalyptus (*Eucalyptus* sp.) tree, as well as a native coast redwood (*Sequoia sempervirens*) tree. Because the site is located in a dense urban matrix, the potential for Project-related impacts on special-status species is limited. For example, although the federally listed salt marsh harvest mouse (*Reithrodontomys raviventris*) and Ridgway’s rail (*Rallus obsoletus obsoletus*) have been recorded with 0.8 mile of the site, salt marsh habitat is absent from Site 1. Similarly, although the pallid bat (*Antrozous pallidus*), a California species of special concern, has been recorded within 5 miles of the site, a focused survey of the Project site found no suitable roosting habitat for bats on Site 1.

Site 2 is located just west of State Route 84, on the southeast corner of Spring Street and Chestnut Street. Residential areas are located to the west and south, and on the east side of State Route 84. Light industrial uses are located to the north. Existing vegetation includes primarily planted nonnative species such as the Canary Island date palm tree, acacia (*Acacia* sp.) tree, eucalyptus tree, firethorn (*Pyracantha* sp.), nightshade (*Solanum* sp.), rosemary (*Rosemarinus officialis*), and huckleberry (*Vaccinium* sp.), as well as two native tree species, coast redwood and California sycamore (*Platanus racemosa*). Vegetation is located primarily around the perimeter of the site, particularly near the west entrance on Chestnut Street. Similar to Site 1, because the site is located in a dense urban matrix, the potential for Project-related impacts on special-status species is limited. Further, a focused survey of the Project site found no suitable roosting habitat for bats on Site 2.

Nevertheless, proposed activities at both sites have some potential to impact non-special-status nesting birds, which may nest in shrubs, trees, or on buildings. Although impacts to these common species would not be

considered significant under CEQA nesting birds are protected by the federal Migratory Bird Treaty Act (MBTA) and California Fish and Game Code. Thus, we recommend implementing avoidance and minimization measures, including breeding season avoidance, pre-construction surveys, and nest deterrence, to ensure compliance with these regulations.

Avoidance and Minimization Measures

Migratory Bird Treaty Act Avoidance and Minimization Measures

Measure 1. Avoidance. To the extent feasible, Project activities should be scheduled to avoid the nesting season. If such activities are scheduled to take place outside the nesting season, all impacts on nesting birds protected under the MBTA and California Fish and Game Code should be avoided. The nesting season in San Mateo County extends from 1 Jan through 31 August for most raptors and 1 February through 31 August for most non-raptors.

Measure 2. Pre-construction/Pre-disturbance Surveys. If it is not possible to schedule Project activities between 1 September and 31 January, then pre-construction surveys for nesting birds should be conducted by a qualified ornithologist to ensure that no nests will be disturbed during project implementation. An initial pre-construction survey to determine the likelihood of constraints due to the presence of an active nest should be conducted 14 days prior to the onset of construction activities with a final pre-construction survey conducted no more than 48 hours prior to the initiation of project activities. During this survey, a qualified ornithologist shall inspect all potential nesting habitats (e.g., trees, shrubs, grasslands, and buildings) within 300 feet of impact areas for raptor nests and within 100 feet of impact areas for nests of non-raptors. If an active nest (i.e., a nest with eggs or young, or any completed raptor nest attended by adults) is found sufficiently close to work areas to be disturbed by these activities, the ornithologist, in consultation with the California Department of Fish and Wildlife (CDFW), will determine the extent of a disturbance-free buffer zone to be established around the nest (typically 300 feet for raptors and 100 feet for other species) to ensure that no nests of species protected by the MBTA and California Fish and Game Code will be disturbed during Project implementation.

Measure 3. Nest Deterrence. If Project activities will not be initiated until after the start of the nesting season, potential nesting substrate (e.g., bushes, trees, grasses, and other vegetation) that is scheduled to be removed by the Project may be removed prior to the start of the nesting season (e.g., prior to 1 January) to reduce the potential for initiation of nests.

Summary

In summary, the Project may impact nesting birds, which are protected by the MBTA and California Fish and Game Code. No significant impacts under CEQA are expected because no sensitive habitats or special-status species occur on or near the Project sites. Adherence to the Avoidance and Mitigation Measures described above should minimize any impacts on nesting birds.

Appendix C

CHRIS Records Search

CALIFORNIA
HISTORICAL
RESOURCES
INFORMATION
SYSTEM



ALAMEDA
COLUSA
CONTRA COSTA
DEL NORTE

HUMBOLDT
LAKE
MARIN
MENDOCINO
MONTEREY
NAPA
SAN BENITO

SAN FRANCISCO
SAN MATEO
SANTA CLATA
SANTA CRUZ
SOLANO
SONOMA
YOLO

Northwest Information Center
Sonoma State University
150 Professional Center Drive, Suite E
Rohnert Park, California 94928-3609
Tel: 707.588.8455
nwic@sonoma.edu
<http://www.sonoma.edu/nwic>

October 29th, 2014

NWIC File No.: 14-0515

Stephanie Davis
Circlepoint
1814 Franklin Street, Suite 1000
Oakland, CA 94612

Re: Record search results for the proposed New EMC Building and Motorpool Relocation project

Dear Ms. Davis,

Per your request received by our office on October 20th, 2014, a records search was conducted for the above referenced project by reviewing pertinent Northwest Information Center (NWIC) base maps that reference cultural resources records and reports, historic-period maps, and literature for San Mateo County. Please note that use of the term cultural resources includes both archaeological resources and historical buildings and/or structures.

Review of this information indicates that there have been no cultural resource studies within project area 1 and four cultural resource studies that covered approximately 10% of project area 2 (Banet 1990, S-11881; Banet 1990, S-12292; Bakic 1999, S-22478; Kaptain 2009, S-38063). Both project areas contain no recorded archaeological resources. The State Office of Historic Preservation Historic Property Directory (OHP HPD) (which includes listings of the California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and the National Register of Historic Places) lists no recorded buildings or structures within either proposed project area. In addition to these inventories, the NWIC base maps show no recorded buildings or structures within the proposed project areas.

At the time of Euroamerican contact the Native Americans that lived in the area were speakers of the Ramaytush language, part of the Costanoan language family (Levy 1978:485). There are no Native American resources in or adjacent to the proposed project areas referenced in the ethnographic literature.

Based on an evaluation of the environmental setting and features associated with known sites, Native American resources in this part of San Mateo County have been found marginal to San Francisco Bay and associated wetlands, near seasonal and

perennial waterways and within Holocene age landforms. Both project areas are marginal to the Bay, less than one-half mile from Redwood Creek, and within Holocene age alluvial fan deposits. Given the similarity of one or more of these environmental factors, there is a high potential of identifying unrecorded Native American resources in the proposed New EMC Building and Motorpool Relocation project areas.

Review of historical literature and maps gave no indication that historic-period archaeological resources will be within the New EMC Building and Motorpool Relocation project areas. With this in mind, there is a low potential of identifying unrecorded historic-period archaeological resources in the proposed New EMC Building and Motorpool Relocation project areas.

The 1943 Palo Alto USGS 15-minute topographic quadrangle depicts a 'built-up area' within both project areas. These unrecorded buildings/structures may meet the Office of Historic Preservation's minimum age standard that buildings, structures, and objects 45 years or older may be of historical value.

RECOMMENDATIONS:

1) There is a high potential of identifying Native American archaeological resources and a low potential of identifying historic-period archaeological resources in both project areas. 10% of project area 2 has been previously surveyed. Therefore, we recommend a qualified archaeologist conduct further archival and field study to identify cultural resources in project area 1 and the unsurveyed portions of project area 2. Field study may include, but is not limited to, pedestrian survey, hand auger sampling, shovel test units, or geoarchaeological analyses as well as other common methods used to identify the presence of archaeological resources. Please refer to the list of consultants who meet the Secretary of Interior's Standards at <http://www.chrisinfo.org>.

2) We recommend you contact the local Native American tribe(s) regarding traditional, cultural, and religious heritage values. For a complete listing of tribes in the vicinity of the project, please contact the Native American Heritage Commission at 916/373-3710.

3) The proposed project area may contain unrecorded buildings or structures. If the proposed project area contains buildings or structures that meet the minimum age requirement, prior to commencement of project activities, it is recommended that this resource be assessed by a professional familiar with the architecture and history of San Mateo County. Please refer to the list of consultants who meet the Secretary of Interior's Standards at <http://www.chrisinfo.org>.

4) Review for possible historic-period buildings or structures has included only those sources listed in the attached bibliography and should not be considered comprehensive.

5) If archaeological resources are encountered **during construction**, work should be temporarily halted in the vicinity of the discovered materials and workers should avoid altering the materials and their context until a qualified professional archaeologist has evaluated the situation and provided appropriate recommendations. Project personnel should not collect cultural resources. Native American resources include chert or obsidian flakes, projectile points, mortars, and pestles; and dark friable soil containing shell and bone dietary debris, heat-affected rock, or human burials. Historic-period resources include stone or adobe foundations or walls; structures and remains with square nails; and refuse deposits or bottle dumps, often located in old wells or privies.

6) It is recommended that any identified cultural resources be recorded on DPR 523 historic resource recordation forms, available online from the Office of Historic Preservation's website: http://ohp.parks.ca.gov/default.asp?page_id=1069

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the California Historical Resources Information System (CHRIS) Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

The California Office of Historic Preservation (OHP) contracts with the California Historical Resources Information System's (CHRIS) regional Information Centers (ICs) to maintain information in the CHRIS inventory and make it available to local, state, and federal agencies, cultural resource professionals, Native American tribes, researchers, and the public. Recommendations made by IC coordinators or their staff regarding the interpretation and application of this information are advisory only. Such recommendations do not necessarily represent the evaluation or opinion of the State Historic Preservation Officer in carrying out the OHP's regulatory authority under federal and state law.

Thank you for using our services. Please contact this office if you have any questions, (707) 588-8455.

Sincerely,

A handwritten signature in cursive script that reads "Lacey Klopp". The signature is written in black ink and is positioned above the printed name.

Lacey Klopp
Researcher

LITERATURE REVIEWED

In addition to archaeological maps and site records on file at the Northwest Information Center of the Historical Resources Information System, the following literature was reviewed:

Bowman, J.N.

1951 *Adobe Houses in the San Francisco Bay Region*. In Geologic Guidebook of the San Francisco Bay Counties, Bulletin 154. California Division of Mines, Ferry Building, San Francisco, CA.

Brabb, Earl E., Fred A. Taylor, and George P. Miller

1982 *Geologic, Scenic, and Historic Points of Interest in San Mateo County, California*. Miscellaneous Investigations Series, Map I-1257-B, 1:62,500. Department of the Interior, United States Geological Survey, Washington, D.C.

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1980 *Coastside Cultural Resources*. Planning Division, San Mateo County, Redwood City, CA.

Fickewirth, Alvin A.

1992 *California Railroads*. Golden West Books, San Marino, CA.

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1912 Survey Plat for Township 5 South/Range 3 West.

Gudde, Erwin G.

1969 *California Place Names: The Origin and Etymology of Current Geographical Names*. Third Edition. University of California Press, Berkeley and Los Angeles.

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Hart, James D.

1987 *A Companion to California*. University of California Press, Berkeley and Los Angeles.

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1974 *Local History Studies*, Vol. 18., "The Costanoan Indians." California History Center, DeAnza College, Cupertino, CA.

Helley, E.J., K.R. Lajoie, W.E. Spangle, and M.L. Blair

1979 *Flatland Deposits of the San Francisco Bay Region - Their Geology and Engineering Properties, and Their Importance to Comprehensive Planning*. Geological Survey Professional Paper 943. United States Geological Survey and Department of Housing and Urban Development.

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1990 *Historic Spots in California*. Fourth Edition. Stanford University Press, Stanford, CA.

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2005 *Caltrans Statewide Historic Bridge Inventory Update*. Caltrans, Division of Environmental Analysis, Sacramento, CA.

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Kroeber, A.L.

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Levy, Richard

1978 Costanoan. In *California*, edited by Robert F. Heizer, pp. 485-495. Handbook of North American Indians, vol. 8, William C. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.

Milliken, Randall

1995 *A Time of Little Choice: The Disintegration of Tribal Culture in the San Francisco Bay Area 1769-1810*. Ballena Press Anthropological Papers No. 43, Menlo Park, CA.

Myers, William A. (editor)

1977 *Historic Civil Engineering Landmarks of San Francisco and Northern California*. Prepared by The History and Heritage Committee, San Francisco Section, American Society of Civil Engineers. Pacific Gas and Electric Company, San Francisco, CA.

Nelson, N.C.

1909 *Shellmounds of the San Francisco Bay Region*. University of California Publications in American Archaeology and Ethnology 7(4):309-356. Berkeley. (Reprint by Kraus Reprint Corporation, New York, 1964)

Nichols, Donald R., and Nancy A. Wright

1971 Preliminary Map of Historic Margins of Marshland, San Francisco Bay, California. U.S. Geological Survey Open File Map. U.S. Department of the Interior, Geological Survey in cooperation with the U.S. Department of Housing and Urban Development, Washington, D.C.

Postel, Mitchell P.

1994 *San Mateo, A Centennial History*. Scottwall Associates, San Francisco, CA.

Roberts, George, and Jan Roberts

1988 *Discover Historic California*. Gem Guides Book Co., Pico Rivera, CA.

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1984 *San Mateo County: Its History and Heritage*. Second Edition. Division of Planning and Development Department of Environmental Management.

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n.d. "Historical and Archaeological Resources, Section 5" from the *San Mateo County General Plan*.

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Woodbridge, Sally B.

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Works Progress Administration

1984 *The WPA Guide to California*. Reprint by Pantheon Books, New York. (Originally published as *California: A Guide to the Golden State in 1939* by Books, Inc., distributed by Hastings House Publishers, New York.)

Yamada, Gayle K. and Dianne Fukami

2003 *Building a Community: The Story of Japanese Americans in San Mateo County*. AACP, Inc., San Mateo, CA.

**Note that the Office of Historic Preservation's *Historic Properties Directory* includes National Register, State Registered Landmarks, California Points of Historical Interest, and the California Register of Historical Resources as well as Certified Local Government surveys that have undergone Section 106 review.

Appendix D

Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Motor Pool Project
(Grant Yard)
752 Chestnut Street
Redwood City, CA**



November 12, 2014

TRC Project No: 218791

Prepared For:

San Mateo County Environmental
Consulting Services
555 County Center, fifth floor
Redwood City, California, 94063

Prepared By:

TRC Solutions
101 2nd St. Suite 300
San Francisco, CA 94105
T: (415)-644-3000
F: (415)-541-9378

A handwritten signature in blue ink, appearing to read "Dharme Rathnayake".

Dharme Rathnayake
Principal Engineer
TRC Environmental Professional

A handwritten signature in blue ink, appearing to read "Lauren N. Kohli".

Lauren Kohli
Project Manager/Environmental Planner



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EXECUTIVE SUMMARY

Subject to the qualifications and limitations stated in Section 1 of this report, TRC Environmental Solutions, Inc. (TRC) was retained by San Mateo County Environmental Consulting Services (San Mateo County) (also known as “Client” or “User”) to perform a Phase I Environmental Site Assessment (ESA) of the Motor Pool Project site located at 752 Chestnut Street in Redwood City, San Mateo County, California (herein referred to as the “Site”). TRC’s assessment was conducted in connection with the Client’s planned redevelopment of the Site. The Phase I ESA described in this report was performed in accordance with the scope and limitations of the American Society of Testing and Materials Practice E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-13). Limiting conditions and/or deviations from the ASTM E 1527-13 standard are described in Sections 1.3 and 7.7 of this report.

The site is currently owned and operated by the County of San Mateo as an equipment maintenance and storage area, with refuse dumping and refueling capabilities.

As a result of the Phase I ESA, including but not limited to our visual observation of the Site; review of historical information, environmental databases, and information provided by the User; interviews with current Site representative(s); and TRC’s professional judgment, the following *recognized environmental conditions* (RECs) and/or *controlled recognized environmental conditions* (CRECs) associated with the Site, as defined by the ASTM E 1527-13 standard were identified:

Recognized Environmental Conditions (RECs)

REC No. 1: Unknown status of the previously described 500-gallon used-oil tank and 6,000-gallon UST installed at the Site in 1951 (see Section 4.4.5). No records found indicated removal; however, no previous investigations encountered these USTs. Additionally, a subsurface utility survey performed at the site found no anomalies that would indicate the presence of these USTs. It is anticipated that if these tanks are present on the Site, they would be located near the former USTs discussed as an HREC. The location of the former USTs is positioned at the northernmost portion of the Site, downgradient from the remainder of the Site; thus, the unknown status of the 500-gallon and 6,000-gallon USTs is not anticipated to affect the Site under existing conditions. However, if new utility corridors are constructed in and around this Site, the unknown status of these historic tanks should be considered prior to excavation.

This Executive Summary is part of this complete report; any findings, opinions or conclusions in this Executive Summary are made in context with the complete report. TRC recommends that the User read the entire report for all supporting information related to findings, opinions and conclusions.

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1.0 INTRODUCTION

TRC Solutions, Inc. (TRC) has prepared this Phase I Environmental Site Assessment (ESA) for San Mateo County (hereinafter “Client” or “User”).

This report was prepared for and may be relied upon by Client for the purposes set forth herein; it may not be relied on by any party other than the Client and reliance may not be assigned without the express approval of TRC. Authorization for third party reliance on this report will be considered by TRC if requested by the Client. TRC reserves the right to deny reliance on this report by third parties.

1.1 Purpose and Scope of Services

The following Phase I ESA was performed for the property located at 752 Chestnut Street, Redwood City, California (hereinafter the “Site”). A Site location map is included as **Figure 1**. This Phase I ESA has been prepared by TRC in accordance with the American Society for Testing and Materials E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-13) and is intended for the sole use of use of the client as per signed proposal on September 16, 2014.

The purpose of this assessment is to identify *Recognized Environmental Conditions* (RECs) at the Site, as defined by the ASTM E 1527-13 standard. The completion of this Phase I ESA report may be used to satisfy one of the requirements for the User to qualify for the *innocent landowner, contiguous property owner, or bona fide prospective purchaser* limitations pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), thereby constituting *all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial or customary practice* as defined by 42 U.S.C. §9601(35)(B) of CERCLA.

TRC understands that this assessment is not funded with a federal grant awarded under the United States Environmental Protection Agency (U.S. EPA) Brownfields Assessment and Characterization program.

The Scope of Services for this Phase I ESA included the following tasks:

- Site and vicinity reconnaissance;
- Site and vicinity description and physical setting;
- Historical source review and description of historical Site conditions;
- Interviews with owners, operators, and/or occupants of the Site, and/or local officials;
- Review of environmental databases and regulatory agency records;
- Review of previous environmental reports/documentation, as applicable;
- Review of environmental liens, if provided or authorized to obtain by the User; and
- Preparation of a report summarizing findings, opinions and conclusions.

Pursuant to the ASTM E 1527-13 standard, recommendations to conduct Phase II sampling or other assessment activities are not required to be included in this report. TRC can provide such recommendations upon request.

1.2 Additional Services

Items outside the scope of the ASTM E 1527-13 standard include, but are not limited to, the following:

- Asbestos-containing building materials
- Radon
- Lead-based paint
- Lead in drinking water
- Wetlands
- Regulatory compliance
- Cultural and historic resources
- Industrial hygiene
- Health and safety
- Ecological resources
- Endangered species
- Indoor air quality unrelated to *releases of hazardous substances or petroleum products* into the environment
- Biological agents
- Mold

No additional services were performed outside the scope of the ASTM E 1527-13 standard.

1.3 Deviations to ASTM E 1527-13 Standard

Notwithstanding additions to the ASTM E 1527-13 standard, as listed in Sections 1.2 and 9, if applicable, no significant deviations or deletions to the ASTM standard were made during this Phase I ESA.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The approximately 3.4-acre Site is located at 752 Chestnut Street, Redwood City, San Mateo County, California, in an industrial area. The Site is described by the San Mateo County tax assessor as being located within assessor parcel number (APN) 054-063-180, is zoned as Industrial, and is currently owned by San Mateo County. A Site location map is included as **Figure 1**. The Site is known as both the Motor Pool (name provided by San Mateo County in initial request) and Grant Yard (as reflected in the permits reviewed for the Site).

2.2 Site Improvements

Current on-site improvements are listed in the following table. A Site layout plan is included as **Figure 2**.

Table 2.1 - Site Improvements

Site Feature	Description
Buildings (stories)	One single-story building located along the southern boundary of the Site, one single-story building located in the southeast corner, one single-story building in the northeast corner, one single-story building along the northern boundary of the Site
Other structure(s)	One covered storage area in the east, one covered fueling bay in the center, one enclosed storage shed in the northeast corner, and one covered wash/recycling bay structure along the northern boundary of the Site
Construction date(s)	Single-story building located along the southern boundary: between approximately 1943 and 1948 Single-story building located in the southeast corner: between approximately 1998 and 2005 Single-story building in the northeast corner: Between approximately 1982 and 1994 Single-story building along the northern boundary: Between approximately 1991 and 1998
Exterior areas	Asphalt/Concrete paved
On-site roads/rail lines	N/A
Other large equipment	Large machinery on mobile trailers throughout the site
Potable water supply	Municipal, Redwood City
Sewage disposal system(s)	Municipal, Redwood City
Back-up fuel source(s)	N/A
Electricity supplier(s)	Pacific Gas and Electric Company
Storm water system	Municipal, Redwood City sanitary/storm water sewer system

2.3 Current and Historical Site Use

2.3.1 Current Site Use(s)

The approximately 3.4-acre Site is currently operated by the County of San Mateo as a maintenance and storage facility.

2.3.2 Previous Owner and Operator Information

Based on information provided by the User (Section 3), the historical record review (Section 4), and/or interviews conducted during this Phase I (Section 6), historical Site ownership and operator information is provided in the tables below.

Table 2.2 - Previous Owner Information

Site Owner	From	To
County of San Mateo	Approx. 1958	Present
California Body and Trailer Manufacturers	Approx. 1948	Approx. 1958

Table 2.3 - Previous Operator Information

Site Operator	Description	From	To
County of San Mateo	Storage and maintenance	Approx. 1958	Present
California Body and Trailer Manufacturers	Manufacturing	Approx. 1948	Approx. 1958

2.4 Physical Setting

According to the United States Geological Survey (USGS) topographic map, Palo Alto, California quadrangle dated 1997 (**Figure 1**), the Site is located approximately 0.35 mile from Redwood Creek, a tributary to the San Francisco Bay. The Site topographic elevation is approximately 14 feet above mean sea level (MSL), and local topography slopes to the north-northeast. The topographic downward slope observed at the Site during the Site reconnaissance is generally towards the north/northeast. Based on local topography and historical environmental reports provided to TRC, as applicable, the assumed direction of shallow ground water flow is to the north/northeast, towards Redwood Creek. However, a subsurface investigation would be required to determine actual ground water flow direction.

The database radius report supplied by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut was reviewed to obtain information regarding the dominant soil composition in the Site vicinity. This information is summarized below:

Hydric Status:	Soil does not meet the requirements for a hydric soil.
Soil Surface Texture:	Not reported
Soil Component Name:	Urban land
Deeper Soil Types:	Not reported

Please refer to the Geocheck Physical Setting Source Summary of the EDR report presented in **Appendix A** for further information regarding the soil composition in the Site vicinity. According to EDR, the Site is not located in a Federal Emergency Management Agency (FEMA) flood zone.

3.0 USER PROVIDED INFORMATION

According to the ASTM E 1527-13 standard, certain tasks that may help identify the presence of RECs associated with the Site are generally conducted by the Phase I ESA User. These tasks include: providing, or authorizing the *environmental professional* to obtain, recorded land title records for environmental liens or activity and land use limitations (AULs); providing specialized knowledge related to RECs at the Site (e.g., information about previous ownership or environmental litigation); providing commonly known or *reasonably ascertainable* information within the local community about the *property* that is material to RECs in connection with the *property*; and informing the *environmental professional* if, as believed by the User, the purchase price of the *property* is lower than the fair market value due to contamination. A list of requested information was included in TRC's signed proposal on September 16, 2014 (see Section 1.1). Information provided by the User pursuant to that request is listed in Section 8.0. A copy of the User questionnaire is included in **Appendix B**.

3.1 Title & Judicial Records for Environmental Liens or Activity and Use Limitations

In addition to reviewing the EDR report (discussed in Section 4.2), local municipal records (Section 4.4), the Regional Water Quality Control Board (RWQCB) records, and the Department of Toxic Substances Control (DTSC) records online databases (Section 4.4) were reviewed; no environmental liens were listed for the Site.

3.2 Specialized Knowledge

The User was not aware of specialized knowledge related to RECs at the Site.

3.3 Property Value Reduction Issues

The User was not aware of property valuation reduction issues regarding the Site.

3.4 Commonly Known or Reasonably Ascertainable Information

No commonly known or reasonably ascertainable information was provided to TRC by the User.

3.5 Reason for Conducting Phase I

It is TRC's understanding that the User requires a Phase I for redevelopment purposes.

4.0 RECORDS REVIEW

4.1 Historical Use Information

Information regarding Site and vicinity historical uses was obtained from various publicly available and practically reviewable sources including:

- Aerial photographs (scale: 1" = 500') dated 1943, 1948, 1958, 1968, 1974, 1982, 1991, 1998, 2005, 2009, 2010, and 2012;
- Sanborn fire insurance maps dated 1950, 1962, and 1968;
- Topographic maps dated 1899, 1902, 1943, 1947, 1948, 1953, 1961, 198, 1973, 1991, and 1997;
- City directories dated 1977, 1980, 1985, 1992, 1995, 1999, 2003, 2008, and 2013;
- Local municipal records;
- An environmental database report; and
- Interviews with Rebecca Dickinson, Construction Manager of the County of San Mateo, and John Silva, Equipment Mechanic Supervisor of the County of San Mateo, and regulatory agency official(s), as necessary.

Historical research documentation is included in **Appendix C**. Other Site information was obtained by local city and county agencies, and regional regulatory agencies. These sources are detailed in Section 4.4.

4.1.1 Site History

Operational History

1943 Aerial: The 1943 aerial photograph showed a vacant area where the Site is now located. No obvious land uses were observed.

1950 Sanborn Map and 1948 Aerial: The 1950 Sanborn map showed only one building, located in the southwestern portion of the Site. The building was constructed of corrugated iron on a steel frame, with a concrete floor and wood purlins, and appears to have been associated with the contractor storage yard, which dominated the western half of the Site. The northern portion of the Site overlapped a parcel that appears to have been used for truck body and trailer assembly, and a parcel that was used to store insurance records; however, no structures on these properties were located within the Site boundaries. The staging yard and truck assembly properties were each surrounded by a 6-foot-tall steel fence. The western portion of the Site appeared to be primarily industrial in nature, and the eastern portion appeared to be open space in the 1950 Sanborn map. Several smaller streets (that appear to be consistent with Pine, Buckeye, and Spruce) ran perpendicular to the southwestern Site boundary, and appear to have ended at the property line. In the 1948 aerial photograph, the corrugated iron building can be seen along the southwestern border of the Site. Some grading activities seemed to have occurred within the Site boundaries. Several small pieces of equipment appeared to have been stored at the Site and the remainder of the Site appeared to have been relatively vacant, which is consistent with the 1950 Sanborn map.

1962 Sanborn Map: The corrugated iron building was still present in the southwestern portion of the Site, and was noted to be used as a carpenter and sign shop, and for paint storage. The 1962 Sanborn map shows that the fence between the contractor storage yard and the truck body and trailer assembly property was removed, and the entire property was labeled “San Mateo County Road Department Grant Yard.” Conditions appeared to be generally consistent with the 1950 Sanborn map, with the western portion of the site used for industrial equipment storage and the eastern portion remaining vacant.

1968 Sanborn Map and 1968 Aerial: The corrugated iron building was still present. The 1968 Sanborn map reflects the addition of one concrete-floor building in the western portion of the Site, and a second building just overlapping the western Site boundary; both of these buildings were labeled as equipment staging areas. Two small buildings, labeled contractor storage, appeared to overlap the Site boundary in the northeast. Woodside Road appeared to have been constructed along the southeastern border of the Site by this time. Conditions appeared to be generally consistent with those in the 1962 Sanborn map, with the majority of the Site used for industrial purposes and a predominantly vacant area located in the east. The 1968 aerial photograph shows the addition of two buildings in the western portion of the Site. The corrugated iron building was still present along the southwestern Site boundary, and the Site still appeared to have stored various equipment and vehicles. The Site appeared to have been paved, and Woodside Road was seen bordering the southeastern edge of the Site, which is consistent with the 1968 Sanborn map.

1974 and 1982 Aerials: In the 1974 and 1982 aerial photographs, approximately two small buildings appeared to have been added in the southeastern portion of the site, and vehicles and equipment appeared to have been stored in this area. Other Site conditions seemed generally consistent with the 1968 aerial photograph.

1991 and 1998 Aerials: The Site conditions in the 1991 and 1998 aerial photographs seemed generally consistent with the 1974 and 1982 aerials. In the 1991 aerial photograph, a large building appeared to have been constructed and may have slightly overlapped the northern Site boundary. In the 1998 aerial photograph, a small building appeared to have been added in the northern portion of the Site.

2005, 2009, 2010, and 2012 Aerials: In the 2005 aerial photograph, a building appeared to have been located roughly in the center of the Site. Other Site conditions in the 2005, 2009, 2010, and 2012 aerial photographs appeared similar to the 1991 and 1998 aerial photographs, although an increase in the amount of vehicle and equipment storage was notable.

Topographic Maps

The approximate location of the Site can be seen beginning with the 1943 topographic map, based on street locations. However, none of the topographic maps include structures depicted on the Site. General increases in infrastructure occurred throughout the topographic map history. However, it does not appear that topographic contours in the Site area have significantly changed during the time period reviewed.

Hazardous Substances

Hazardous substances—including raw materials; finished products and formulations; hazardous wastes; hazardous constituents and pollutants including intermediates and byproducts that were historically present at the Site—are discussed below. Current hazardous substances and petroleum products observed during the Site reconnaissance—including unidentified substance containers (when open or damaged, and containing unidentified substances suspected of being hazardous or petroleum products)—are discussed in Section 5.2.

A LUST record revealed that one 500-gallon used-oil tank and one 6,000-gallon UST were installed at the Site in 1951; no available records indicate whether these tanks have been removed. In 1955, one 2,000-gallon UST and three 6,000-gallon USTs were installed at the Site; these tanks were removed on February 16, 1999. These four USTs are not indicated on the Sanborn Maps and have the potential to have impacted soil or groundwater at the site.

4.1.2 Adjoining Property History

The 1950 through 1968 Sanborn maps show that the area to the south of the Site was historically occupied by residential dwellings, apartments, and structures, with moderate increases in residential structures throughout those years. City streets have historically adjoined to the southwestern boundary of the Site.

The adjoining property to the northwest was shown on the 1948 aerial and was listed on the 1950 Sanborn map as “California Body and Trailer Manufacturers.” The 1950 Sanborn Map labeled

the property as containing a large steel-frame building used for truck body and trailer assembling, and an office. The adjoining property to the northeast was listed as the “California Pacific Title Insurance Company” record vault, and contained a fire-proof structure. The area to the west appeared to have been the continuation of the contractor storage yard, which was enclosed by a fence that bordered Chestnut Street. Open space was located east of the Site.

The 1962 Sanborn map shows that the property adjacent to the northwest had merged with the contractor storage yard, and was titled “San Mateo County Road Department Grant Yard.” Uses appeared to be largely the same (equipment staging), but the steel-frame building housed equipment repair and truck/truck parts storage as of 1962. Additionally, a compressor room and gas and oil bay appeared to have been added immediately adjacent to the Site boundary. The “California Pacific Title Insurance Company” building was still present to the northeast, and several small buildings and offices appeared to have been constructed east of this building. An increasing amount of residential dwellings appeared to have been constructed to the south.

The 1968 Sanborn map and aerial photograph appeared to show the addition of an equipment staging building west of and possibly slightly overlapping the Site boundary. Several more small buildings were apparent north of the Site boundary, east of the “California Pacific Title Insurance Company” building. Woodside Road was visible adjacent to the eastern border of the Site.

The 1991 aerial photograph showed that a large building had been constructed adjacent to the northern border of the Site in the east. No other major changes in adjacent properties were reflected in the 1991 through 2009 aerials.

4.1.3 Surrounding Property History

The 1950 through 1968 Sanborn maps depict the areas south of the Site and east of the Site, beyond Chestnut Street, as predominantly residential. The aerial photographs show that these areas have contained some residential development since 1943. Land uses north of the site appeared to be industrial since at least 1943, the year of the earliest aerial imagery available for the Site. The aerial photographs show that open space was located east of the Site—with the exception of the addition of Woodside Road sometime between 1958 and 1968—until sometime between 1968 and 1974. The 1974 aerial photograph showed an apparent increase in residential and commercial development east of Woodside Road, which grew progressively more dense until the latest aerial photograph in 2012.

4.2 Database Report & Environmental Record Review

A database search report that identifies properties listed on state and federal databases within the ASTM-required radii of the Site was obtained from EDR and is included in **Appendix A**.

The environmental database report identified 219 properties/listings, including the site, adjoining, and surrounding properties. These properties included those that could be mapped and those that could not (i.e., orphan properties). Additionally, due to poor or inadequate address information, 20 unmapped or “Orphaned” Sites were also listed.

4.2.1 Subject Site

Site information included in the database search report is summarized in the following table:

Site Facility Name(s) and/or Listed Address(es)	SMC Road/Sewer Dept; County of San Mateo DPW; Grant Yard, County of San Mateo, Public; Grant Yard, S.M.C.; San Mateo County Corp Yard
EDR Map No(s).	1 through 8
Database(s)	San Mateo Co. BI.; FINDS, HAZNET, RGA LUST, EMI, HIST UST
Database Definition(s)	<p>San Mateo Co. BI. is a county business inventory. The list includes Hazardous Materials Business Plans, hazardous waste generators, and underground storage tanks.</p> <p>FINDS contains both facility information and pointers to other sources that contain more detail.</p> <p>HAZNET refers to facility and manifest data for facilities that create hazardous waste.</p> <p>RGA LUST provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists.</p> <p>EMI contains toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.</p> <p>HIST UST is a historical listing of UST sites.</p>
Database Review Summary	<p>One of the listings was for a LUST case that was closed on May 19, 2014. One 500-gallon used-oil tank and one 6,000-gallon UST were installed at the Site in 1951; no available records indicate whether these tanks have been removed. In 1955, one 2,000-gallon UST and three 6,000-gallon USTs were installed at the Site. These tanks were removed on February 16, 1999, and were noted to be in good condition, and the LUST case was closed, as discussed further in Section 4.4.5.</p> <p>Several other listings were administrative in record, noting a UST, generation and recycling of waste oil/solvent; storing of motor vehicle fuels or waste; and storage, bulking, and/or transfer off site of laboratory waste chemicals and other organic solids. No violations were found for these listings.</p>

4.2.2 Adjoining & Surrounding Property Record Review

TRC evaluated the following factors to determine whether additional environmental records should be reviewed with respect to the potential for contaminant migration from the adjoining and surrounding properties:

- (1) Whether the property is up-gradient or down-gradient of the Site vis-à-vis **ground water migration** based on the local topography, and the assumed ground water depth and north/northwest shallow ground water flow direction;
- (2) Whether the property is up-gradient or down-gradient of the Site vis-à-vis **vapor migration** based on readily available information pursuant to the ASTM E 1527-13 standard including soil and geological characteristics; contaminant characteristics;

contaminated plume migration data; and significant conduits that might provide preferential pathways for vapor migration such as major utility corridors, sanitary sewers, storm sewers, and significant natural conduits such as Karst terrain (vapor migration may also be influenced by the age and design of infrastructure features associated with these conduits);

- (3) Property case status (i.e., whether the DTSC or RWQCB has issued a No Further Action letter or other similar closure document);
- (4) Type of database and whether the presence of contamination is known; and
- (5) The distance between the listed property and the Site.

Based on this evaluation, TRC limited the review of additional environmental records to the properties listed below, since the potential for contamination to be migrating to the Site from the other properties identified by the database search is considered low.

4.2.2.1 Surrounding Properties

Surrounding property information included in the database search report is summarized in the following table(s):

Facility Name(s) and/or Address(es)	Arco #0306, Jose R Vega, Vega Arco AM/PM, Arco Facility #306, Arco 00306, Arco Service Station #306 1700 Middlefield Road
Approximate Location Relative to Site	0.14 mile southwest
EDR Map No(s).	29 through 35
Database(s)	LUST, HIST UST, SWEEPS UST, HIST CORTESE, San Mateo Co. Bl, Notify 65
Description/ID No(s).	LUST refers to a Leaking Underground Storage Tank and is regulated by the RWQCB. HIST UST is a historical listing of UST sites. SWEEPS UST is the Statewide Environmental Evaluation and Planning System, this is a listing database for underground storage tanks (no longer updated). HIST CORTESE is a hazardous waste and substance site listing managed by the RWQCB (no longer updated). San Mateo Co. Bl. is a county business inventory. The list includes Hazardous Materials Business Plans, hazardous waste generators, and underground storage tanks. Notify 65 includes listings of all Proposition 65 incidents reported to counties by the SWRCG and RWQCB (no longer updated).
Presumed Hydrogeologic Setting	Cross-gradient

Database Review Summary	<p>An open LUST case record was found for potential gasoline contamination in groundwater. The report indicates that in November 1989, a soil gas survey was performed at and in the vicinity of the site and the soil gas survey confirmed the presence of petroleum hydrocarbon vapors in the subsurface at the site. Based on the distance and orientation of the case from the Site, and the anticipated direction of the shallow groundwater flow, it is unlikely that contamination reached the target property.</p> <p>Other Site records found were administrative in nature, noting the installation of USTs and storage of motor vehicle fuels or waste. No violations relating to these records were found.</p>
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Facility Name(s) and/or Address(es)	Coffee Inn of the Bay Region 1 2024 Middlefield Road
Approximate Location Relative to Site	0.154 mile
EDR Map No(s).	36
Database(s)	HIST UST
Description/ID No(s).	HIST UST is a historical listing of UST sites.
Presumed Hydrogeologic Setting	Cross-gradient
Database Review Summary	The record indicates that a UST containing gasoline is located at the property. No violations were found.

Facility Name(s) and/or Address(es)	Rohm & Haas California Corporation 1901 Spring Street
Approximate Location Relative to Site	0.035 mile northwest
EDR Map No(s).	12 and 13
Database(s)	San Mateo Co. BI, SWEEPS UST, CA FID UST
Description/ID No(s).	<p>San Mateo Co. BI. is a county business inventory. The list includes Hazardous Materials Business Plans, hazardous waste generators, and underground storage tanks.</p> <p>SWEEPS UST is the Statewide Environmental Evaluation and Planning System, this is a listing database for underground storage tanks (no longer updated).</p> <p>CA FID UST contains a historical listing of active and inactive underground storage tank locations from the SWRCB.</p>
Presumed Hydrogeologic Setting	Down-gradient
Database Review Summary	The only record found was for UGT services per hour rate. No violations were noted.

Facility Name(s) and/or Address(es)	De Puglia's Speed Shop British European Motors 2001 Spring Street
Approximate Location Relative to Site	0.102 mile east
EDR Map No(s).	19 and 20
Database(s)	San Mateo Co. BI
Description/ID No(s).	San Mateo Co. BI. is a county business inventory. The list includes Hazardous Materials Business Plans, hazardous waste generators, and underground storage tanks.
Presumed Hydrogeologic Setting	Cross-gradient
Database Review Summary	The listings are administrative in nature and note that the property generates a small quantity (less than 27 gallons/year) of hazardous waste, and stores motor vehicle fuels or waste. No violations were found.

4.3 Previous Reports

No previous reports were provided to TRC by the User for review.

4.4 Other Environmental Record Sources

Per the ASTM standard, local or additional state records were reviewed to enhance and supplement the ASTM-required federal and state records reviewed and discussed earlier in this report. Local sources that were contacted to obtain this information include:

- San Mateo County Environmental Health Department
- Redwood City Fire Department
- Redwood City Building Department
- The Department of Toxic Substances Control, and
- The Regional Water Quality Control Board

4.4.1 San Mateo County Environmental Health Department

The San Mateo County Environmental Health Department was contacted via telephone and email on September 24, 2014, to request any files pertaining to the Site. The Environmental Health Department responded on October 7, 2014, and provided documents on the Site. Files reviewed included reports, permits, field notes, etc. that supported the documents found during the review of RWQCB records, which are discussed in Section 4.4.5. A closure letter for a LUST case dated May 19, 2014, was found for the Site (see **Appendix E**), as was a permit for destruction of the groundwater monitoring wells in support of the LUST case closure. The County of San Mateo was the lead agency on this case, but further details were reviewed as part of the RWQCB records review, as described in Section 4.4.5. No violations were noted.

4.4.2 Redwood City Fire Department

The Redwood City Fire Department was contacted via telephone and email on September 26, 2014, to request any files pertaining to the Site. A Fire Department representative responded via email on September 29, 2014, stating that no files were found for the target property address.

4.4.3 Redwood City Building Department

The Redwood City Building Department was contacted via telephone on September 29, 2014, to request any files pertaining to the Site, at which time a Building Department representative stated that no records were found for the target property address. The Building Department online Permit database was also accessed on this date to search for any records. No records were found for the target property address on the database.

4.4.4 Department of Toxic Substances Control

The DTSC's EnviroStor online database was accessed on October 8, 2014, to review files pertaining to the Site. One listing (Woodspring Center, #41280139) with VOC contamination appears to be located within the Site boundaries on the EnviroStor map, but an address of 800–898 Chestnut Street is provided. This address is located approximately 0.09 mile downgradient from the Site, and therefore, the placement of the site on the DTSC map appears to be an error. No impact on the Site is anticipated.

4.4.5 Regional Water Quality Control Board

The RWQCB Geotracker database was accessed on October 8, 2014, and files were reviewed for the Site. One listing (Grant Yard, S.M.C., #T0608116125) was found for the target property, with gasoline provided as the potential contaminant of concern. The listing notes the installation of one 500-gallon used-oil tank and one 6,000-gallon UST in 1951, and that no available records indicate whether these tanks have been removed. In 1955, one 2,000-gallon UST and three 6,000-gallon USTs were installed at the Site; the listing notes that these tanks were removed on February 16, 1999. Although elevated final documented levels of TPH-diesel (<3,900 ug/l) were still noted after cleanup, the RWQCB assumed that natural attenuation would occur. After destruction of the on-site groundwater monitoring wells was complete, the case was closed on May 19, 2014 (see **Appendix E**), and no further corrective action was required.

A second listing 800 Chestnut (#41S0019) also appears to be located within the Site boundaries on the Geotracker map, but has been mapped incorrectly and is located at 800 Chestnut Street, approximately 0.09 mile downgradient of the Site. Therefore, it is unlikely that contamination would have reached the Site.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Ms. Lauren Kohli, Environmental Planner/Project Manager and Ms. Katy Houston, Staff Engineer, conducted a Site reconnaissance of accessible areas on and around the Site on October 7, 2014, for the purpose of identifying potential RECs, and was accompanied by Rebecca Dickinson, Construction Manager of the County of San Mateo, and John Silva, Equipment Mechanic Supervisor of the County of San Mateo, who provided access to the property and answered questions during the reconnaissance. Photographs taken during the reconnaissance are provided in **Appendix D**. A Site layout plan is included as **Figure 2**.

During the Site reconnaissance, a metal shed in the northeast corner of the Site associated with the Sewer Department was unable to be accessed because the key could not be found. This limiting condition is not expected to impact the results of this Phase I ESA because no hazardous materials are expected to be stored, currently or historically, in the shed. Data gaps associated with these limiting conditions are discussed in Section 7.4.

5.2 Interior and Exterior Site Observations

The Site is located within a larger County of San Mateo-owned parcel that is completely enclosed by a building along Spring Street and a 6-foot-tall chain-link fence along Chestnut Street, Woodside Road, and the southern property line. At the time of the Site visit, the subject property contained an asphalt-paved lot and four buildings. A covered fuel-dispensing station, covered storage room partially enclosed with chain-link fencing, storage shed, several dumping bays, and a wash bay were also located at the Site. These features and their surroundings are described in more detail in the following paragraphs.

Entrance to the Site was from the northwest, and the first building examined was located in the western portion of the site. The building had a corrugated metal roof and was partially enclosed with locked chain-link gates. The locked portions of the building were predominately used for storage of construction equipment and materials (vehicles, forklifts, a-frame wooden barricades, sandbags, etc.); however, four approximately 30-gallon drums containing herbicide were observed, on secondary containment, in the southwest corner of the building. The drums appeared to be in good condition and no stains were observed. The areas of the building that were not fenced were used for vehicle storage.

The area south of the building along the southern boundary of the Site was used for dumpster and equipment (flatbed trailers, etc.) storage. One diesel generator that was dated 1970 was located on the easternmost side of the dumpster and equipment storage area, with no visible signs of staining. Ms. Dickinson stated that this was an old army generator that is not in use and has been removed from the Site since TRC's Site reconnaissance.

East of the dumpster and equipment storage area, along the southern boundary of the site, was a large, corrugated metal building that was separated into four rooms with concrete floors. Each of this four rooms was lighted with florescent light ballasts; no accumulation of ballasts was

observed. The westernmost room was used to house survey equipment. No hazardous materials were observed. The next room contained storage of backup supplies, including approximately 300 small aerosol cans (approximately 16 ounces each) of various hazardous materials such as glass cleaner, tire shine, wasp spray, and spray oil. These materials were stored, boxed and unboxed, on metal shelving. Containers appeared to be in excellent condition. Approximately 20 17-ounce cans of survey marking paint were stored in a safety cabinet inside the room. Two unmarked approximately 5-gallon buckets were observed near the entrance to the room, sitting on top of a stack of metal trays. Mr. Silva stated that a County worker told him that the buckets contained a releasing agent for paving equipment. Mr. Silva stated that the buckets are normally not stored in this room and would be removed. All containers within this room appeared to be in good condition, and no leaks were observed. The third room was used for construction sign storage, and no hazardous materials were observed. The fourth and easternmost room was used for carpentry-related services, and for general storage of tools, wood planks, and piping. A 24-gallon diesel-powered mobile air compressor was located in the room, and a pile of apparent absorbing agent was observed beneath it; however, no leaking was observed. Mr. Silva stated that while the compressor may have leaked at one point, it no longer leaked. Approximately 30 small (approximately 16 ounces each) containers of hazardous materials—including paint, solvent, lubricant, epoxy, and oil—were stored in a safety cabinet inside of this room. All equipment and containers appeared to be in good condition, and no leaks were noted.

A fuel-dispensing station covered by a metal canopy was located north of the eastern end of the previously described building, in the center of the Site. Two diesel pumps and two unleaded pumps were located on the western and eastern side, respectively. Two associated USTs were noted. Mr. Silva stated that the diesel and unleaded USTs each have a 20,000-gallon capacity.

The open area at the southern Site boundary, east of the fuel dispensing station, was used for storage of various construction vehicles and equipment, wood planks, piping, and dumpsters. Two concrete-walled spaces were labeled for Road Department dumping in this area. All oil- and gas-containing equipment appeared to be in good condition, and no leaks or staining were noted. A building was located southeast of the Road Department dumping bays, along the eastern boundary of the Site; Ms. Dickinson stated that this building is only used for file storage, and no hazardous materials are stored within. Ms. Dickenson informed TRC that contents have been removed from this building since the Site reconnaissance and is now empty.

A building used by the Sewer Department is located north of the file storage building and along the eastern boundary of the Site. This building was primarily used for vehicle and equipment storage and office use, and no hazardous materials were observed. A small shed was located north of the Sewer Department building. As previously noted, access to this shed was not available because Mr. Silva did not have the correct key.

A small area northwest of the Sewer Department building along the northern Site boundary was used for vehicle and equipment storage. Various construction equipment and trailers were observed, as was a minimal amount of oil staining associated with automobiles.

North of the vehicle and equipment storage area, approximately eight concrete-walled bays for dumping were observed, along with a dumpster. An open-front shed was noted northwest of the

concrete-walled dumping bays. The shed was labeled “Oil Blow-Out Area,” and four 55-gallon drums labeled “used oil” or “waste oil” were observed. A fifth 55-gallon drum was labeled “empty.” The five drums were located on secondary containment and signs of previous dripping were noted on the drums. Some evidence of minor staining were visible on the concrete floor; however, because the drums are located on secondary containment, these stains do not seem to be associated with current Oil Blow-Out Area. Some signs of splatter with a dark material were noted along the concrete wall directly northwest of the Oil Blow-Out Area. A posted ledger noted that Asbury Environmental Services last serviced the oil tanks in May of 2014.

Two additional concrete-walled trash bays and a wash bay were located northwest of the Oil Blow-Out Area, along the northern boundary of the Site. The wash bay contained a drain that Mr. Silva stated flows to an adjacent small building, where it is recycled for reuse. An AST containing recycled water was located south of the building. In addition to the water-recycling equipment, the adjacent small building contained one approximately 55-gallon drum labeled “sodium hydroxide,” one 80-gallon plastic container labeled “catatonic polymer/water,” and one 80-gallon plastic container labeled anionic polymer/water. A safety cabinet in the building contained approximately ten 16 to 24-ounce containers of various hazardous materials, including cleaning agents and lubricants. All hazardous materials containers in this area appeared to be in good condition, and no leaks were observed.

Additional observed site features are listed in Table 5.1. Unless otherwise noted, the items listed in the table appeared in good condition with no visual evidence of staining, deterioration, or a discharge of hazardous materials; and there are no records of a release in these areas. Items where further description is warranted are discussed in the section(s) following the table.

Table 5.1 - Interior and Exterior Site Observations

Item	Present (Current/ Historic/ No)	Description
Hazardous material storage or handling areas	Yes	Described previously. Small amounts of herbicide, paints, solvents, lubricant, epoxy, oil, and various other materials stored in buildings throughout the Site. Containers in good condition.
Aboveground storage tanks (ASTs) and associated piping	Yes	Described previously. One AST containing recycled water associated with the water-recycling building.
Underground storage tanks (USTs) and associated piping	Yes	Described previously. Two USTs associated with the covered fuel-dispensing station. No evidence of removed historic USTs was observed.
Drums & containers (≥5 gallons)	Yes	Described previously. Approximately 14 drums of various substances. Containers in good condition.
Odors	No	
Pools of liquid, including surface water bodies and sumps (handling hazardous substances or substances likely to be hazardous only)	No	
Polychlorinated Biphenyls (PCBs) / Transformers	No	

Table 5.1 - Interior and Exterior Site Observations

Item	Present (Current/Historic/No)	Description
Stains or corrosion	Yes	Minor oil stains associated with vehicles and equipment noted throughout the site. Previously described oil splatter in the Oil Blow-Out Area.
Drains & sumps	Yes	Several drains throughout property; all labeled “drains to bay” if the water flows off Site, or “drains to recycling” if the water is processed through the previously described on-Site water-recycling building. All drains labeled “drains to bay” were fitted with erosion controls.
Pits, ponds & lagoons	No	
Stressed vegetation	No	
Historic fill or any other fill material	No	
Wastewater (including storm water or any discharge into a drain, ditch, underground injection system, or stream on or adjacent to the Site)	No	
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)	Historic	Former groundwater monitoring well locations were not observed on Site.
Septic systems or cesspools	No	
Water recycling system	Yes	Described previously. Water recycling building and system associated with the wash bay.

5.2.1 Hazardous Substances

Hazardous substances including raw materials; finished products and formulations; hazardous wastes; hazardous constituents and pollutants including intermediates and byproducts that are currently present at the Site; and unidentified substance containers (when open or damaged, and containing unidentified substances suspected of being hazardous or petroleum products) are described previously in Section 5. The most recent HMBP for the Site (2012) is included in Appendix E.

5.2.2 Underground Storage Tanks

According to Site personnel, there are two underground storage tanks (USTs) at the Site, including a 20,000-gallon unleaded gasoline tank and a 20,000-gallon diesel tank that were installed in 1999. The USTs are registered with the San Mateo County Environmental Health Department, as indicated by the most recent UST permit (2012) found, which is included in **Appendix E**. According to the Monitoring System Certification obtained from the San Mateo County Environmental Health Department (included in **Appendix E**), the tanks both include operational in-tank gauging probes, annular space or vault sensors, piping sumps/trench sensors, and mechanical line leak detectors.

5.3 Adjoining and Surrounding Properties Reconnaissance

5.3.1 Adjoining Properties

During the Site reconnaissance, TRC viewed the adjoining properties from the Site and publicly accessible areas (e.g., public roadways, etc.); these properties are described in the table below.

Table 5.2 - Adjoining Properties Reconnaissance

Direction from Site	Current Land Use Description
North	Industrial (County of San Mateo parcel) with commercial beyond
East	Woodside Road and residential (southeast)
South	Residential
West	Industrial (County of San Mateo parcel), with Chestnut Street and residential beyond (northwest)

5.3.2 Surrounding Properties

Surrounding properties generally include industrial and commercial uses to the north (with residential beyond the County of San Mateo parcel boundaries), residential uses to the east and south, and industrial uses to the west (with residential beyond the County of San Mateo parcel boundaries).

6.0 INTERVIEWS

The following persons were interviewed to obtain historically and/or environmentally-pertinent information regarding RECs associated with the Site:

- John Silva, Equipment Mechanic Supervisor of the County of San Mateo – *Key Site Manager* (as defined by the ASTM standard and identified by the property owner/User)
- Rebecca Dickinson, Construction Manager of the County of San Mateo

The information provided by each is discussed and referenced in the text or provided below. Other references and sources of information are included in **Appendix E**.

7.0 FINDINGS, OPINIONS AND CONCLUSIONS

Potential findings can include RECs, historical RECs (HRECs), controlled RECs (CRECs) and *de minimis* conditions, pursuant to the ASTM E 1527-13 standard.

RECs are defined as the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (1) due to any *release* to the environment; (2) under conditions indicative of a *release* to the *environment*; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*.

CRECs are defined as a REC resulting from a past *release of hazardous substances or petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances or petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property use restrictions, activity and use limitations, institutional controls, or engineering controls*).

HRECs are defined as a past *release of any hazardous substances or petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls (for example, *property use restrictions, activity and use limitations, institutional controls, or engineering controls*).

De minimis conditions are defined as a condition that generally does not present a threat to human health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not RECs nor CRECs.

TRC has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 at the property located at 752 Chestnut Street, Redwood City, San Mateo County, California (Site), see **Appendices F and G**. Deviations from this standard are described in Sections 1.3 and 7.6 of this report.

7.1 RECs and CRECs

This assessment has revealed no evidence of RECs or CRECs in connection with the Site with the exception of the following:

REC No. 1

Unknown status of the previously described 500-gallon used-oil tank and 6,000-gallon UST installed at the Site in 1951 (see Section 4.4.5). No records found indicated removal; however, no previous investigations encountered these USTs. Additionally, a subsurface utility survey performed at the site found no anomalies that would indicate the presence of these USTs. It is anticipated that if these tanks are present on the Site, they would be located near the former USTs discussed as an HREC. The location of the former USTs is positioned at the northernmost portion of the Site, downgradient from the remainder of the Site; thus, the unknown status of the 500-gallon and 6,000-gallon UST is not anticipated to affect the Site under existing conditions. However, if new utility corridors are constructed in and around this Site, the unknown status of these historic tanks should be considered prior to excavation.

7.2 HRECs

This assessment has revealed no evidence of HRECs in connection with the Site, except for the following:

HREC No. 1

Although residual contamination above screening levels remains on Site, the case was granted regulatory closure on May 19, 2014, and is considered a historical REC. The location of the former USTs is positioned at the northernmost portion of the Site, downgradient from the remainder of the Site; thus, this closed case is not anticipated to affect the Site under existing conditions. However, if a preferential pathway were to be created (e.g., utility installation) between the former tank location and upgradient areas on Site, this issue may constitute a REC in the future.

7.3 De Minimis Conditions

This assessment has revealed no evidence of *de minimis* conditions in connection with the Site, except for the following:

- Dark material splatter along the concrete wall directly northwest of the Oil Blow-Out Area. The observation does not indicate a threat to human health or the environment; however, better management of this area could be conducted.

7.4 Data Gaps

TRC has made an appropriate inquiry into the commonly known and reasonably ascertainable resources concerning the historical ownership and use of the Site back to the first development per 40 CFR Part 312.24 (*Reviews of Historical Sources of Information*). Data gaps identified during this assessment include the following:

1. Locked storage shed adjacent to the Sewer Department building in the northwestern corner of the Site.

Based on an interview with John Silva, it is unlikely that hazardous materials are stored in the locked storage shed, and Data Gap No. 1 is *not considered significant*.

7.5 Limiting Conditions and Deviations

7.5.1 Accuracy and Completeness

The ASTM E 1527-13 standard recognizes inherent limitations for Phase I ESAs that apply to this report, including:

- Uncertainty Not Eliminated – No Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Data gaps identified during this Phase I ESA are listed in Section 7.5.
- Not Exhaustive – A Phase I ESA is not an exhaustive investigation.

- Past Uses of the Property – A review of standard historical sources at intervals less than five years is not required.

The Client is advised that the Phase I ESA conducted at the Site is a limited inquiry into a property's environmental status, cannot wholly eliminate uncertainty, and is not an exhaustive assessment to discover every potential source of environmental liability at the Site. Therefore, TRC does not make a statement i) of warranty or guarantee, express or implied for any specific use; ii) that the Site is free of RECs or environmental impairment; iii) that the Site is "clean"; or iv) that impairments, if any, are limited to those that were discovered while TRC was performing the Phase I ESA. This limiting statement is not meant to compromise the findings of this report; rather, it is meant as a statement of limitations within the ASTM standard and intended scope of this assessment. Specific limiting conditions identified during the Site reconnaissance are described in Section 5.1. Subsurface conditions may differ from the conditions implied by surface observations. These conditions were evaluated by performing subsurface exploratory borings. Results and conclusions are presented in a separate report. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other construction purposes.

This report presents TRC's site reconnaissance observations, findings, and conclusions as they existed at the time of the Site reconnaissance. TRC makes no representation or warranty that the past or current operations at the property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes. TRC makes no guarantees as to the accuracy or completeness of information obtained from others during the course of this Phase I ESA report. It is possible that information exists beyond the scope of this assessment, or that information was not provided to TRC. Additional information subsequently provided, discovered, or produced may alter findings or conclusions made in this Phase I ESA report. TRC is under no obligation to update this report to reflect such subsequent information. The findings presented in this report are based upon reasonably ascertainable information and observed Site conditions at the time of the assessment.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not assessed. Regardless of the findings stated in this report, TRC is not responsible for consequences or conditions arising from facts that were not fully disclosed to TRC during the assessment.

An independent data research company provided the government agency database referenced in this report. Information regarding surrounding area properties was requested for approximate minimum search distances and was assumed to be correct and complete unless obviously contradicted by TRC's observations or other credible referenced sources reviewed during the assessment.

TRC is not a professional title insurance or land surveyor firm and makes no guarantee, explicit or implied, that any land title records acquired or reviewed, or any physical descriptions or depictions of the property in this report, represent a comprehensive definition or precise delineation of property ownership or boundaries.

7.5.2 Warranties and Representations

This report does not warrant against: (1) operations or conditions which were not evident from visual observations or historical information provided; (2) conditions which could only be determined by physical sampling or other intrusive investigation techniques; (3) locations other than the client-provided addresses and/or legal parcel description; or (4) information regarding off-site location(s) (with possible impact to the Site) not published in publicly available records.

7.5.3 Continued Validity/User Reliance

This report is presumed to be valid, in accordance with, and subject to, the limitations specified in the ASTM E 1527-13 standard, for a period of 180 days from completion, or until the Client obtains specific information that may materially alter a finding, opinion, or conclusion in this report, or until the Client is notified by TRC that it has obtained specific information that may materially alter a finding, opinion, or conclusion in this report. Additionally, pursuant to the ASTM E 1527-13 standard, this report is presumed valid if completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction.

7.5.4 Significant Assumptions

During this Phase I ESA, TRC relied on database information; interviews with Site representatives, regulatory officials, and other individuals having knowledge of Site operations; and information provided by the User as requested in our authorized Scope of Work. TRC has assumed that the information provided is true and accurate. Reliance on electronic database search reports is subject to the limitations set forth in those reports. TRC did not independently verify the information provided. TRC found no reason to question the validity of the information received unless explicitly noted elsewhere in this report. If other information is discovered and/or if previous reports exist that were not provided to TRC, our conclusions may not be valid.

8.0 REFERENCES

Table 8.1 - References Information

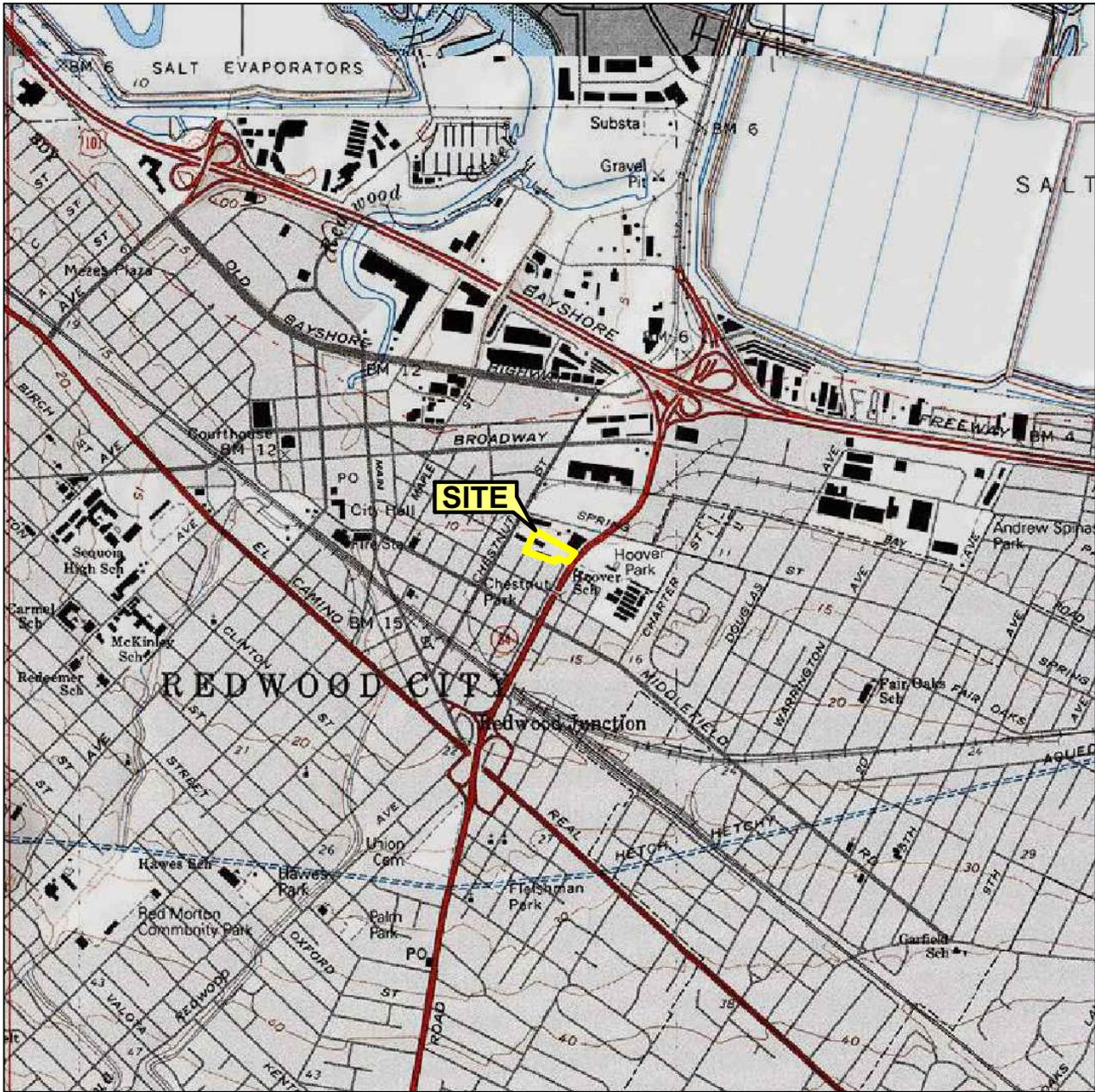
Description/Title of Document(s) Received or Agency Contacted	Date Information Request Filled/Date of Agency Contact	Reference Source
The EDR City Directory Abstract	September 29, 2014	Environmental Data Resources, Inc.
The EDR Aerial Photo Decade Package	September 29, 2014	Environmental Data Resources, Inc.
The EDR Radius Map™ Report with GeoCheck®	September 29, 2014	Environmental Data Resources, Inc.
Certified Sanborn® Map Report	September 29, 2014	Environmental Data Resources, Inc.
EDR Historical Topographic Map Report	September 29, 2014	Environmental Data Resources, Inc.
Department of Toxic Substances Control Envirostor Database	September 29, 2014 through October 17, 2014	Accessed via website at envirostor.dtsc.ca.gov .

Table 8.1 - References Information

Description/Title of Document(s) Received or Agency Contacted	Date Information Request Filled/Date of Agency Contact	Reference Source
State Water Resources Control Board Geotracker Database	September 29, 2014 through October 17, 2014	Accessed via website at www.geotracker.waterboards.ca.gov .
San Mateo County Environmental Health Department	September 26, 2014	FOIA request response via telephone/fax
Redwood City Fire Department	September 26, 2014	FOIA request response via telephone/fax
Redwood City Building Inspection	September 24, 2014	FOIA request response via telephone/fax
N/A	September 26, 2014	In-person interview with John Silva and Rebecca Dickinson

9.0 ADDITIONAL SERVICES

No additional services were performed during this Phase I ESA.



1 MILE 3/4 1/2 1/4 0 1 MILE



SCALE 1 : 24,000

SOURCE:

United States Geological Survey
7.5 Minute Topographic Maps:
Palo Alto Quadrangle, California



VICINITY MAP

San Mateo County
Motor Pool Project
752 Chestnut Street
Redwood City, California



218791

FIGURE 1

FILE NAME: N:\PROJECTS\CAD\San Mateo County_Motor Pool\Fig2_Site Plan.dwg | Layout Tab: 11x17

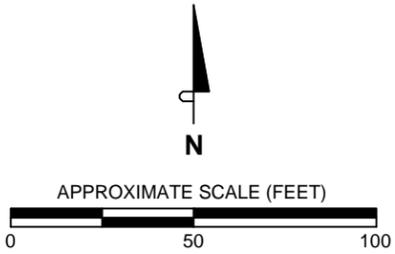


SOURCE AERIAL PHOTO: Google Earth, September 2014.

LEGEND

Hazardous materials storage

Approximate location of underground storage tank (UST)



SITE PLAN
 San Mateo County
 Motor Pool Project
 752 Chestnut Street
 Redwood City, California

	218791	FIGURE 2
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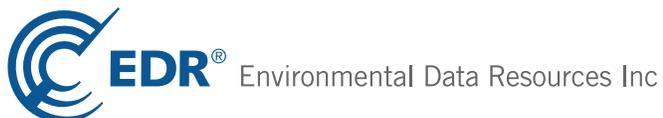
**APPENDIX A:
DATABASE RADIUS REPORT**

Motor Pool Project

752 Chestnut Street
Redwood City, CA 94063

Inquiry Number: 4085858.2s
September 26, 2014

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
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Physical Setting Source Addendum	A-1
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Physical Setting SSURGO Soil Map	A-7
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Physical Setting Source Records Searched	PSGR-1

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 was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

752 CHESTNUT STREET
REDWOOD CITY, CA 94063

COORDINATES

Latitude (North): 37.4836000 - 37° 29' 0.96"
Longitude (West): 122.2186000 - 122° 13' 6.96"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 569085.4
UTM Y (Meters): 4148604.2
Elevation: 14 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 37122-D2 PALO ALTO, CA
Most Recent Revision: 1999

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120520
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
SMC ROAD/SEWER DEPT 752 CHESTNUT REDWOOD CITY, CA 94063	San Mateo Co. BI	N/A
COUNTY OF SAN MATEO DPW 752 CHESTNUT STREET REDWOOD CITY, CA 94063	FINDS	N/A
GRANT YARD, COUNTY OF SAN MATEO, 752 CHESTNUT ST REDWOOD CITY, CA 94063	HAZNET	N/A
GRANT YARD, S.M.C. 752 CHESTNUT STREET REDWOOD CITY, CA	RGA LUST	N/A

EXECUTIVE SUMMARY

GRANT YARD, S.M.C. 752 CHESTNUT REDWOOD CITY, CA	RGA LUST	N/A
SAN MATEO COUNTY CORP YARD 752 CHESTNUT REDWOOD CITY, CA 94063	San Mateo Co. BI	N/A
COUNTY OF SAN MATEO DPW 752 CHESTNUT STREET REDWOOD CITY, CA 94063	EMI	N/A
GRANT YARD, S.M.C. 752 CHESTNUT STREET REDWOOD CITY, CA 94063	LUST Status: Completed - Case Closed HIST UST	N/A

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 search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA generators list

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

WMUDS/SWAT..... Waste Management Unit Database

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

SCH..... School Property Evaluation Program

Toxic Pits..... Toxic Pits Cleanup Act Sites

CDL..... Clandestine Drug Labs

US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

LIENS..... Environmental Liens Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
RMP..... Risk Management Plans
UIC..... UIC Listing
NPDES..... NPDES Permits Listing
CUPA Listings..... CUPA Resources List
WIP..... Well Investigation Program Case List
ENF..... Enforcement Action Listing
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
WDS..... Waste Discharge System
PRP..... Potentially Responsible Parties
EPA WATCH LIST..... EPA WATCH LIST
LEAD SMELTERS..... Lead Smelter Sites
PROC..... Certified Processors Database
PCB TRANSFORMER..... PCB Transformer Registration Database
Financial Assurance..... Financial Assurance Information Listing
US FIN ASSUR..... Financial Assurance Information
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
MWMP..... Medical Waste Management Program Listing
COAL ASH DOE..... Steam-Electric Plant Operation Data
HWT..... Registered Hazardous Waste Transporter Database

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

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 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DUOLITE INTERNATIONAL</i>	<i>800 CHESTNUT ST.</i>	<i>NW 0 - 1/8 (0.040 mi.)</i>	<i>B14</i>	<i>23</i>

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there are 4 CERC-NFRAP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REDWOOD FOOD PACKING CO	2200 MIDDLEFIELD RD	S 1/8 - 1/4 (0.178 mi.)	G44	75
PRICE COMPANY	2110 MIDDLEFIELD RD	S 1/4 - 1/2 (0.273 mi.)	W140	178
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>REDWOOD GENERAL TIRE SERVICE C</i>	<i>1630 BROADWAY ST</i>	<i>N 1/8 - 1/4 (0.185 mi.)</i>	<i>J61</i>	<i>94</i>
TYDEMAN MACHINE WORKS	BROADWAY & CHARTER	ENE 1/4 - 1/2 (0.409 mi.)	AF171	254

EXECUTIVE SUMMARY

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUOLITE INTERNATIONAL	800 CHESTNUT ST.	NW 0 - 1/8 (0.040 mi.)	B14	23

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Transporters are individuals or entities that move hazardous waste from the generator offsite 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 RCRA-TSDF list, as provided by EDR, and dated 06/10/2014 has revealed that there are 2 RCRA-TSDF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN MATEO CO AGRI DEPT	728 HELLER ST	SW 1/8 - 1/4 (0.204 mi.)	N85	118
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUOLITE INTERNATIONAL	800 CHESTNUT ST.	NW 0 - 1/8 (0.040 mi.)	B14	23

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/10/2014 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BRISTOL MYERS SQUIBB	700 BAY RD	NE 0 - 1/8 (0.096 mi.)	18	46
CVS PHARMACY NO 9690	1301 BROADWAY ST	NE 1/8 - 1/4 (0.209 mi.)	P95	130

EXECUTIVE SUMMARY

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/10/2014 has revealed that there are 7 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SAN MATEO CO AGRICULTURE DEPT</i>	<i>728 HELLER ST</i>	<i>SW 1/8 - 1/4 (0.204 mi.)</i>	<i>N85</i>	<i>118</i>
<i>COTSO WHOLESALE 409</i>	<i>2300 MIDDLEFIELD ROAD</i>	<i>SSE 1/8 - 1/4 (0.209 mi.)</i>	<i>O94</i>	<i>128</i>
<i>REDWOOD CITY SCHOOL DIST</i>	<i>CHARTER @ STAMBAUGH STSE</i>	<i>1/8 - 1/4 (0.230 mi.)</i>	<i>112</i>	<i>144</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DUOLITE INTERNATIONAL</i>	<i>800 CHESTNUT ST.</i>	<i>NW 0 - 1/8 (0.040 mi.)</i>	<i>B14</i>	<i>23</i>
<i>EUREKA FEDERAL S&L DEL CAMP CT</i>	<i>815 WILLOW ST</i>	<i>E 1/8 - 1/4 (0.175 mi.)</i>	<i>H41</i>	<i>72</i>
<i>REDWOOD GENERAL TIRE SERVICE C</i>	<i>1630 BROADWAY ST</i>	<i>N 1/8 - 1/4 (0.185 mi.)</i>	<i>J61</i>	<i>94</i>
<i>FEDERAL MOGUL CORP</i>	<i>1301 BROADWAY</i>	<i>NE 1/8 - 1/4 (0.209 mi.)</i>	<i>P96</i>	<i>132</i>

State- and tribal - equivalent NPL

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, and dated 06/05/2014 has revealed that there are 2 RESPONSE sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EICHROME</i>	<i>2480 MIDDLEFIELD ROAD</i>	<i>SSE 1/4 - 1/2 (0.318 mi.)</i>	<i>X144</i>	<i>182</i>
<i>SAN MATEO CNTY REPLACEMENT COR</i>	<i>70 CHEMICAL WAY</i>	<i>N 1/2 - 1 (0.576 mi.)</i>	<i>AO212</i>	<i>324</i>

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 06/05/2014 has revealed that there are 18 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>JOHNS-MANVILLE PRODUCTS CORPOR</i> Status: Refer: Other Agency	<i>2200 MIDDLEFIELD ROAD</i>	<i>S 1/8 - 1/4 (0.178 mi.)</i>	<i>G43</i>	<i>73</i>

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PRICE CLUB #409 Status: Inactive - Needs Evaluation	2300 MIDDLEFIELD	SSE 1/8 - 1/4 (0.209 mi.)	O92	125
611 HELLER STREET REDWOOD CITY Status: Inactive - Action Required	611 HELLER STREET	WSW 1/8 - 1/4 (0.219 mi.)	104	139
EICHROME Status: Certified	2480 MIDDLEFIELD ROAD	SSE 1/4 - 1/2 (0.318 mi.)	X144	182
COOKS AUTO BODY Status: Inactive - Action Required	1104 MAIN STREET	W 1/4 - 1/2 (0.340 mi.)	154	209
KLIKLOK CO. (BUILDING #4) Status: Inactive - Needs Evaluation	2661 SPRING	E 1/2 - 1 (0.507 mi.)	206	309
SAN MATEO CNTY REPLACEMENT COR Status: Certified O&M - Land Use Restrictions Only	70 CHEMICAL WAY	N 1/2 - 1 (0.576 mi.)	AO212	324
ROBISON PROPERTY Status: Active	827 EL CAMINO REAL	W 1/2 - 1 (0.838 mi.)	217	347
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROHM & HAAS Status: Refer: RWQCB	800 CHESTNUT	NW 0 - 1/8 (0.040 mi.)	B15	40
WOODSPRING CENTER Status: Refer: RWQCB	800-898 CHESTNUT STREET	NW 0 - 1/8 (0.040 mi.)	B16	45
REDWOOD GENERAL TIRE SERVICE Status: Refer: RWQCB	1630 BROADWAY	N 1/8 - 1/4 (0.185 mi.)	J59	85
RUST PROPERTY AKA YOUNG AUTO P Status: Active	925 / 929 MAIN STREET	W 1/4 - 1/2 (0.359 mi.)	AB159	228
PG&E, REDWOOD CITY Status: Active	675 JEFFERSON AVENUE	WNW 1/2 - 1 (0.542 mi.)	AM208	310
BRADFORD STREET PARCELS Status: Inactive - Needs Evaluation	707 BRADFORD STREET	NW 1/2 - 1 (0.561 mi.)	210	317
PRESSURE VESSEL SERVICE, INC Status: Inactive - Needs Evaluation	50 CHEMICAL WAY	N 1/2 - 1 (0.569 mi.)	AO211	323
FORMER FRANK'S TANNERY Status: No Further Action	1548 MAPLE STREET	NNW 1/2 - 1 (0.678 mi.)	214	339
ANODIZERS INC Status: Inactive - Needs Evaluation	1709 E BAYSHORE RD	NNE 1/2 - 1 (0.686 mi.)	215	343
BAY AREA CIRCUITS, INC. Status: Inactive - Needs Evaluation	91 WINSLOW STREET	NW 1/2 - 1 (0.963 mi.)	219	349

State and tribal leaking storage tank lists

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 07/30/2014 has revealed that there are 70

EXECUTIVE SUMMARY

LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO #0306	1700 MIDDLEFIELD	WSW 1/8 - 1/4 (0.138 mi.)	F29	54
ARCO FAILITY #306	1700 MIDDLEFIELD RD	WSW 1/8 - 1/4 (0.139 mi.)	F32	56
Status: Open - Site Assessment				
RAY'S AUTO	2233 MIDDLEFIELD RD	SSE 1/8 - 1/4 (0.179 mi.)	G45	75
Status: Completed - Case Closed				
OPFER PROPERTY	2233 MIDDLEFIELD	SSE 1/8 - 1/4 (0.179 mi.)	G47	78
EUREKA FEDERAL SAVINGS	2225 SPRING	E 1/8 - 1/4 (0.207 mi.)	H86	121
Status: Completed - Case Closed				
EUREKA FEDERAL SAVINGS	2225 SPRING	E 1/8 - 1/4 (0.207 mi.)	H87	122
THE BAGEL WORKS	2231 SPRING	E 1/8 - 1/4 (0.209 mi.)	H90	123
THE BAGEL WORKS	2231 SPRING	E 1/8 - 1/4 (0.209 mi.)	H91	124
Status: Completed - Case Closed				
DE OLIVERA PROPERTY	2401 MIDDLEFIELD	SSE 1/4 - 1/2 (0.258 mi.)	135	162
Status: Completed - Case Closed				
REDWOOD PLAZA SHOPPING CENTER	1200 BROADWAY	NE 1/4 - 1/2 (0.300 mi.)	143	182
G R BROWN CO	989 SHASTA	SSW 1/4 - 1/2 (0.323 mi.)	145	187
Status: Completed - Case Closed				
CHUBS AUTO REPAIR	1180 MAIN ST	WSW 1/4 - 1/2 (0.326 mi.)	146	188
Status: Completed - Case Closed				
BEACON MOBIL	1101 BROADWAY	NE 1/4 - 1/2 (0.335 mi.)	Z149	200
BEACON MOBIL 10-K5E	1101 BROADWAY	NE 1/4 - 1/2 (0.335 mi.)	Z150	202
Status: Open - Eligible for Closure				
ACTERON CORP, FORMER	851 SHASTA STREET	SSW 1/4 - 1/2 (0.336 mi.)	151	206
Status: Completed - Case Closed				
COOKS AUTO BODY	1104 MAIN STREET	W 1/4 - 1/2 (0.340 mi.)	154	209
Status: Completed - Case Closed				
PHIL FINER REFRIGERATION INC.	1001 MAIN ST	W 1/4 - 1/2 (0.354 mi.)	AB156	222
Status: Completed - Case Closed				
COAST ELECTRIC COMPANY	2490 MIDDLEFIELD	SSE 1/4 - 1/2 (0.367 mi.)	X162	239
COAST ELECTRIC COMPANY	2490 MIDDLEFIELD	SSE 1/4 - 1/2 (0.367 mi.)	X163	240
Status: Completed - Case Closed				
NURBURG RING AUTO	1202 SHASTA	S 1/4 - 1/2 (0.375 mi.)	166	245
Status: Completed - Case Closed				
PRIVATE RESIDENCE	PRIVATE RESIDENCE	SW 1/4 - 1/2 (0.389 mi.)	168	248
Status: Completed - Case Closed				
HOFFMANN PAINT CO., INC.	820 SWEENEY	E 1/4 - 1/2 (0.407 mi.)	AE169	252
Status: Completed - Case Closed				
HOFFMANN PAINT CO., INC.	820 SWEENEY	E 1/4 - 1/2 (0.407 mi.)	AE170	253
COORS WEST	890 BROADWAY	ENE 1/4 - 1/2 (0.416 mi.)	AF173	257
Status: Completed - Case Closed				
COORS WEST	890 BROADWAY	ENE 1/4 - 1/2 (0.416 mi.)	AF174	258
CITY OF REDWOOD CITY	1036 MIDDLEFIELD	W 1/4 - 1/2 (0.433 mi.)	AG176	259
BRADY PROPERTY	2585 SPRING	E 1/4 - 1/2 (0.435 mi.)	AH177	260
BRADY PROPERTY	2585 SPRING STREET	E 1/4 - 1/2 (0.435 mi.)	AH178	260
Status: Completed - Case Closed				
MOTLOCH PARCEL	1629 MAIN STREET	SSW 1/4 - 1/2 (0.438 mi.)	AI179	262
TEMPORARY CITY HALL	1020 MIDDLEFIELD ROAD	W 1/4 - 1/2 (0.449 mi.)	AG180	263
Status: Completed - Case Closed				

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TEMPORARY CITY HALL RMC LONESTAR Status: Completed - Case Closed	1020 MIDDLEFIELD 25 MAPLE	W 1/4 - 1/2 (0.449 mi.) WSW 1/4 - 1/2 (0.449 mi.)	AG181 AJ182	266 267
PACIFIC READY MIX INC TOWNE FORD SALES Status: Completed - Case Closed	25 MAPLE ST 1601 EL CAMINO REAL	WSW 1/4 - 1/2 (0.449 mi.) WSW 1/4 - 1/2 (0.451 mi.)	AJ183 AJ184	269 270
SHELL, FORMER (HARRY'S HOFBRAU Status: Completed - Case Closed	1909 EL CAMINO REAL	SSW 1/4 - 1/2 (0.452 mi.)	AI186	273
REDWOOD CITY CITY HALL Status: Completed - Case Closed	1017 MIDDLEFIELD	W 1/4 - 1/2 (0.453 mi.)	AG187	277
REDWOOD CITY CITY HALL FERIANTE PROPERTY FERIANTE PROPERTY Status: Completed - Case Closed	1017 MIDDLEFIELD 1612 EL CAMINO REAL 1612 EL CAMINO REAL	W 1/4 - 1/2 (0.455 mi.) WSW 1/4 - 1/2 (0.456 mi.) WSW 1/4 - 1/2 (0.456 mi.)	AG188 AK189 AK190	280 281 283
CHEVRON 9-4256 Status: Completed - Case Closed	1501 EL CAMINO REAL	WSW 1/4 - 1/2 (0.460 mi.)	AJ192	285
FIRE STATION #1 (FORMER) Status: Completed - Case Closed	1036 MIDDLEFIELD ROAD	SE 1/4 - 1/2 (0.467 mi.)	193	287
JULES DUC CONSTRUCTION Status: Completed - Case Closed	1451 EL CAMINO REAL	WSW 1/4 - 1/2 (0.473 mi.)	AJ194	290
GRADE SEPARATION Status: Completed - Case Closed	923 JEFFERSON AVENUE	W 1/4 - 1/2 (0.478 mi.)	AG198	297
FIRESTONE STORE #3671 FIRESTONE COMPLETE AUTO CARE # Status: Completed - Case Closed	1458 EL CAMINO REAL 1458 EL CAMINO REAL	WSW 1/4 - 1/2 (0.496 mi.) WSW 1/4 - 1/2 (0.496 mi.)	AN204 AN205	306 307
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROHM & HAAS ELIZABETH KENNEDY Status: Open - Site Assessment	800 CHESTNUT 1661 BROADWAY	NW 0 - 1/8 (0.040 mi.) NNW 1/8 - 1/4 (0.183 mi.)	B15 J53	40 80
REDWOOD GENERAL TIRE SERVICE Status: Completed - Case Closed	1630 BROADWAY	N 1/8 - 1/4 (0.185 mi.)	J59	85
SILVA PROPERTY Status: Completed - Case Closed	836 WILLOW	E 1/8 - 1/4 (0.194 mi.)	H70	101
CHEVRON CHEVRON Status: Completed - Case Closed	1603 BROADWAY 1603 BROADWAY	N 1/8 - 1/4 (0.194 mi.) N 1/8 - 1/4 (0.194 mi.)	M75 M78	108 112
MARSILI'S STATION Status: Completed - Case Closed	2303 SPRING	E 1/8 - 1/4 (0.237 mi.)	Q117	150
MARSILI'S STATION ALOHA STATE FLOWERS, INC. Status: Completed - Case Closed	2303 SPRING 1260 MARSHALL	E 1/8 - 1/4 (0.237 mi.) NNW 1/4 - 1/2 (0.266 mi.)	Q118 136	152 164
REDWOOD CITY CS Status: Completed - Case Closed	1400 BROADWAY	NW 1/4 - 1/2 (0.269 mi.)	V137	171
REDWOOD CITY CORPORATION YARD BEEGER PROPERTY Status: Completed - Case Closed	1400 BROADWAY 1135 CHESTNUT ST	NW 1/4 - 1/2 (0.269 mi.) N 1/4 - 1/2 (0.280 mi.)	V138 141	177 179
BROADWAY PRODUCE & FLOWERS, FO Status: Completed - Case Closed	1870 BROADWAY	WNW 1/4 - 1/2 (0.333 mi.)	Y147	193

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BROADWAY PRODUCE & FLOWERS	1870 BROADWAY	WNW 1/4 - 1/2 (0.333 mi.)	Y148	200
STUART FLOORS	1455 VETERANS	N 1/4 - 1/2 (0.338 mi.)	AA152	207
STUART FLOORS Status: Completed - Case Closed	1455 VETERANS	N 1/4 - 1/2 (0.338 mi.)	AA153	208
SHEAHAN TRUCKING, FORMER Status: Completed - Case Closed	955 CHARTER	ENE 1/4 - 1/2 (0.363 mi.)	AD160	234
MOBIL 99-142 (FORMER) Status: Completed - Case Closed	950 MAIN	W 1/4 - 1/2 (0.364 mi.)	AB161	235
KAISER PERMANENTE HOSPITAL Status: Completed - Case Closed	1150 VETERANS BLVD	NNW 1/4 - 1/2 (0.368 mi.)	AC165	243
HUDSON PROPERTY Status: Completed - Case Closed	135 MAPLE	WSW 1/4 - 1/2 (0.383 mi.)	167	247
EARL SCHEIB ON BROADWAY Status: Completed - Case Closed	899 BROADWAY STREET	ENE 1/4 - 1/2 (0.410 mi.)	AD172	254
U.S. POSTAL SERVICE	855 JEFFERSON	WNW 1/4 - 1/2 (0.478 mi.)	AL199	301
REDWOOD CITY POST OFFICE Status: Completed - Case Closed	855 JEFFERSON AVE	WNW 1/4 - 1/2 (0.478 mi.)	AL200	301
CITY CENTER PARKING Status: Completed - Case Closed	750 MARSHALL	WNW 1/4 - 1/2 (0.491 mi.)	AM202	304
CITY CENTER PARKING	750 MARSHALL	WNW 1/4 - 1/2 (0.491 mi.)	AM203	305

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 07/30/2014 has revealed that there are 19 SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ORCHARD SUPPLY HARDWARE Facility Status: Open - Inactive	UNKNOWN MIDDLEFIELD & WS	1/4 - 1/2 (0.273 mi.)	W139	178
REDWOOD PLAZA SHOPPING CENTER Facility Status: Open - Verification Monitoring	1200 BROADWAY	NE 1/4 - 1/2 (0.300 mi.)	143	182
SUNCAP PROPERTY GROUP (FORMER) Facility Status: Completed - Case Closed	1050 BROADWAY & 1093 CH	NE 1/4 - 1/2 (0.352 mi.)	Z155	221
NW CORNER Facility Status: Completed - Case Closed	MAIN AND MIDDLEFIELD	W 1/4 - 1/2 (0.355 mi.)	AB157	227
PRIVATE RESIDENCE Facility Status: Completed - Case Closed	PRIVATE RESIDENCE	SW 1/4 - 1/2 (0.389 mi.)	168	248
MOTLOCH PARCEL Facility Status: Completed - Case Closed	1629 MAIN STREET	SSW 1/4 - 1/2 (0.438 mi.)	AI179	262
REDWOOD CITY CITY HALL Facility Status: Completed - Case Closed	1017 MIDDLEFIELD	W 1/4 - 1/2 (0.453 mi.)	AG187	277
REDWOOD CITY SOLVENT DETECTION Facility Status: Open - Inactive	1600 EL CAMINO REAL	WSW 1/4 - 1/2 (0.457 mi.)	AK191	284
FIRE STATION #1 (FORMER) Facility Status: Completed - Case Closed	1036 MIDDLEFIELD ROAD	SE 1/4 - 1/2 (0.467 mi.)	193	287
DEANS ANODIZING INC Facility Status: Open - Inactive	2643 FAIR OAKS	ESE 1/4 - 1/2 (0.477 mi.)	195	292

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROHM & HAAS Facility Status: Open - Verification Monitoring	800 CHESTNUT	NW 0 - 1/8 (0.040 mi.)	B15	40
800 CHESTNUT (ROHM AND HAAS)	800 CHESTNUT STREET	NW 0 - 1/8 (0.040 mi.)	B17	46
FEDERAL MOGUL CORP Facility Status: Open - Remediation	1301 BROADWAY	NE 1/8 - 1/4 (0.209 mi.)	P96	132
RAYCHEM CORPORATION 55 PLANT Facility Status: Open - Site Assessment	2201 BAY RD	ENE 1/4 - 1/2 (0.255 mi.)	S133	158
REDWOOD CITY RAIL SPUR (BETWEE Facility Status: Open - Site Assessment)	BAY ROAD TO CHARTER STR	ENE 1/4 - 1/2 (0.294 mi.)	142	181
MOBIL 99-142 (FORMER) Facility Status: Completed - Case Closed	950 MAIN	W 1/4 - 1/2 (0.364 mi.)	AB161	235
RUST PROPERTY Facility Status: Open - Site Assessment	925 MAIN STREET	WNW 1/4 - 1/2 (0.368 mi.)	164	242
850 JEFFERSON AVENUE, REDWOOD Facility Status: Open - Remediation	850 JEFFERSON AVENUE	WNW 1/4 - 1/2 (0.477 mi.)	AL196	292
FREE FLOW PACKAGING	1093 CHARTER ST	ENE 1/4 - 1/2 (0.478 mi.)	197	297

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 07/30/2014 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON 9-8040	1603 BROADWAY	N 1/8 - 1/4 (0.194 mi.)	M72	106
MARSILI AUTO	2303 SPRING STREET	E 1/8 - 1/4 (0.237 mi.)	Q120	153

State and tribal voluntary cleanup sites

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 06/05/2014 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RUST PROPERTY AKA YOUNG AUTO P	925 / 929 MAIN STREET	W 1/4 - 1/2 (0.359 mi.)	AB159	228

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 06/16/2014 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REPLANET LLC	1155 VETERANS BLVD	NNW 1/4 - 1/2 (0.419 mi.)	175	259

Local Lists of Hazardous waste / Contaminated Sites

HIST 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. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EICHROME	2480 MIDDLEFIELD ROAD	SSE 1/4 - 1/2 (0.318 mi.)	X144	182

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 6 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PENINSULA SERVICE STATION EQUI	2297 SPRING ST	E 1/8 - 1/4 (0.229 mi.)	Q111	143
REDWOOD CITY CARDLOCK	2302 SPRING ST	E 1/8 - 1/4 (0.235 mi.)	Q114	147
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROHM & HAAS CALIFORNIA CORP	1901 SPRING ST	NW 0 - 1/8 (0.035 mi.)	B13	22
REDWOOD GENERAL TIRE SERVICE	1630 BROADWAY	N 1/8 - 1/4 (0.185 mi.)	J59	85
5TH AVENUE ENTERPRISE	1603 BROADWAY	N 1/8 - 1/4 (0.194 mi.)	M74	107
MARSILIS SERVICE	2303 SPRING ST	E 1/8 - 1/4 (0.237 mi.)	Q116	148

EXECUTIVE SUMMARY

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 13 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOSE R VEGA	1700 MIDDLEFIELD RD	WSW 1/8 - 1/4 (0.139 mi.)	F30	55
VEGA ARCO AM/PM	1700 MIDDLEFIELD RD	WSW 1/8 - 1/4 (0.139 mi.)	F31	56
COFFEE INN OF THE BAY REGION I	2024 MIDDLEFIELD RD	S 1/8 - 1/4 (0.154 mi.)	E36	69
MIDDLEFIELD AUTO REPAIR CENTER	2233 MIDDLEFIELD RD	SSE 1/8 - 1/4 (0.179 mi.)	G48	78
SIGONA'S FARMERS MARKET	2345 MIDDLEFIELD RD	SSE 1/8 - 1/4 (0.225 mi.)	O106	140
REDWOOD CITY CARDLOCK	2302 SPRING ST	E 1/8 - 1/4 (0.235 mi.)	Q113	146
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUOLITE INTERNATIONAL	800 CHESTNUT ST.	NW 0 - 1/8 (0.040 mi.)	B14	23
EFS WAREHOUSE/DATA CENTER	801 WILLOW ST	E 1/8 - 1/4 (0.167 mi.)	H39	71
REDWOOD GENERAL TIRE SERVICE	1630 BROADWAY	N 1/8 - 1/4 (0.185 mi.)	J59	85
98040	1603 BROADWAY ST	N 1/8 - 1/4 (0.194 mi.)	M79	115
MARSILI AUTO	2303 SPRING STREET	E 1/8 - 1/4 (0.237 mi.)	Q120	153
BOB MARSILI	2303 SPRING ST	E 1/8 - 1/4 (0.237 mi.)	Q121	154
JOSEPH BUCHWALD & SONS, INC.	1320 MARSHALL ST	NNW 1/8 - 1/4 (0.246 mi.)	T129	157

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 10 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO FAILITY #306	1700 MIDDLEFIELD RD	WSW 1/8 - 1/4 (0.139 mi.)	F32	56
RAY'S AUTO	2233 MIDDLEFIELD RD	SSE 1/8 - 1/4 (0.179 mi.)	G45	75
SOLARI ESTATE	338 MANZANITA	S 1/8 - 1/4 (0.193 mi.)	I68	100
SIGONA'S FARMERS MARKET	2345 MIDDLEFIELD RD	SSE 1/8 - 1/4 (0.225 mi.)	O106	140
PENINSULA SERVICE STATION EQUI	2297 SPRING ST	E 1/8 - 1/4 (0.229 mi.)	Q111	143
REDWOOD CITY CARDLOCK	2302 SPRING ST	E 1/8 - 1/4 (0.235 mi.)	Q114	147
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROHM & HAAS CALIFORNIA CORP	1901 SPRING ST	NW 0 - 1/8 (0.035 mi.)	B13	22
REDWOOD GENERAL TIRE SERVICE	1630 BROADWAY	N 1/8 - 1/4 (0.185 mi.)	J59	85
5TH AVENUE ENTERPRISE	1603 BROADWAY	N 1/8 - 1/4 (0.194 mi.)	M74	107
MARSILIS SERVICE	2303 SPRING ST	E 1/8 - 1/4 (0.237 mi.)	Q116	148

Local Land Records

DEED: 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 .

A review of the DEED list, as provided by EDR, and dated 06/09/2014 has revealed that there is 1 DEED

EXECUTIVE SUMMARY

site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TYCO THERMAL CONTROLS	2201 BAY	ENE 1/4 - 1/2 (0.255 mi.)	S134	161

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON STATION NO 98040	1603 BROADWAY ST	N 1/8 - 1/4 (0.194 mi.)	M77	111

CA BOND EXP. PLAN: 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WILLARD PRODUCTS	70 CHEMICAL WAY	N 1/2 - 1 (0.576 mi.)	AO213	335

Cortese: 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).

A review of the Cortese list, as provided by EDR, and dated 06/30/2014 has revealed that there are 2 Cortese sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROHM&HAAS/OCCIDENTAL CHEM	800 CHESNUT	NNW 0 - 1/8 (0.115 mi.)	25	51
REDWOOD GENERAL TIRE SERVICE	1630 BROADWAY	N 1/8 - 1/4 (0.185 mi.)	J59	85

HIST CORTESE: 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 [CALSTITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 32 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO FACILITY #306	1700 MIDDLEFIELD RD	WSW 1/8 - 1/4 (0.139 mi.)	F32	56
RAY'S AUTO	2233 MIDDLEFIELD RD	SSE 1/8 - 1/4 (0.179 mi.)	G45	75
EUREKA FEDERAL SAVINGS	2225 SPRING	E 1/8 - 1/4 (0.207 mi.)	H86	121

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
THE BAGEL WORKS	2231 SPRING	E 1/8 - 1/4 (0.209 mi.)	H91	124
DE OLIVERA PROPERTY	2401 MIDDLEFIELD	SSE 1/4 - 1/2 (0.258 mi.)	135	162
CHUBS AUTO REPAIR	1180 MAIN ST	WSW 1/4 - 1/2 (0.326 mi.)	146	188
ACTERON CORP, FORMER	851 SHASTA STREET	SSW 1/4 - 1/2 (0.336 mi.)	151	206
COAST ELECTRIC COMPANY	2490 MIDDLEFIELD	SSE 1/4 - 1/2 (0.367 mi.)	X163	240
HOFFMANN PAINT CO., INC.	820 SWEENEY	E 1/4 - 1/2 (0.407 mi.)	AE169	252
COORS WEST	890 BROADWAY	ENE 1/4 - 1/2 (0.416 mi.)	AF174	258
BRADY PROPERTY	2585 SPRING STREET	E 1/4 - 1/2 (0.435 mi.)	AH178	260
TEMPORARY CITY HALL	1020 MIDDLEFIELD ROAD	W 1/4 - 1/2 (0.449 mi.)	AG180	263
RMC LONESTAR	25 MAPLE	WSW 1/4 - 1/2 (0.449 mi.)	AJ182	267
TOWN FORD SALES	1601 EL CAMINO REAL	WSW 1/4 - 1/2 (0.451 mi.)	AJ185	272
REDWOOD CITY CITY HALL	1017 MIDDLEFIELD	W 1/4 - 1/2 (0.453 mi.)	AG187	277
FERIANTE PROPERTY	1612 EL CAMINO REAL	WSW 1/4 - 1/2 (0.456 mi.)	AK189	281
FIRE STATION #1 (FORMER)	1036 MIDDLEFIELD ROAD	SE 1/4 - 1/2 (0.467 mi.)	193	287
JULES DUC CONSTRUCTION	1451 EL CAMINO REAL	WSW 1/4 - 1/2 (0.473 mi.)	AJ194	290

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROHM&HAAS/OCCIDENTAL CHEM	800 CHESNUT	NNW 0 - 1/8 (0.115 mi.)	25	51
REDWOOD GENERAL TIRE SERVICE	1630 BROADWAY	N 1/8 - 1/4 (0.185 mi.)	J59	85
CHEVRON	1603 BROADWAY	N 1/8 - 1/4 (0.194 mi.)	M78	112
MARSILI'S STATION	2303 SPRING	E 1/8 - 1/4 (0.237 mi.)	Q117	150
ALOHA STATE FLOWERS, INC.	1260 MARSHALL	NNW 1/4 - 1/2 (0.266 mi.)	136	164
REDWOOD CITY CS	1400 BROADWAY	NW 1/4 - 1/2 (0.269 mi.)	V137	171
BEEGER PROPERTY	1135 CHESTNUT ST	N 1/4 - 1/2 (0.280 mi.)	141	179
BROADWAY PRODUCE & FLOWERS, FO	1870 BROADWAY	WNW 1/4 - 1/2 (0.333 mi.)	Y147	193
STUART FLOORS	1455 VETERANS	N 1/4 - 1/2 (0.338 mi.)	AA153	208
KAISER PERMANENTE	1190 VETERANS	NNW 1/4 - 1/2 (0.357 mi.)	AC158	228
SHEAHAN TRUCKING, FORMER	955 CHARTER	ENE 1/4 - 1/2 (0.363 mi.)	AD160	234
EARL SCHEIB ON BROADWAY	899 BROADWAY STREET	ENE 1/4 - 1/2 (0.410 mi.)	AD172	254
REDWOOD CITY POST OFFICE	855 JEFFERSON AVE	WNW 1/4 - 1/2 (0.478 mi.)	AL200	301
CITY CENTER PARKING	750 MARSHALL	WNW 1/4 - 1/2 (0.491 mi.)	AM202	304

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 8 Notify 65 sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO SERVICE STATION #306	1700 MIDDLEFIELD ROAD	WSW 1/8 - 1/4 (0.139 mi.)	F35	69
COORS WEST	890 BROADWAY	ENE 1/4 - 1/2 (0.416 mi.)	AF173	257
TOWNE FORD SALES	1601 EL CAMINO REAL	WSW 1/4 - 1/2 (0.451 mi.)	AJ184	270
UNKNOWN	860 HURLINGAMES	E 1/2 - 1 (0.524 mi.)	207	310
COORS WEST	2700 MIDDLEFIELD ROAD	SE 1/2 - 1 (0.561 mi.)	209	317

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BROADWAY PRODUCE & FLOWERS, FO	1870 BROADWAY	WNW 1/4 - 1/2 (0.333 mi.)	Y147	193
LIMA REALTY GROUP	350 CONVENTION WAY	NW 1/2 - 1 (0.793 mi.)	216	345
PETE'S HARBOR	#1 UCCELLI BOULEVARD	NNW 1/2 - 1 (0.958 mi.)	218	349

EXECUTIVE SUMMARY

DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 06/28/2014 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAL TRUCK & TRAILER SERVICE DB	1681 BROADWAY	NNW 1/8 - 1/4 (0.188 mi.)	L64	98

Hazardous Materials Business Plan, Hazardous Waste Generator, Underground Storage tanks

A review of the San Mateo Co. BI list, as provided by EDR, and dated 04/03/2014 has revealed that there are 61 San Mateo Co. BI sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BAY AREA BANNERS & FLAGS	527 SPRUCE	SSW 0 - 1/8 (0.119 mi.)	E26	53
ARCO 00306	1700 MIDDLEFIELD	WSW 1/8 - 1/4 (0.139 mi.)	F34	69
ANNUZZIS CUSTOM CABINET	2127 MIDDLEFIELD	S 1/8 - 1/4 (0.162 mi.)	G37	70
ORCHARD SUPPLY HARDWARE #220	2110 MIDDLEFIELD	S 1/8 - 1/4 (0.163 mi.)	G38	70
CLASSIC AUTO WORKS & TOWING	419 MANZANITA	S 1/8 - 1/4 (0.177 mi.)	I42	73
RAYS AUTO SERVICE	2233 MIDDLEFIELD	SSE 1/8 - 1/4 (0.179 mi.)	G46	77
OSUNA AUTO REPAIR	2233 MIDDLEFIELD	SSE 1/8 - 1/4 (0.179 mi.)	G50	79
AT & T MOBILITY - WOODSIDE RD	300 MANZANITA	S 1/8 - 1/4 (0.199 mi.)	I82	117
UNDERGROUND TK AT	2231 SPRING	E 1/8 - 1/4 (0.209 mi.)	H89	123
COSTCO WHOLESALE #1042	2300 MIDDLEFIELD ROAD	SSE 1/8 - 1/4 (0.209 mi.)	O93	127
LALOS AUTO MECHANIC	2259 SPRING	E 1/8 - 1/4 (0.217 mi.)	Q97	135
CLASSIC CORE COLLISION REPAIR	2259 SPRING	E 1/8 - 1/4 (0.217 mi.)	Q98	135
IMAGE AUTO BODY & TOWING	2259 SPRING	E 1/8 - 1/4 (0.217 mi.)	Q100	137
IMAGE AUTO WORKS	2259 SPRING	E 1/8 - 1/4 (0.217 mi.)	Q101	137
AGRICULTURAL WEIGHTS & MEASURE	728 HELLER	SW 1/8 - 1/4 (0.218 mi.)	N102	137
PENINSULA SERVICE STATION EQUI	2293 SPRING	E 1/8 - 1/4 (0.228 mi.)	Q110	143
FOODS CO #353	1401 BROADWAY	NNE 1/8 - 1/4 (0.247 mi.)	P130	158
ANGEL CAR CARE	330 CHESTNUT	SW 1/8 - 1/4 (0.248 mi.)	N131	158

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ECONO TREE SERVICE	1914 SPRING	NNW 0 - 1/8 (0.026 mi.)	B9	21
KEN RICHARDSON PAINTING	1900 SPRING	NW 0 - 1/8 (0.034 mi.)	B10	22
ALL FENCE CO	1900 SPRING	NW 0 - 1/8 (0.034 mi.)	B11	22
ROHM & HAAS CALIFORNIA CORP	1901 SPRING	NW 0 - 1/8 (0.035 mi.)	B12	22
DE PUGLIA'S SPEED SHOP	2001 SPRING	E 0 - 1/8 (0.102 mi.)	C19	49
BRITISH EUROPEAN MOTORS	2001 SPRING	E 0 - 1/8 (0.102 mi.)	C20	49
PIONEER HI BRED INTL INC	700 BAY	N 0 - 1/8 (0.110 mi.)	D21	50
BRISTOL MYERS SCQUIBB COMPANY	700 BAY	N 0 - 1/8 (0.110 mi.)	D22	50
HEARTPORT INC	700 BAY	N 0 - 1/8 (0.110 mi.)	D23	51
DELTAGEN INC	700 BAY	N 0 - 1/8 (0.110 mi.)	D24	51
FOXHOLLOW TECHNOLOGIES, INC	740 BAY	NNE 1/8 - 1/4 (0.127 mi.)	D27	54
ARSTASIS, INC.	740 BAY	NNE 1/8 - 1/4 (0.127 mi.)	D28	54
CAL CAR WASH DISTRIBUTING CO	1641 BROADWAY	NNW 1/8 - 1/4 (0.182 mi.)	J51	79
EARL SCHEIB #529	1661 BROADWAY	NNW 1/8 - 1/4 (0.183 mi.)	J52	80
ELIZABETH KENNEDY	1661 BROADWAY	NNW 1/8 - 1/4 (0.183 mi.)	J53	80
ERICS AUTO BODY & PAINT	1661 BROADWAY	NNW 1/8 - 1/4 (0.183 mi.)	J54	83
BOSWELL, RICHARD	1661 BROADWAY	NNW 1/8 - 1/4 (0.183 mi.)	J55	84
ARGO MACHINES	824 WILLOW	E 1/8 - 1/4 (0.184 mi.)	H56	84

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
L & L LANDSCAPE SVCS INC	1995 BAYSHORE	NE 1/8 - 1/4 (0.184 mi.)	K57	84
TRU GEEN LANDCARE	1995 BAYSHORE	NE 1/8 - 1/4 (0.184 mi.)	K58	85
REDWOOD GENERAL TIRE SERVICE	1630 BROADWAY	N 1/8 - 1/4 (0.185 mi.)	J60	94
GOLDEN ROOFING	828 WILLOW	E 1/8 - 1/4 (0.187 mi.)	H63	97
QUONG LEE LAUNDRY	1681 BROADWAY	NNW 1/8 - 1/4 (0.188 mi.)	L65	99
QUONG LEE PENINSULA CLEANING S	1681 BROADWAY	NNW 1/8 - 1/4 (0.188 mi.)	L67	100
GAS 2 YOU	836 WILLOW	E 1/8 - 1/4 (0.194 mi.)	H69	101
SILVER AUTO SERVICES	1603 BROADWAY	N 1/8 - 1/4 (0.194 mi.)	M71	106
BROADWAY AUTOMOTIVE	1603 BROADWAY	N 1/8 - 1/4 (0.194 mi.)	M73	106
5TH AVENUE ENTERPRISE	1603 BROADWAY	N 1/8 - 1/4 (0.194 mi.)	M74	107
BROADWAY 76	1603 BROADWAY	N 1/8 - 1/4 (0.194 mi.)	M76	109
MIRACLE AUTO PAINTING	2259 SPRING	E 1/8 - 1/4 (0.199 mi.)	H81	117
7-ELEVEN #15896	1700 BROADWAY	NNW 1/8 - 1/4 (0.202 mi.)	L83	118
GARCIA IMPORTS	871 WILLOW	ENE 1/8 - 1/4 (0.222 mi.)	S105	140
H & H BRAKE SERVICE	1738 BROADWAY	NW 1/8 - 1/4 (0.226 mi.)	R107	142
MENLO AUTOMOTIVE SERVICE	1738 BROADWAY	NW 1/8 - 1/4 (0.226 mi.)	R109	142
VALLEY MARKET & GAS	2303 SPRING	E 1/8 - 1/4 (0.237 mi.)	Q115	148
MARSILI'S STATION	2303 SPRING	E 1/8 - 1/4 (0.237 mi.)	Q118	152
LEES AUTO REPAIR	2303 SPRING	E 1/8 - 1/4 (0.237 mi.)	Q119	153
SATELLITE DIALYSIS	1410 MARSHALL	NNW 1/8 - 1/4 (0.238 mi.)	T123	156
SELTZER SISTERS	816 CHARTER	E 1/8 - 1/4 (0.243 mi.)	Q124	156
R C SHAY & CO INC	818 CHARTER	E 1/8 - 1/4 (0.245 mi.)	Q125	156
ANCEL COURTNEY & ASSOC	1535 MARSHALL	N 1/8 - 1/4 (0.245 mi.)	U126	156
PEDERSEN WOODWORKS	1535 MARSHALL	N 1/8 - 1/4 (0.245 mi.)	U127	157
JOSEPH BUCHWALD & SONS	1320 MARSHALL	NNW 1/8 - 1/4 (0.246 mi.)	T128	157

2020 COR ACTION: The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

A review of the 2020 COR ACTION list, as provided by EDR, and dated 11/11/2011 has revealed that there is 1 2020 COR ACTION site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUOLITE INTERNATIONAL	800 CHESTNUT ST.	NW 0 - 1/8 (0.040 mi.)	B14	23

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 05/27/2014 has revealed that there are 2 HWP sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN MATEO CO AGRICULTURAL COMM	728 HELLER ST	SW 1/8 - 1/4 (0.203 mi.)	N84	118

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUOLITE INTERNATIONAL	800 CHESTNUT ST.	NW 0 - 1/8 (0.040 mi.)	B14	23

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PG AND E GAS PLANT REDWOOD CIT	E MARSHALL, WASHINGTON, WNW 1/4 - 1/2 (0.479 mi.)		201	303

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 10 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1700 MIDDLEFIELD RD	WSW 1/8 - 1/4 (0.139 mi.)	F33	68
Not reported	419 MANZANITA ST	S 1/8 - 1/4 (0.172 mi.)	G40	71
Not reported	2233 MIDDLEFIELD RD	SSE 1/8 - 1/4 (0.179 mi.)	G49	79
Not reported	2300 MIDDLEFIELD ROAD	SSE 1/8 - 1/4 (0.207 mi.)	O88	123
Not reported	2259 SPRING ST	E 1/8 - 1/4 (0.217 mi.)	Q99	136
Not reported	330 CHESTNUT ST	SW 1/8 - 1/4 (0.248 mi.)	N132	158

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1630 BROADWAY ST	N 1/8 - 1/4 (0.185 mi.)	J62	97
Not reported	1603 BROADWAY ST	N 1/8 - 1/4 (0.194 mi.)	M80	116
Not reported	1738 BROADWAY ST	NW 1/8 - 1/4 (0.226 mi.)	R108	142
Not reported	2303 SPRING ST	E 1/8 - 1/4 (0.237 mi.)	Q122	155

EXECUTIVE SUMMARY

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 2 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

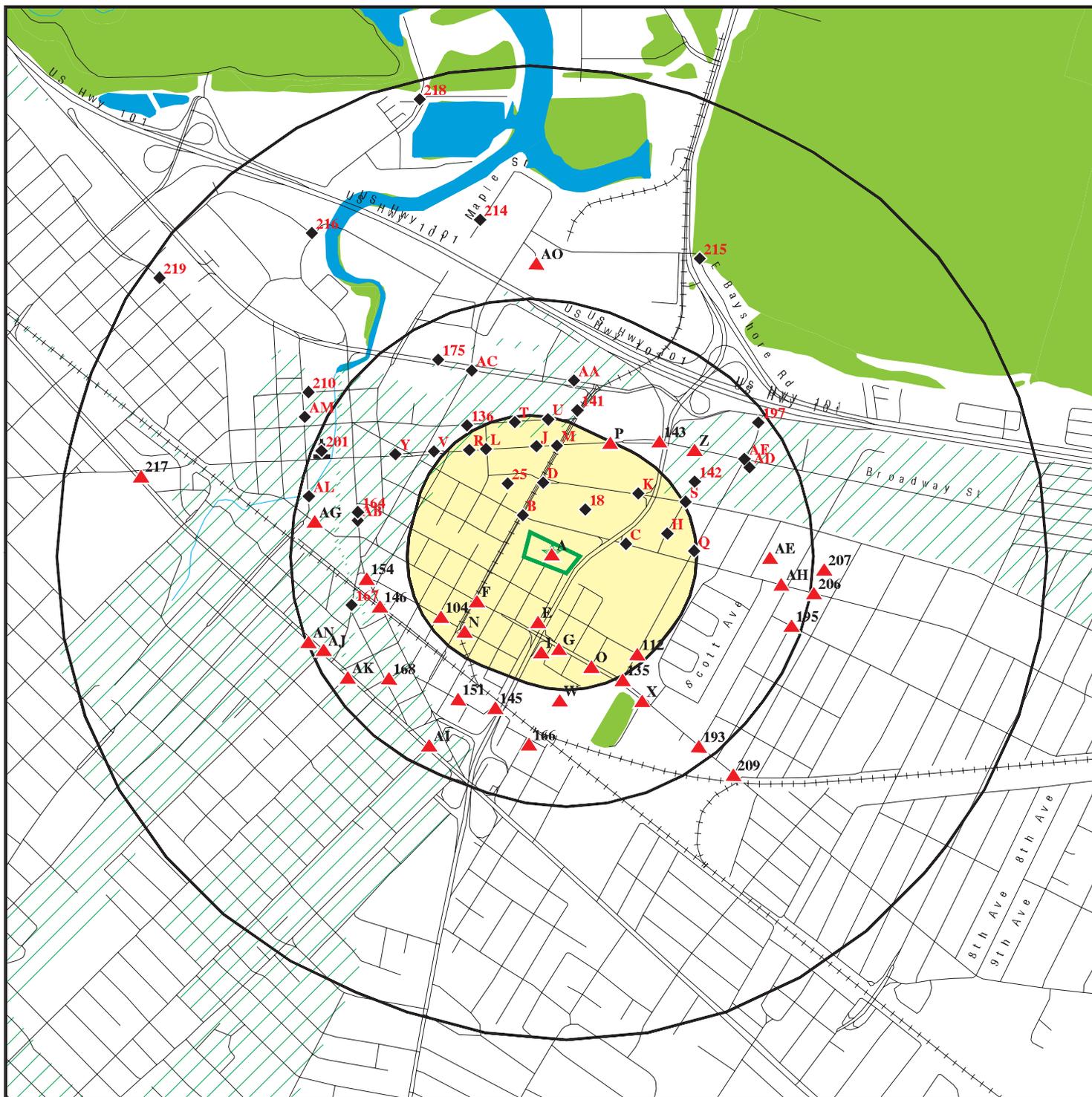
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1681 BROADWAY ST	NNW 1/8 - 1/4 (0.188 mi.)	L66	99
Not reported	1728 BROADWAY ST	NW 1/8 - 1/4 (0.219 mi.)	R103	138

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
FARM	SWEEPS UST, San Mateo Co. BI
PIC	LUST, AST, Notify 65
PG&E GAS PLANT REDWOOD CITY	CERC-NFRAP
JOHNS MANVILLE CORP	CERC-NFRAP
IDEAL BASIC INDS OLD PLT SITE	CERC-NFRAP
CALTRANS DISTRICT 4	HAZNET
CHESTNUT BAY LLC	HAZNET
LORAM MAINTENANCE OF WAY INC	HAZNET
CALTRANS DIST 4/CONSTRUCTION	HAZNET
CALTRANS	HAZNET
CALTRANS D-4/EA04-2E5504	HAZNET
CALTRANS DIST 4/CONSTR/EA04-212804	HAZNET
CALTRANS D-4/EA04-4S5904	HAZNET
CALTRANS D-4/EA04-2L1404	HAZNET
CALTRANS DIST 4/CONSTRUCTION	HAZNET
CALTRANS DISTRICT 4	RCRA-SQG
NEXTEL-SITE ID CA-868	San Mateo Co. BI
VERIZON WIRELESS HWY 280 WOODSIDE	San Mateo Co. BI
PG&E WOODSIDE SUBSTATION	San Mateo Co. BI
COUNTY OF SAN MATEO	EMI

OVERVIEW MAP - 4085858.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

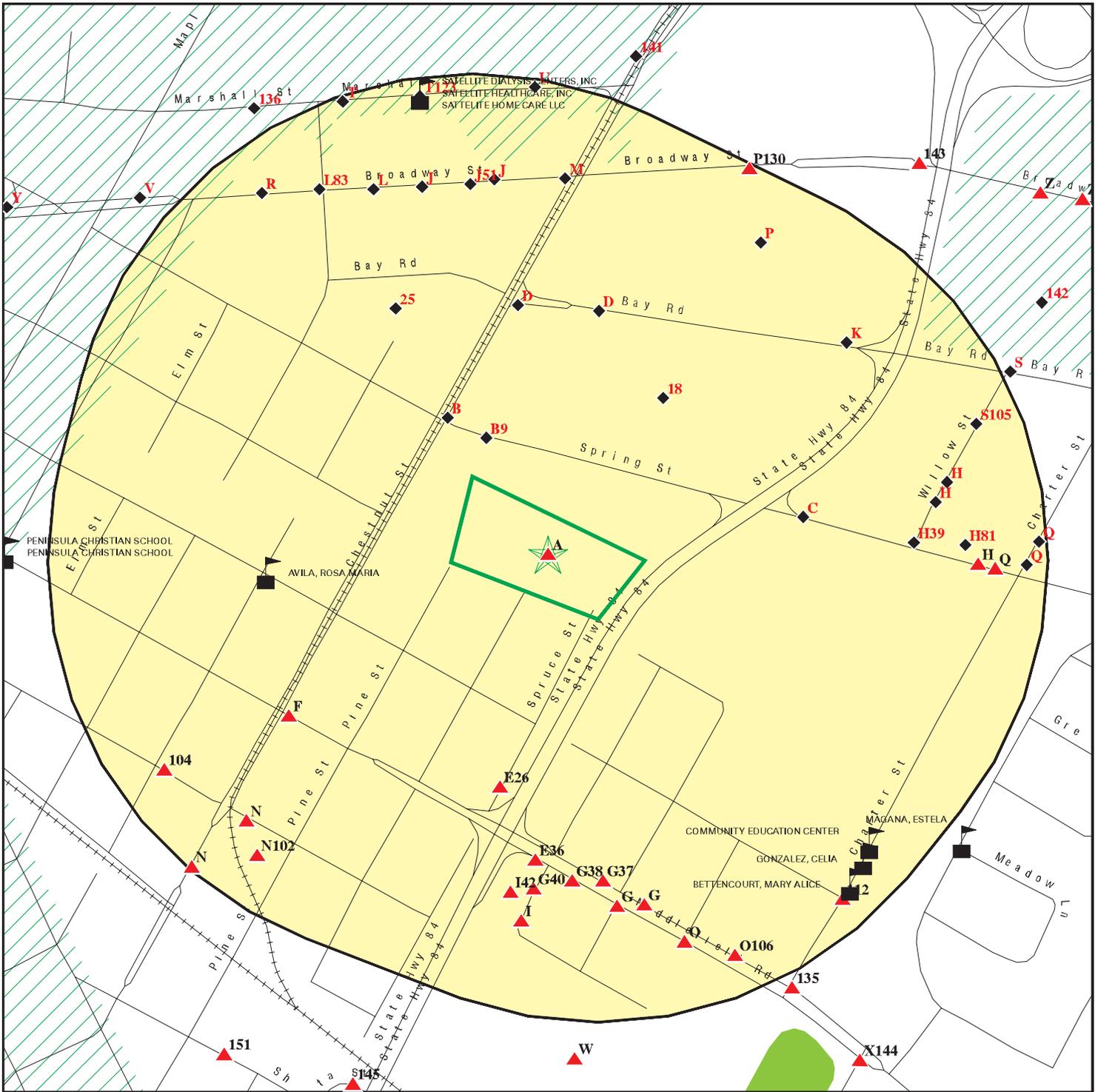


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Motor Pool Project
 ADDRESS: 752 Chestnut Street
 Redwood City CA 94063
 LAT/LONG: 37.4836 / 122.2186

CLIENT: TRC
 CONTACT: Lauren Kohli
 INQUIRY #: 4085858.2s
 DATE: September 26, 2014 3:18 pm

DETAIL MAP - 4085858.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: Motor Pool Project ADDRESS: 752 Chestnut Street Redwood City CA 94063 LAT/LONG: 37.4836 / 122.2186</p>	<p>CLIENT: TRC CONTACT: Lauren Kohli INQUIRY #: 4085858.2s DATE: September 26, 2014 3:19 pm</p>
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		1	0	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	2	2	NR	NR	4
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		1	0	0	0	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		1	1	0	NR	NR	2
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		1	1	NR	NR	NR	2
RCRA-SQG	0.250		1	6	NR	NR	NR	7
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	1	1	NR	2
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		2	4	3	9	NR	18
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500	1	1	15	54	NR	NR	71

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		2	1	16	NR	NR	19
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	1	0	NR	1
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US HIST CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		1	5	NR	NR	NR	6
HIST UST	0.250	1	1	12	NR	NR	NR	14
SWEEPS UST	0.250		1	9	NR	NR	NR	10
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
LIENS	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
DOT OPS	0.001		0	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
RAATS	0.001		0	NR	NR	NR	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	1	NR	1
UIC	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
Cortese	0.500		1	1	0	NR	NR	2
HIST CORTESE	0.500		1	7	24	NR	NR	32
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	1	3	4	NR	8
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
San Mateo Co. BI	0.250	2	11	50	NR	NR	NR	63
HAZNET	0.001	1	0	NR	NR	NR	NR	1
EMI	0.001	1	0	NR	NR	NR	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		1	0	NR	NR	NR	1
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		1	1	0	0	NR	2

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	1	0	NR	1
EDR US Hist Auto Stat	0.250		0	10	NR	NR	NR	10
EDR US Hist Cleaners	0.250		0	2	NR	NR	NR	2

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001	2	0	NR	NR	NR	NR	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property
SMC ROAD/SEWER DEPT
752 CHESTNUT
REDWOOD CITY, CA 94063

San Mateo Co. BI **S113757054**
N/A

Site 1 of 8 in cluster A

Actual:
14 ft.

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0024011
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0027242
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Region: SAN MATEO
Facility ID: FA0024011
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0027243
Description: STORES MV FUELS OR WASTE ONLY

Region: SAN MATEO
Facility ID: FA0024011
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022479
Description: UNDERGROUND TANK - GENERAL

A2
Target
Property
COUNTY OF SAN MATEO DPW
752 CHESTNUT STREET
REDWOOD CITY, CA 94063

FINDS **1011986467**
N/A

Site 2 of 8 in cluster A

Actual:
14 ft.

FINDS:
Registry ID: 110037963022

Environmental Interest/Information System
The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

A3
Target
Property
GRANT YARD, COUNTY OF SAN MATEO, PUBLIC
752 CHESTNUT ST
REDWOOD CITY, CA 94063

HAZNET **S113012391**
N/A

Site 3 of 8 in cluster A

Actual:
14 ft.

HAZNET:
Year: 2010
Gepaid: CAD982017683
Contact: T. HARWOOD VEH & EQUIP SVC MGR
Telephone: 6505991651
Mailing Name: Not reported
Mailing Address: 752 CHESTNUT ST
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT YARD, COUNTY OF SAN MATEO, PUBLIC (Continued)

S113012391

TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.4587
Facility County: San Mateo

Year: 2010
Gepaid: CAD982017683
Contact: T. HARWOOD VEH & EQUIP SVC MGR
Telephone: 6505991651
Mailing Name: Not reported
Mailing Address: 752 CHESTNUT ST
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported

TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.4587
Facility County: San Mateo

Year: 2010
Gepaid: CAD982017683
Contact: T. HARWOOD VEH & EQUIP SVC MGR
Telephone: 6505991651
Mailing Name: Not reported
Mailing Address: 752 CHESTNUT ST
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.4587
Facility County: San Mateo

Year: 2010
Gepaid: CAD982017683
Contact: T. HARWOOD VEH & EQUIP SVC MGR
Telephone: 6505991651
Mailing Name: Not reported
Mailing Address: 752 CHESTNUT ST
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Laboratory waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.025
Facility County: San Mateo

Year: 2010

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GRANT YARD, COUNTY OF SAN MATEO, PUBLIC (Continued)

S113012391

Gepaid: CAD982017683
 Contact: T. HARWOOD VEH & EQUIP SVC MGR
 Telephone: 6505991651
 Mailing Name: Not reported
 Mailing Address: 752 CHESTNUT ST
 Mailing City,St,Zip: REDWOOD CITY, CA 940630000
 Gen County: Not reported
 TSD EPA ID: NVD980895338
 TSD County: Not reported
 Waste Category: Laboratory waste chemicals
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.025
 Facility County: San Mateo

[Click this hyperlink](#) while viewing on your computer to access 142 additional CA_HAZNET: record(s) in the EDR Site Report.

**A4
 Target
 Property**

**GRANT YARD, S.M.C.
 752 CHESTNUT STREET
 REDWOOD CITY, CA**

**RGA LUST S114628590
 N/A**

Site 4 of 8 in cluster A

**Actual:
 14 ft.**

RGA LUST:
 2012 GRANT YARD, S.M.C. 752 CHESTNUT STREET
 2011 GRANT YARD, S.M.C. 752 CHESTNUT STREET
 2010 GRANT YARD, S.M.C. 752 CHESTNUT STREET
 2009 GRANT YARD, S.M.C. 752 CHESTNUT STREET

**A5
 Target
 Property**

**GRANT YARD, S.M.C.
 752 CHESTNUT
 REDWOOD CITY, CA**

**RGA LUST S114628591
 N/A**

Site 5 of 8 in cluster A

**Actual:
 14 ft.**

RGA LUST:
 2008 GRANT YARD, S.M.C. 752 CHESTNUT
 2007 GRANT YARD, S.M.C. 752 CHESTNUT
 2006 GRANT YARD, S.M.C. 752 CHESTNUT
 2005 GRANT YARD, S.M.C. 752 CHESTNUT
 2003 GRANT YARD, S.M.C. 752 CHESTNUT

**A6
 Target
 Property**

**SAN MATEO COUNTY CORP YARD
 752 CHESTNUT
 REDWOOD CITY, CA 94063**

**San Mateo Co. BI S113755811
 N/A**

Site 6 of 8 in cluster A

**Actual:
 14 ft.**

San Mateo Co. BI:
 Region: SAN MATEO
 Facility ID: FA0012470
 Prog Element Code: ABOVE GROUND TANK/SPCC
 Record Id: PR0046877
 Description: ABOVE GROUND TANK/SPCC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN MATEO COUNTY CORP YARD (Continued)

S113755811

Region: SAN MATEO
Facility ID: FA0012470
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011292
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Region: SAN MATEO
Facility ID: FA0012470
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0023493
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF

**A7
Target
Property**

**COUNTY OF SAN MATEO DPW
752 CHESTNUT STREET
REDWOOD CITY, CA 94063**

**EMI S107620759
N/A**

Site 7 of 8 in cluster A

**Actual:
14 ft.**

EMI:
Year: 2004
County Code: 41
Air Basin: SF
Facility ID: 14813
Air District Name: BA
SIC Code: 9621
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0.001
NOX - Oxides of Nitrogen Tons/Yr: 0.004
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2005
County Code: 41
Air Basin: SF
Facility ID: 14813
Air District Name: BA
SIC Code: 9621
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: .001
NOX - Oxides of Nitrogen Tons/Yr: .004
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2008
County Code: 41
Air Basin: SF
Facility ID: 14813
Air District Name: BA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COUNTY OF SAN MATEO DPW (Continued)

S107620759

SIC Code: 9621
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: .002
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2009
County Code: 41
Air Basin: SF
Facility ID: 14813
Air District Name: BA
SIC Code: 9621
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0.002
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2010
County Code: 41
Air Basin: SF
Facility ID: 14813
Air District Name: BA
SIC Code: 9621
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 4.0000000000000001E-3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2011
County Code: 41
Air Basin: SF
Facility ID: 14813
Air District Name: BA
SIC Code: 9621
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COUNTY OF SAN MATEO DPW (Continued)

S107620759

Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0.004
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2012
 County Code: 41
 Air Basin: SF
 Facility ID: 14813
 Air District Name: BA
 SIC Code: 9621
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0.002
 NOX - Oxides of Nitrogen Tons/Yr: 0.004
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

**A8
 Target
 Property**

**GRANT YARD, S.M.C.
 752 CHESTNUT STREET
 REDWOOD CITY, CA 94063**

**LUST U001594561
 HIST UST N/A**

Site 8 of 8 in cluster A

**Actual:
 14 ft.**

LUST:
 Region: STATE
 Global Id: T0608116125
 Latitude: 37.48412993431
 Longitude: -122.219080924988
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 05/19/2014
 Lead Agency: SAN MATEO COUNTY LOP
 Case Worker: DGM
 Local Agency: SAN MATEO COUNTY LOP
 RB Case Number: 41-4016
 LOC Case Number: 330174
 File Location: Local Agency
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: Extracted from ERI's December 12, 2007 Evaluation of Case Closure Criteria report in Geotracker, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. 1951 One 500-gallon single-walled used-oil tank and one 6,000-gallon single-walled UST were installed at the subject site. 1955 One 2,000-gallon single-walled UST and three 6,000-gallon single-walled USTs were installed at the subject site. There are no records available that indicate whether or not the 500-gallon used-oil tank and 6,000-gallon UST tank installed in 1951 were removed. February 1999 The County oversaw the removal of four USTs on February 16, 1999. One 2,000-gallon and three 6,000-gallon tanks were removed as a result of upgrading the fueling system. There were no visible holes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT YARD, S.M.C. (Continued)

U001594561

or leaks apparent in the USTs. Soil samples were collected from the UST excavation sidewalls prior to and following over-excavation, and from beneath the former dispensers, fuel pipelines, and vent line locations. Laboratory analytical results of the soil samples collected from beneath the former dispensers and associated piping indicate the presence of total petroleum hydrocarbons as diesel (TPHd) at concentrations up to 14 milligrams per kilogram (mg/kg), total petroleum hydrocarbons as gasoline (TPHg) up to 2.0 mg/kg, methyl tertiary butyl ether (MTBE) up to 0.65 mg/kg, and total lead up to 19 mg/kg. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) were not present above laboratory reporting limits in the samples collected from beneath the former dispensers and associated piping. Soil samples collected from the sidewalls of the UST excavation indicate the presence of TPHd up to 1,500 mg/kg, TPHg up to 79 mg/kg, MTBE up to 42 mg/kg, benzene up to 0.61 mg/kg, and total lead up to 17 mg/kg. Approximately 800 cubic yards of soil generated during the UST excavation was transported to County property (APN 095-220-140) located north of the San Mateo County Airport in San Carlos, California pending characterization for disposal and/or reuse as fill. October 2000 Atlas Engineering Services, Incorporated (Atlas) observed the installation of eight soil borings (B1 through B8) to evaluate the extent of hydrocarbon-impacted soil and groundwater adjacent to the former USTs. Concentrations of TPHd and TPHg were detected in soil samples collected from these borings at 1,500 mg/kg and 1,300 mg/kg, respectively. Concentrations of MTBE were detected in these samples up to 0.42 mg/kg. Concentrations of BTEX were detected in soil samples up to 3.4 mg/kg, 2.6 mg/kg, 43 mg/kg, and 150 mg/kg, respectively. March 2002 Atlas observed the installation of three groundwater monitoring wells (MW-1 through MW-3) to evaluate the lateral extent of dissolved-phase petroleum hydrocarbons in groundwater, the groundwater flow direction, and the hydraulic gradient of groundwater underlying the site. Quarterly monitoring of these wells began during first quarter 2002. February 2003 Groundwater monitoring well MW-4 was installed on site near the former dispensers. November 2003 ERI collected soil samples from the stockpile located at the Airport for analyses. The results of the analyses indicated that the total lead concentrations precluded acceptance for disposal at select landfills. June 2006 ERI observed the drilling of soil boring B9 at the subject site. Soil boring B9 was advanced to 20 fbgs to assess groundwater north of the former USTs and in the vicinity of previous soil borings B5 and B6. Groundwater monitoring has been conducted episodically at the site since March 2002. Since February 2005, monitoring has been performed annually, during the first quarter of each year. ERI performed a file review at the County, a well completion records search at the DWR, and a thorough review of ERI records and archives. ERI was unable to gather any information on the history of the 1951 an

[Click here to access the California GeoTracker records for this facility:](#)

Contact:
Global Id: T0608116125
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT YARD, S.M.C. (Continued)

U001594561

Phone Number: 6503726292

Global Id: T0608116125
Contact Type: Regional Board Caseworker
Contact Name: Cheryl L. Prowell
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 Clay Street, Suite 1400
City: Oakland
Email: cprowell@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0608116125
Status: Open - Site Assessment
Status Date: 10/01/2000

Global Id: T0608116125
Status: Open - Verification Monitoring
Status Date: 03/28/2003

Global Id: T0608116125
Status: Completed - Case Closed
Status Date: 05/19/2014

Global Id: T0608116125
Status: Open - Eligible for Closure
Status Date: 07/31/2013

Global Id: T0608116125
Status: Open - Case Begin Date
Status Date: 02/16/1999

Regulatory Activities:

Global Id: T0608116125
Action Type: RESPONSE
Date: 09/15/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608116125
Action Type: RESPONSE
Date: 06/29/2006
Action: Electronic Reporting Submittal Due

Global Id: T0608116125
Action Type: RESPONSE
Date: 06/09/2004
Action: Electronic Reporting Submittal Due

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 09/25/2013
Action: Notification - Preclosure - #20130925

Global Id: T0608116125
Action Type: REMEDIATION
Date: 01/01/1950

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT YARD, S.M.C. (Continued)

U001594561

Action: Excavation

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 11/29/2004
Action: Staff Letter - #20041129A

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 04/30/2008
Action: Staff Letter - #20080430

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 08/05/2009
Action: Staff Letter - #20090805

Global Id: T0608116125
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Annually

Global Id: T0608116125
Action Type: RESPONSE
Date: 08/31/2010
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0608116125
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Annually

Global Id: T0608116125
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Annually

Global Id: T0608116125
Action Type: RESPONSE
Date: 06/09/2004
Action: Other Report / Document

Global Id: T0608116125
Action Type: RESPONSE
Date: 12/01/2008
Action: Soil and Water Investigation Report

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 03/09/2006
Action: Staff Letter - #20060309

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 11/29/2004
Action: Staff Letter - #20041129B

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT YARD, S.M.C. (Continued)

U001594561

Global Id:	T0608116125
Action Type:	ENFORCEMENT
Date:	06/18/2007
Action:	Staff Letter - #20070618
Global Id:	T0608116125
Action Type:	ENFORCEMENT
Date:	05/05/2004
Action:	Staff Letter - #20040505B
Global Id:	T0608116125
Action Type:	RESPONSE
Date:	04/16/2010
Action:	Monitoring Report - Other
Global Id:	T0608116125
Action Type:	ENFORCEMENT
Date:	09/25/2013
Action:	Notification - Preclosure - #20130925
Global Id:	T0608116125
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0608116125
Action Type:	ENFORCEMENT
Date:	12/02/2013
Action:	Staff Letter - #20131202
Global Id:	T0608116125
Action Type:	ENFORCEMENT
Date:	02/23/1999
Action:	Notice of Responsibility - #19990223
Global Id:	T0608116125
Action Type:	ENFORCEMENT
Date:	02/25/2010
Action:	Technical Correspondence / Assistance / Other - #20100225
Global Id:	T0608116125
Action Type:	RESPONSE
Date:	08/14/2009
Action:	CAP/RAP - Other Report
Global Id:	T0608116125
Action Type:	RESPONSE
Date:	07/06/2003
Action:	Soil and Water Investigation Workplan - Addendum
Global Id:	T0608116125
Action Type:	RESPONSE
Date:	06/11/2003
Action:	Well Installation Report
Global Id:	T0608116125
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT YARD, S.M.C. (Continued)

U001594561

Date: 10/16/2003
Action: Soil and Water Investigation Report

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 10/27/2008
Action: Staff Letter - #20081027

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 11/16/2010
Action: Staff Letter - #20101116

Global Id: T0608116125
Action Type: RESPONSE
Date: 06/11/2003
Action: Other Report / Document

Global Id: T0608116125
Action Type: RESPONSE
Date: 07/14/2004
Action: Soil and Water Investigation Report

Global Id: T0608116125
Action Type: RESPONSE
Date: 07/14/2004
Action: Monitoring Report - Semi-Annually

Global Id: T0608116125
Action Type: RESPONSE
Date: 05/16/2005
Action: Monitoring Report - Annually

Global Id: T0608116125
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Annually

Global Id: T0608116125
Action Type: RESPONSE
Date: 03/07/2005
Action: Soil and Water Investigation Report

Global Id: T0608116125
Action Type: RESPONSE
Date: 03/07/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 09/27/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0608116125
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Annually

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT YARD, S.M.C. (Continued)

U001594561

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 07/07/2005
Action: Staff Letter - #20050707

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 06/16/2003
Action: Staff Letter - #20030616

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 05/05/2004
Action: Staff Letter - #20040505A

Global Id: T0608116125
Action Type: RESPONSE
Date: 09/17/2007
Action: Soil and Water Investigation Workplan

Global Id: T0608116125
Action Type: RESPONSE
Date: 06/29/2006
Action: Soil and Water Investigation Report

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 09/24/2013
Action: Notification - Preclosure - #20130924

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 05/19/2014
Action: Closure/No Further Action Letter - #20140519

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 05/06/2003
Action: Staff Letter - #20030506

Global Id: T0608116125
Action Type: ENFORCEMENT
Date: 03/17/2010
Action: Staff Letter - #20100317

Global Id: T0608116125
Action Type: RESPONSE
Date: 09/15/2005
Action: Other Report / Document

Global Id: T0608116125
Action Type: RESPONSE
Date: 06/29/2006
Action: Other Report / Document

Global Id: T0608116125
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT YARD, S.M.C. (Continued)

U001594561

Date: 08/14/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608116125
Action Type: RESPONSE
Date: 11/28/2007
Action: Request for Closure

Global Id: T0608116125
Action Type: RESPONSE
Date: 08/14/2007
Action: Other Report / Document

Global Id: T0608116125
Action Type: RESPONSE
Date: 02/28/2014
Action: Well Destruction Report

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Post remedial action monitoring
Case Number: 330174
How Discovered: Tank Closure
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 10/1/2000
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 3/28/2003

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330174
Facility Status: 9- Case Closed
Global ID: T0608116125
APN Number: 054063180
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

HIST UST:

Region: STATE
Facility ID: 00000038775
Facility Type: Other
Other Type: ROAD MAINT. CORP. YA
Total Tanks: 0004
Contact Name: VERLE FAIRBANKS
Telephone: 3634145
Owner Name: COUNTY OF SAN MATEO, DEPT. OF
Owner Address: 590 HAMILTON STREET
Owner City,St,Zip: REDWOOD CITY, CA 94063

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT YARD, S.M.C. (Continued)

U001594561

Tank Num: 001
Container Num: 03
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: 01
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 003
Container Num: 02
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 004
Container Num: 04
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Visual

B9
NNW
< 1/8
0.026 mi.
136 ft.

ECONO TREE SERVICE
1914 SPRING
REDWOOD CITY, CA 94063

San Mateo Co. BI S113758367
N/A

Site 1 of 9 in cluster B

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0036753
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0053727
Description: GENERATES <27 GAL/YEAR

Actual:
13 ft.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

B10	KEN RICHARDSON PAINTING	San Mateo Co. BI	S113756883
NW	1900 SPRING		N/A
< 1/8	REDWOOD CITY, CA 94063		
0.034 mi.			
181 ft.	Site 2 of 9 in cluster B		

Relative:	San Mateo Co. BI:		
Lower	Region:	SAN MATEO	
	Facility ID:	FA0023048	
Actual:	Prog Element Code:	GENERATES <27 GAL/YEAR	
13 ft.	Record Id:	PR0026144	
	Description:	GENERATES <27 GAL/YEAR	

B11	ALL FENCE CO	San Mateo Co. BI	S113756923
NW	1900 SPRING		N/A
< 1/8	REDWOOD CITY, CA 94063		
0.034 mi.			
181 ft.	Site 3 of 9 in cluster B		

Relative:	San Mateo Co. BI:		
Lower	Region:	SAN MATEO	
	Facility ID:	FA0023235	
Actual:	Prog Element Code:	GENERATES <27 GAL/YEAR	
13 ft.	Record Id:	PR0028258	
	Description:	GENERATES <27 GAL/YEAR	
	Region:	SAN MATEO	
	Facility ID:	FA0023235	
	Prog Element Code:	STORES MV FUELS OR WASTE ONLY	
	Record Id:	PR0026725	
	Description:	STORES MV FUELS OR WASTE ONLY	

B12	ROHM & HAAS CALIFORNIA CORP	San Mateo Co. BI	S113756348
NW	1901 SPRING		N/A
< 1/8	REDWOOD CITY, CA 94063		
0.035 mi.			
187 ft.	Site 4 of 9 in cluster B		

Relative:	San Mateo Co. BI:		
Lower	Region:	SAN MATEO	
	Facility ID:	FA0017328	
Actual:	Prog Element Code:	UGT SERVICES/HR	
13 ft.	Record Id:	PR0022418	
	Description:	UGT SERVICES PER HOUR RATE	

B13	ROHM & HAAS CALIFORNIA CORP	CA FID UST	S101594049
NW	1901 SPRING ST	SWEEPS UST	N/A
< 1/8	REDWOOD CITY, CA 94063		
0.035 mi.			
187 ft.	Site 5 of 9 in cluster B		

Relative:	CA FID UST:		
Lower	Facility ID:	41004880	
	Regulated By:	UTNKA	
Actual:	Regulated ID:	Not reported	
13 ft.	Cortese Code:	Not reported	
	SIC Code:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROHM & HAAS CALIFORNIA CORP (Continued)

S101594049

Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 1901 SPRING ST
Mailing Address 2: Not reported
Mailing City,St,Zip: REDWOOD CITY 94063
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: Not reported
Comp Number: 330088
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

**B14
NW
< 1/8
0.040 mi.
209 ft.**

**DUOLITE INTERNATIONAL
800 CHESTNUT ST.
REDWOOD CITY, CA 94063
Site 6 of 9 in cluster B**

**RCRA-TSDF 1000293882
CERCLIS CAD990792335
CORRACTS
RCRA-SQG
FINDS
HIST UST
HWP
2020 COR ACTION**

**Relative:
Lower**

**Actual:
13 ft.**

RCRA-TSDF:
Date form received by agency: 09/01/1996
Facility name: DUOLITE INTERNATIONAL
Facility address: 800 CHESTNUT ST
REDWOOD CITY, CA 94063
EPA ID: CAD990792335
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Owner/Operator Summary:

Owner/operator name: ROHM AND HAAS CALIFORNIA INC
Owner/operator address: 717 N HARWOOD STREET
DALLAS, TX 75201
Owner/operator country: Not reported
Owner/operator telephone: (214) 745-2000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DIAMOND SHAMROCK CORPORATION
Owner/operator address: 717 N HARWOOD STREET
DALLAS, TX 75201
Owner/operator country: Not reported
Owner/operator telephone: (214) 745-2000
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996
Site name: DUOLITE INTERNATIONAL
Classification: Small Quantity Generator

Date form received by agency: 08/18/1980
Site name: DUOLITE INTERNATIONAL
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 05/31/1988
Event: RFA Completed

Event date: 06/01/1988
Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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DUOLITE INTERNATIONAL (Continued)

1000293882

Event date:	09/30/1988
Event:	Stabilization Construction Completed
Event date:	01/20/1993
Event:	Date For Remedy Selection (CM Imposed)
Event date:	01/20/1993
Event:	Date For Remedy Selection (CM Imposed)
Event date:	01/20/1993
Event:	RFI Imposition
Event date:	01/20/1993
Event:	CMS Imposition
Event date:	05/26/1993
Event:	RFI Workplan Approved
Event date:	08/03/1994
Event:	CA Prioritization, Facility or area was assigned a high corrective action priority.
Event date:	08/03/1994
Event:	Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.
Event date:	08/03/1994
Event:	Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.
Event date:	09/21/1995
Event:	RFA Completed, Assessment was a PA-Plus.
Event date:	06/21/1996
Event:	Corrective Measures Design Approved
Event date:	06/21/1996
Event:	CMI Workplan Approved
Event date:	06/21/1996
Event:	CMI Workplan Approved
Event date:	07/18/1997
Event:	RFI Approved
Event date:	07/18/1997
Event:	RFI Approved
Event date:	07/30/1997
Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
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DUOLITE INTERNATIONAL (Continued)

1000293882

reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 09/17/1997
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 09/17/1997
Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event date: 09/17/1997
Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event date: 09/18/1997
Event: CA Responsibility Referred To A Non-RCRA Federal Authority

Event date: 05/23/2000
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Event date: 05/23/2000
Event: RFA Completed

Event date: 12/28/2000
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 12/28/2000
Event: Current Human Exposures under Control, More information is needed to make a determination.

Event date: 12/28/2000
Event: Current Human Exposures under Control, More information is needed to make a determination.

Event date: 12/28/2000
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 09/23/2002
Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.

Event date: 09/23/2002
Event: CA800YE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Event date: 09/23/2002
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 09/23/2002
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 09/23/2002
Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.

Event date: 09/22/2003
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 09/22/2003
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 02/18/2010
Event: CA550RC

Event date: 02/18/2010
Event: CA550RC

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/29/1986
Date achieved compliance: 04/29/1986

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/14/1985
Date achieved compliance: 04/29/1986
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/07/1984
Date achieved compliance: 04/29/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/29/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/29/1986
Evaluation lead agency: State

Evaluation date: 03/14/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/29/1986
Evaluation lead agency: State

Evaluation date: 01/25/1985
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Evaluation date: 03/07/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/29/1986
Evaluation lead agency: State

CERCLIS:

Site ID: 0905119
EPA ID: CAD990792335
Facility County: SAN MATEO
Short Name: DUOLITE INTERNATIONAL
Congressional District: 11
IFMS ID: Not reported
SMSA Number: 7360
USGC Hydro Unit: 18050004
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Not on the NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Deferred to RCRA
Non NPL Status Date: 03/24/00
Site Fips Code: 06081
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 13003854.00000
Contact Name: Leslie Ramirez
Contact Tel: (415) 972-3978
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Alias Comments: Not reported
Site Description: Based on APA of 3/15/2000.

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 08/03/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 03/24/00
Priority Level: Deferred to RCRA (Subtitle C)
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

CORRACTS:

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19880601
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19940803
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: 19940803
Schedule end date: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19940803
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19940803
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19970917
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19970917
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 325181 325211

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: 19970917
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19970917
Action: CA750NO - Migration of Contaminated Groundwater under Control,
Unacceptable migration of contaminated groundwater is observed or
expected
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20100218
Action: CA550RC
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: 20100218
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19970718
Action: CA200 - RFI Approved
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19970918
Action: CA210 - CA Responsibility Referred To A Non-RCRA Federal Authority
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930120
Action: CA100 - RFI Imposition
NAICS Code(s): 325181 325211

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930120
Action: CA250 - CMS Imposition
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930120
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930120
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: 19930120
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19960621
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19960621
Action: CA450 - Corrective Measures Design Approved
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing

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DUOLITE INTERNATIONAL (Continued)

1000293882

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20030922
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing

Original schedule date: 20030922
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20030922
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20000523
Action: CA050 - RFA Completed
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing

Original schedule date: 20000622
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20000523
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing

Original schedule date: 20000622
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20020923
Action: CA750IN - Migration of Contaminated Groundwater under Control, More
information is needed to make a determination
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20020923
Action: CA800YE
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing

Original schedule date: 20020923
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20020923
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing

Original schedule date: 20020923
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20020923
Action: CA725IN - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing

Original schedule date: 20020923
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20020923
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930526
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 325181 325211

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20001228
Action: CA750NO - Migration of Contaminated Groundwater under Control,
Unacceptable migration of contaminated groundwater is observed or
expected

NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: 20001228
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20001228
Action: CA750NO - Migration of Contaminated Groundwater under Control,
Unacceptable migration of contaminated groundwater is observed or
expected

NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20001228
Action: CA725IN - Current Human Exposures Under Control, More information is
needed to make a determination

NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: 20001228
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20001228
Action: CA725IN - Current Human Exposures Under Control, More information is
needed to make a determination

NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Area Name: ENTIRE FACILITY
Actual Date: 19970730
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19880930
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD990792335
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19880531
Action: CA050 - RFA Completed
NAICS Code(s): 325181 325211
Alkalies and Chlorine Manufacturing
Plastics Material and Resin Manufacturing
Original schedule date: 19880531
Schedule end date: Not reported

FINDS:

Registry ID: 110000610107

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

HIST UST:

Region: STATE
Facility ID: 00000035467
Facility Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Other Type: PLASTICS
Total Tanks: 0003
Contact Name: LEIF SYRSTAD
Telephone: 4153690071
Owner Name: ROHM AND HAAS CALIFORNIA, INCO
Owner Address: 25500 WHITESELL STREET, P.O. B
Owner City,St,Zip: HAYWARD, CA 94540

Tank Num: 001
Container Num: 0003
Year Installed: 1970
Tank Capacity: 00020000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 12 inches
Leak Detection: None

Tank Num: 002
Container Num: 0001
Year Installed: 1975
Tank Capacity: 00027500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0.25 inches
Leak Detection: Visual, Sensor Instrument

Tank Num: 003
Container Num: 0002
Year Installed: 1984
Tank Capacity: 00005000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 12 inches
Leak Detection: Not reported

HWP:

EPA Id: CAD990792335
Cleanup Status: UNDERGOING CLOSURE
Latitude: 37.48385
Longitude: -122.2192
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 22
Senate District: 13
Public Information Officer: Not reported

Activities:

EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION RECEIVED
Actual Date: 10/02/1986

EPA Id: CAD990792335

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/19/1980

EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 08/01/1983

EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 06/10/1990

EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 05/16/1983

EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 06/10/1985

EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 05/09/1984

EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION APPROVED
Actual Date: 06/10/1985

Closure:

EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 06/10/1985

EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY
Actual Date: 10/31/1987

EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUOLITE INTERNATIONAL (Continued)

1000293882

Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 10/30/1987

EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 01/29/1985

Alias:
EPA Id: CAD990792335
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110000610107

2020 COR ACTION:
EPA ID: CAD990792335
Region: 9
Action: Not reported

B15 **ROHM & HAAS**
NW **800 CHESTNUT**
< 1/8 **REDWOOD CITY, CA 94063**
0.040 mi.
209 ft. **Site 7 of 9 in cluster B**

LUST **S104493980**
SLIC **N/A**
ENVIROSTOR

Relative: LUST REG 2:
Lower Region: 2
Facility Id: 41-1142
Actual: Facility Status: Post remedial action monitoring
13 ft. Case Number: 339018
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: 6/21/1996
Date Remediation Action Underway: 9/6/1996
Date Post Remedial Action Monitoring Began: 7/18/1997

SLIC:
Region: STATE
Facility Status: **Open - Verification Monitoring**
Status Date: 12/01/1998
Global Id: SL20221839
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.48514812
Longitude: -122.218868
Case Type: Cleanup Program Site
Case Worker: DIB
Local Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROHM & HAAS (Continued)

S104493980

RB Case Number: 41S0019
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History: The groundwater plume has co-mingled with downgradient plumes. Onsite contamination has been remediated; long-term monitoring of offsite plume. Site has been completely redeveloped into an office park since ~2001. Despite listing on some databases, this was never a Superfund or NPL site.

[Click here to access the California GeoTracker records for this facility:](#)

ENVIROSTOR:

Facility ID: 80001511
Status: Refer: RWQCB
Status Date: 05/10/2011
Site Code: 200393
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 11
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.48509
Longitude: -122.2185
APN: NONE SPECIFIED
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MANUFACTURING - CHEMICALS
Potential COC: Tetrachloroethylene (PCE) Trichloroethylene (TCE) Chlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene
Confirmed COC: Tetrachloroethylene (PCE) 1,2-Dichlorobenzene 1,4-Dichlorobenzene Trichloroethylene (TCE) 1,3-Dichlorobenzene Chlorobenzene
Potential Description: AQUI, SOIL, SV
Alias Name: CAD990792335
Alias Type: EPA Identification Number
Alias Name: 110000610107
Alias Type: EPA (FRS #)
Alias Name: SL20221839
Alias Type: GeoTracker Global ID
Alias Name: 200393
Alias Type: Project Code (Site Code)
Alias Name: 80001511
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROHM & HAAS (Continued)

S104493980

Completed Date: 05/31/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 09/17/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/23/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measure Implementation Workplan
Completed Date: 06/21/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 07/18/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 05/26/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 06/01/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 09/30/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/21/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 03/23/2000
Comments: Completed.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROHM & HAAS (Continued)

S104493980

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/07/1983
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/04/1982
Comments: Received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 12/16/1982
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Remedy Selected
Completed Date: 01/20/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 09/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 01/20/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 09/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 12/28/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/19/1981
Comments: Send.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROHM & HAAS (Continued)

S104493980

Completed Date: 03/08/1984
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/07/1984
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 04/30/1981
Comments: Send.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed
Completed Date: 02/18/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 05/23/2000
Comments: Report received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 08/03/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 01/20/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 12/28/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 09/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 09/21/1995
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROHM & HAAS (Continued)

S104493980

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/16/1984
Comments: Send.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

B16
NW
< 1/8
0.040 mi.
209 ft.

WOODSPRING CENTER
800-898 CHESTNUT STREET
REDWOOD CITY, CA 94063
Site 8 of 9 in cluster B

ENVIROSTOR S101482210
N/A

Relative:
Lower

ENVIROSTOR:

Facility ID: 41280139
Status: Refer: RWQCB
Status Date: 08/30/2002
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 6.5
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.48361
Longitude: -122.2188
APN: NONE SPECIFIED
Past Use: MANUFACTURING - OTHER
Potential COC: Benzene Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Benzene
Potential Description: OTH, SOIL
Alias Name: ROHM AND HAAS
Alias Type: Alternate Name
Alias Name: 41280139
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODSPRING CENTER (Continued)

S101482210

Completed Date: 01/12/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/15/1993
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

**B17
NW
< 1/8
0.040 mi.
209 ft.**

**800 CHESTNUT (ROHM AND HAAS)
800 CHESTNUT STREET
REDWOOD CITY, CA**

**SLIC S106234999
N/A**

Site 9 of 9 in cluster B

**Relative:
Lower**

SLIC REG 2:

Region: 2
Facility ID: 41S0019
Facility Status: Post remedial action monitoring
Date Closed: Not reported
Local Case #: Not reported
How Discovered: DVA
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:
13 ft.**

**18
NE
< 1/8
0.096 mi.
505 ft.**

**BRISTOL MYERS SQUIBB
700 BAY RD
REDWOOD CITY, CA 94063**

**RCRA-LQG 1008194827
CAR000161505**

**Relative:
Lower**

RCRA-LQG:

Date form received by agency: 08/04/2011
Facility name: BRISTOL MYERS SQUIBB
Facility address: 700 BAY RD
REDWOOD CITY, CA 94063
EPA ID: CAR000161505
Contact: IKE MENDOZA
Contact address: 1324 COTTONWOOD DR

**Actual:
13 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRISTOL MYERS SQUIBB (Continued)

1008194827

SUNNYVALE, CA 94089
Contact country: US
Contact telephone: 408-545-2810
Contact email: IKE.MENDOZA@BMS.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: RREEF
Owner/operator address: 2185 N CALIFORNIA BLVD STE 285
WALNUT CREEK, CA 94596

Owner/operator country: US
Owner/operator telephone: 925-934-6111
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2008
Owner/Op end date: Not reported

Owner/operator name: BRISTOL MYERS SQUIBB
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/16/2011
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRISTOL MYERS SQUIBB (Continued)

1008194827

Historical Generators:

Date form received by agency: 06/21/2010
Site name: PIONEER HI BRED INTL
Classification: Not a generator, verified

Date form received by agency: 03/22/2005
Site name: PIONEER HI BRED INTL
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: 212
Waste name: 212

Waste code: 214
Waste name: 214

Waste code: 352
Waste name: 352

Waste code: 541
Waste name: 541

Waste code: 551
Waste name: 551

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-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.

Waste code: D002
Waste name: 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.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D005
Waste name: BARIUM

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRISTOL MYERS SQUIBB (Continued)

1008194827

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROETHANE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P005
Waste name: ALLYL ALCOHOL

Violation Status: No violations found

C19
East
< 1/8
0.102 mi.
539 ft.

DE PUGLIA'S SPEED SHOP
2001 SPRING
REDWOOD CITY, CA 94063

San Mateo Co. BI S113757843
N/A

Site 1 of 2 in cluster C

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0027761
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0044821
Description: GENERATES <27 GAL/YEAR

C20
East
< 1/8
0.102 mi.
539 ft.

BRITISH EUROPEAN MOTORS
2001 SPRING
REDWOOD CITY, CA 94063

San Mateo Co. BI S113759068
N/A

Site 2 of 2 in cluster C

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0052116
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT

Actual:
13 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRITISH EUROPEAN MOTORS (Continued)

S113759068

Record Id: PR0072296
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Region: SAN MATEO
Facility ID: FA0052116
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0072295
Description: STORES MV FUELS OR WASTE ONLY

D21
North
< 1/8
0.110 mi.
581 ft.

PIONEER HI BRED INTL INC
700 BAY
REDWOOD CITY, CA 94063
Site 1 of 6 in cluster D

San Mateo Co. BI S113758277
N/A

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0032759
Prog Element Code: GEN <1 TONS HAZ WASTE/YR
Record Id: PR0052014
Description: GEN <1 TONS HAZ WASTE/YR

Actual:
12 ft.

Region: SAN MATEO
Facility ID: FA0032759
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0052013
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

D22
North
< 1/8
0.110 mi.
581 ft.

BRISTOL MYERS SQUIBB COMPANY
700 BAY
REDWOOD CITY, CA 94063
Site 2 of 6 in cluster D

San Mateo Co. BI S113759080
N/A

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0052334
Prog Element Code: GEN 6-25 TONS HAZ WASTE/YR
Record Id: PR0072596
Description: GEN 6-25 TONS HAZ WASTE/YR

Actual:
12 ft.

Region: SAN MATEO
Facility ID: FA0052334
Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
Record Id: PR0072595
Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D23
North
< 1/8
0.110 mi.
581 ft.

HEARTPORT INC
700 BAY
REDWOOD CITY, CA 94063

San Mateo Co. BI **S113757548**
N/A

Site 3 of 6 in cluster D

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0026750
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0039566
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Actual:
12 ft.

Region: SAN MATEO
Facility ID: FA0026750
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0039565
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

D24
North
< 1/8
0.110 mi.
581 ft.

DELTAGEN INC
700 BAY
REDWOOD CITY, CA 94063

San Mateo Co. BI **S113757642**
N/A

Site 4 of 6 in cluster D

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0027070
Prog Element Code: GEN <1 TONS HAZ WASTE/YR
Record Id: PR0042577
Description: GEN <1 TONS HAZ WASTE/YR

Actual:
12 ft.

Region: SAN MATEO
Facility ID: FA0027070
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0042578
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

25
NNW
< 1/8
0.115 mi.
605 ft.

ROHM&HAAS/OCCIDENTAL CHEM
800 CHESNUT
REDWOOD CITY, CA 94063

Cortese **S105025722**
HIST CORTESE **N/A**
ENF

Relative:
Lower

CORTESE:
Region: CORTESE
Envirostor Id: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported

Actual:
12 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROHM&HAAS/OCCIDENTAL CHEM (Continued)

S105025722

Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 2
WID Id: 2 417146N01
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 41
Reg By: WBC&D
Reg Id: 2 417146N01

ENF:

Region: 2
Facility Id: 253221
Agency Name: Maxus Energy
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: 2821
SIC Desc 1: Plastics Material and Synthetic Resins, and Nonvulcanizable Elastomers
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UNREGS
Program Category1: UNREGS
Program Category2: UNREGS
Of Programs: 1
WDID: 2 417146N01
Reg Measure Id: 162449
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROHM&HAAS/OCCIDENTAL CHEM (Continued)

S105025722

Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	223054
Region:	2
Order / Resolution Number:	93-004
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	01/20/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 417146N01
Description:	SCR-
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

E26
SSW
 < 1/8
 0.119 mi.
 627 ft.

BAY AREA BANNERS & FLAGS
527 SPRUCE
REDWOOD CITY, CA 94063
 Site 1 of 2 in cluster E

San Mateo Co. BI S113757107
N/A

Relative:
Higher

San Mateo Co. BI:	
Region:	SAN MATEO
Facility ID:	FA0024274
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0028824
Description:	GENERATES <27 GAL/YEAR

Actual:
 16 ft.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D27 **FOXHOLLOW TECHNOLOGIES, INC** **San Mateo Co. BI** **S113758027**
NNE **740 BAY** **N/A**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.127 mi.
669 ft. **Site 5 of 6 in cluster D**

Relative: San Mateo Co. BI:
Lower Region: SAN MATEO
 Facility ID: FA0028665
Actual: Prog Element Code: GEN 1-5 TONS HAZ WASTE/YR
13 ft. Record Id: PR0048010
 Description: GEN 1-5 TONS HAZ WASTE/YR

 Region: SAN MATEO
 Facility ID: FA0028665
 Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
 Record Id: PR0047941
 Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF

D28 **ARSTASIS, INC.** **San Mateo Co. BI** **S106798021**
NNE **740 BAY** **N/A**
1/8-1/4 **REDWOOD CITY, 94 94063**
0.127 mi.
669 ft. **Site 6 of 6 in cluster D**

Relative: San Mateo Co. BI:
Lower Region: SAN MATEO
 Facility ID: FA0052040
Actual: Prog Element Code: GENERATES <27 GAL/YEAR
13 ft. Record Id: PR0072133
 Description: GENERATES <27 GAL/YEAR

 Region: SAN MATEO
 Facility ID: FA0052040
 Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
 Record Id: PR0072132
 Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

F29 **ARCO #0306** **LUST** **S101303167**
WSW **1700 MIDDLEFIELD** **N/A**
1/8-1/4 **REDWOOD CITY, CA 94064**
0.138 mi.
730 ft. **Site 1 of 7 in cluster F**

Relative: LUST REG 2:
Higher Region: 2
 Facility Id: Not reported
Actual: Facility Status: Remedial action (cleanup) Underway
16 ft. Case Number: 330019
 How Discovered: OM
 Leak Cause: Unknown
 Leak Source: Unknown
 Date Leak Confirmed: Not reported
 Oversight Program: LUST
 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
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #0306 (Continued)

S101303167

Date Remediation Action Underway: 1/1/1965
Date Post Remedial Action Monitoring Began: Not reported

F30
WSW
1/8-1/4
0.139 mi.
732 ft.

JOSE R VEGA
1700 MIDDLEFIELD RD
REDWOOD CITY, CA 94063

HIST UST **U001594569**
N/A

Site 2 of 7 in cluster F

Relative:
Higher

HIST UST:

Actual:
16 ft.

Region: STATE
Facility ID: 00000026907
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: Not reported
Telephone: 0000000000
Owner Name: ARCO PETROLEUM PRODUCTS CO.
Owner Address: 515 SOUTH FLOWER STREET
Owner City,St,Zip: LOS ANGELES, CA 90071

Tank Num: 001
Container Num: 0000000001
Year Installed: 1969
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 0000240 inches
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 0000000002
Year Installed: 1969
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 0000240 inches
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 0000000003
Year Installed: 1969
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 0000240 inches
Leak Detection: Stock Inventor, 10

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

F31 **VEGA ARCO AM/PM**
WSW **1700 MIDDLEFIELD RD**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.139 mi.
732 ft. **Site 3 of 7 in cluster F**

HIST UST **U001594614**
 N/A

Relative: HIST UST:
Higher Region: STATE
 Facility ID: 00000033002
Actual: Facility Type: Gas Station
16 ft. Other Type: Not reported
 Total Tanks: 0003
 Contact Name: JOSE R. VEGA
 Telephone: 4153652583
 Owner Name: ATLANTIC RICHFIELD COMPANY
 Owner Address: 2000 ALAMEDA DE LAS PULEAS
 Owner City,St,Zip: SAN MATEO, CA 94403

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00006000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Pressure Test

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00006000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Pressure Test

Tank Num: 003
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00006000
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Tank Construction: Not reported
 Leak Detection: Pressure Test

F32 **ARCO FAILITY #306**
WSW **1700 MIDDLEFIELD RD**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.139 mi.
732 ft. **Site 4 of 7 in cluster F**

HIST CORTESE **S101438021**
 LUST **N/A**
 SWEEPS UST

Relative: HIST CORTESE:
Higher Region: CORTESE
 Facility County Code: 41
Actual: Reg By: LTNKA
16 ft. Reg Id: 41-0029

LUST:
 Region: STATE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Global Id: T0608100028
Latitude: 37.4818546489728
Longitude: -122.221576049924
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 04/14/2009
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0029
LOC Case Number: 330019
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Extracted from Stantec's FEBRUARY 9, 2010 ADDITIONAL SITE ASSESSMENT REPORT AND SITE CONCEPTUAL MODEL, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site is located at the southern corner of the intersection of Chestnut Street and Middlefield Road in Redwood City, California. The site is currently developed as a retail ARCO service station with an approximately 1,500-square foot, one-story station building, a fuel dispenser island, and an underground storage tank (UST) complex comprised of four 10,000-gallon gasoline USTs. The site and vicinity currently have eleven groundwater monitoring wells (A-1 through A-4, A-6 through A-8, and A-10 through A-13), three groundwater extraction wells (EW-1, EW-5, and EW-11), two tank cavity wells (TCW-1 and TCW-2), and six shallow soil vapor wells (SV-1 through SV-6). The adjacent property east of the site (1726 Middlefield Road) had a shallow irrigation well on their property. A soil and groundwater investigation status report by PEG dated September 2, 1988, indicates that an investigation was performed in response to the discovery of over one foot of floating product or separate phase hydrocarbons (SPH) in the irrigation well. At an undetermined time, San Mateo County was contacted by the property owner to investigate petroleum hydrocarbon vapors in the cellar at the property. Subsequently, San Mateo County investigated the complaint and did not detect any hydrocarbon vapors at the residence. San Mateo County requested the property owner to abandon the unpermitted irrigation well. The well construction details, and installation and/or abandonment dates are unknown. A subsequent well survey conducted by SECOR in 1999 indicated that the well had been abandoned. A 550-gallon waste oil UST was reportedly removed from the site prior to 1988. In July 1988, a soil and groundwater investigation was performed that included installation of four groundwater monitoring wells (A-1 through A-4). Laboratory analysis of soil and groundwater samples collected during the assessment indicated petroleum hydrocarbon impacts to the subsurface. Concentrations of low boiling point hydrocarbons (calculated as gasoline), and high boiling point hydrocarbons (calculated as diesel and oil) were reported in the samples collected. A laboratory note indicates that high boiling hydrocarbons calculated and reported as diesel appeared to be the less volatile constituents of gasoline. In November 1989, a soil gas survey was performed at and in the vicinity of the site utilizing sixteen temporary vapor sample points (VP-1 through VP-16). The soil gas survey confirmed the presence of petroleum hydrocarbon vapors in the subsurface at the site. The highest soil vapor concentration of Total

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Hydrocarbons as gasoline and benzene, toluene, ethylbenzene, and xylenes was detected in vapor point VP-5, located adjacent to the former gasoline UST cavity. Groundwater monitoring wells A-5 through A-10 were installed during this phase of investigation. In June 1990, monitoring well A-9 was destroyed to allow Redwood City to install a water main in the intersection of Middlefield Road and Chestnut Street. On August 15, 1990, excavation work by the Redwood City Department of Public Works revealed approximately two-inches of SPH and gasoline odors in an excavation located near the intersection of Middlefield Road and Chestnut Street. SPH and groundwater were reportedly removed from the excavation before it was backfilled. Conductor casing was placed in the excavation before backfilling to allow for installation of a future extraction well. In September 1990, GeoStrategies Incorporated (GSI) performed two aquifer tests including a step-down test and constant-rate yield test using EW-5 (formerly A-5) as the extraction well, while measuring aquifer drawdown in A-3 and A-4. The aquifer tests were performed to facili

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100028
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100028
Contact Type: Regional Board Caseworker
Contact Name: JOLANTA UCHMAN
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: juchman@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0608100028
Status: Open - Site Assessment
Status Date: 04/14/2009

Global Id: T0608100028
Status: Open - Remediation
Status Date: 07/05/1988

Global Id: T0608100028
Status: Open - Case Begin Date
Status Date: 07/05/1988

Regulatory Activities:

Global Id: T0608100028
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Global Id:	T0608100028
Action Type:	ENFORCEMENT
Date:	09/16/2011
Action:	Staff Letter - #20110916
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	05/29/2014
Action:	Soil and Water Investigation Workplan - Addendum - Regulator Responded
Global Id:	T0608100028
Action Type:	ENFORCEMENT
Date:	01/03/2013
Action:	Staff Letter - #20130103
Global Id:	T0608100028
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation
Global Id:	T0608100028
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Other (Use Description Field)
Global Id:	T0608100028
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation
Global Id:	T0608100028
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0608100028
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0608100028
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0608100028
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0608100028
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation
Global Id:	T0608100028
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Date: 10/13/2010
Action: Staff Letter - #20101013

Global Id: T0608100028
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100028
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100028
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100028
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100028
Action Type: RESPONSE
Date: 08/12/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608100028
Action Type: RESPONSE
Date: 08/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100028
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100028
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100028
Action Type: RESPONSE
Date: 05/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100028
Action Type: RESPONSE
Date: 01/09/2012
Action: Pilot Study / Treatability Workplan

Global Id: T0608100028
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Semi-Annually

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Global Id:	T0608100028
Action Type:	RESPONSE
Date:	11/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	01/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	01/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	02/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	02/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	02/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	11/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	08/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	01/03/2006
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	07/16/2007
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	03/12/2008
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0608100028
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100028
Action Type: RESPONSE
Date: 02/24/2009
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608100028
Action Type: RESPONSE
Date: 12/01/2009
Action: Soil and Water Investigation Report

Global Id: T0608100028
Action Type: RESPONSE
Date: 11/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100028
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0608100028
Action Type: RESPONSE
Date: 05/15/2013
Action: Monitoring Report - Annually

Global Id: T0608100028
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100028
Action Type: RESPONSE
Date: 01/06/2012
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608100028
Action Type: RESPONSE
Date: 09/30/2014
Action: Site Assessment Report

Global Id: T0608100028
Action Type: RESPONSE
Date: 09/15/2010
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100028
Action Type: ENFORCEMENT
Date: 07/23/2013
Action: Staff Letter - #20130723

Global Id: T0608100028
Action Type: ENFORCEMENT
Date: 07/02/2009
Action: Staff Letter - #20090702

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Global Id:	T0608100028
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	04/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	04/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	05/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	05/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	07/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	05/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	02/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0608100028
Action Type:	ENFORCEMENT
Date:	11/19/2013
Action:	Staff Letter - #20131119
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	11/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100028
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Date: 11/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100028
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100028
Action Type: REMEDIATION
Date: 01/01/1950
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100028
Action Type: ENFORCEMENT
Date: 07/06/2010
Action: Staff Letter - #20100706

Global Id: T0608100028
Action Type: RESPONSE
Date: 04/15/2015
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608100028
Action Type: RESPONSE
Date: 04/04/2011
Action: Site Assessment Report

Global Id: T0608100028
Action Type: RESPONSE
Date: 09/12/2012
Action: Pilot Study/ Treatability Report

Global Id: T0608100028
Action Type: ENFORCEMENT
Date: 06/19/2012
Action: Staff Letter - #20120619

Global Id: T0608100028
Action Type: ENFORCEMENT
Date: 02/16/1989
Action: Notice of Responsibility - #1

Global Id: T0608100028
Action Type: ENFORCEMENT
Date: 09/10/2002
Action: Staff Letter - #20020910

Global Id: T0608100028
Action Type: ENFORCEMENT
Date: 05/17/2007
Action: Staff Letter - #20070517

Global Id: T0608100028
Action Type: ENFORCEMENT
Date: 01/03/2008
Action: Staff Letter - #20080103

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Global Id:	T0608100028
Action Type:	ENFORCEMENT
Date:	09/15/2005
Action:	Staff Letter - #20050915
Global Id:	T0608100028
Action Type:	ENFORCEMENT
Date:	01/21/2005
Action:	Staff Letter - #20050121
Global Id:	T0608100028
Action Type:	ENFORCEMENT
Date:	07/17/2014
Action:	Technical Correspondence / Assistance / Other - #7/17/2014
Global Id:	T0608100028
Action Type:	ENFORCEMENT
Date:	03/25/2014
Action:	Staff Letter - #20140325
Global Id:	T0608100028
Action Type:	ENFORCEMENT
Date:	06/25/2014
Action:	Technical Correspondence / Assistance / Other - #20140625
Global Id:	T0608100028
Action Type:	ENFORCEMENT
Date:	05/13/2009
Action:	Staff Letter - #20090513
Global Id:	T0608100028
Action Type:	ENFORCEMENT
Date:	09/16/2011
Action:	Staff Letter - #20110916
Global Id:	T0608100028
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0608100028
Action Type:	ENFORCEMENT
Date:	12/17/2008
Action:	Staff Letter - #20081217
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	04/28/2013
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0608100028
Action Type:	RESPONSE
Date:	12/19/2013
Action:	Correspondence
Global Id:	T0608100028
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Date: 12/19/2013
Action: Electronic Reporting Submittal Due

Global Id: T0608100028
Action Type: RESPONSE
Date: 09/23/2013
Action: Other Workplan - Regulator Responded

Global Id: T0608100028
Action Type: RESPONSE
Date: 01/30/2014
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0608100028
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100028
Action Type: REMEDIATION
Date: 01/01/1950
Action: Free Product Removal

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330019
Facility Status: 7- Remedial Action Underway
Global ID: T0608100028
APN Number: 053162150
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SWEEPS UST:

Status: Not reported
Comp Number: 330073
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330073-000005
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 3

Status: Not reported
Comp Number: 330073
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330073-000006
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 330073
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330073-000007
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 330073
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-18-94
Action Date: 05-18-94
Created Date: 10-13-88
Owner Tank Id: 1
SWRCB Tank Id: 41-000-330073-000001
Tank Status: A
Capacity: 10000
Active Date: 04-07-94
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Status: Active
Comp Number: 330073
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-18-94
Action Date: 05-18-94
Created Date: 10-13-88
Owner Tank Id: 2
SWRCB Tank Id: 41-000-330073-000002
Tank Status: A
Capacity: 10000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO FAILITY #306 (Continued)

S101438021

Active Date: 04-07-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 330073
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-18-94
Action Date: 05-18-94
Created Date: 10-13-88
Owner Tank Id: 3
SWRCB Tank Id: 41-000-330073-000003
Tank Status: A
Capacity: 10000
Active Date: 04-07-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 330073
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-18-94
Action Date: 05-18-94
Created Date: 10-13-88
Owner Tank Id: 4
SWRCB Tank Id: 41-000-330073-000004
Tank Status: A
Capacity: 10000
Active Date: 04-07-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

F33
WSW
1/8-1/4
0.139 mi.
732 ft.

1700 MIDDLEFIELD RD
REDWOOD CITY, CA 94063
Site 5 of 7 in cluster F

EDR US Hist Auto Stat 1015265494
N/A

Relative:
Higher

EDR Historical Auto Stations:
Name: CHANDS GAS STATION
Year: 2004
Address: 1700 MIDDLEFIELD RD

Actual:
16 ft.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

F34
WSW
1/8-1/4
0.139 mi.
732 ft.

ARCO 00306
1700 MIDDLEFIELD
REDWOOD CITY, CA 94063

Site 6 of 7 in cluster F

San Mateo Co. BI **S113756336**
N/A

Relative:
Higher

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0017314
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0040094
Description: GENERATES <27 GAL/YEAR

Actual:
16 ft.

Region: SAN MATEO
Facility ID: FA0017314
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0023412
Description: STORES MV FUELS OR WASTE ONLY

Region: SAN MATEO
Facility ID: FA0017314
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022405
Description: UNDERGROUND TANK - GENERAL

F35
WSW
1/8-1/4
0.139 mi.
732 ft.

ARCO SERVICE STATION #306
1700 MIDDLEFIELD ROAD
REDWOOD CITY, CA 92257

Site 7 of 7 in cluster F

Notify 65 **S100178650**
N/A

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: 92257

Actual:
16 ft.

E36
South
1/8-1/4
0.154 mi.
813 ft.

COFFEE INN OF THE BAY REGION I
2024 MIDDLEFIELD RD
REDWOOD CITY, CA 94063

Site 2 of 2 in cluster E

HIST UST **U001594546**
N/A

Relative:
Higher

HIST UST:
Region: STATE
Facility ID: 00000012015
Facility Type: Other
Other Type: BEVERAGE WHOLESALER
Total Tanks: 0001
Contact Name: Not reported
Telephone: 4153641700
Owner Name: COFFEE INN OF THE BAY REGION I
Owner Address: 2024 MIDDLEFIELD ROAD
Owner City,St,Zip: REDWOOD CITY, CA 94063

Actual:
17 ft.

Tank Num: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COFFEE INN OF THE BAY REGION I (Continued)

U001594546

Container Num: 1
Year Installed: 1980
Tank Capacity: 00001950
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 3/16 inches
Leak Detection: Visual, Stock Inventor

G37 **ANNUZZIS CUSTOM CABINET**
South **2127 MIDDLEFIELD**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.162 mi.
855 ft. **Site 1 of 11 in cluster G**

San Mateo Co. BI **S113756095**
N/A

Relative:
Higher

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0015154
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0028185
Description: GENERATES <27 GAL/YEAR

Actual:
17 ft.

Region: SAN MATEO
Facility ID: FA0015154
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0003998
Description: STORES MV FUELS OR WASTE ONLY

G38 **ORCHARD SUPPLY HARDWARE #220**
South **2110 MIDDLEFIELD**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.163 mi.
859 ft. **Site 2 of 11 in cluster G**

San Mateo Co. BI **S113755598**
N/A

Relative:
Higher

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0010950
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0049359
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Actual:
17 ft.

Region: SAN MATEO
Facility ID: FA0010950
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0003879
Description: STORES MV FUELS OR WASTE ONLY

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

H39 **EFS WAREHOUSE/DATA CENTER**
East **801 WILLOW ST**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.167 mi.
883 ft. **Site 1 of 12 in cluster H**

HIST UST **U001594553**
 N/A

Relative: HIST UST:
Lower Region: STATE
 Facility ID: 00000051845
Actual: Facility Type: Gas Station
13 ft. Other Type: Not reported
 Total Tanks: 0003
 Contact Name: JOE BAUMANN
 Telephone: 4153678480
 Owner Name: EUREKA FEDERAL SAVINGS AND LOA
 Owner Address: 1250 SAN CARLOS AVENUE
 Owner City,St,Zip: SAN CARLOS, CA 94070

Tank Num: 001
 Container Num: 1
 Year Installed: 1979
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 003
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: None

G40
South **419 MANZANITA ST**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.172 mi.
906 ft. **Site 3 of 11 in cluster G**

EDR US Hist Auto Stat **1015484733**
 N/A

Relative: EDR Historical Auto Stations:
Higher Name: CLASSIC AUTO WORKS & TOWING
 Year: 1999
Actual: Address: 419 MANZANITA ST
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H41
East
1/8-1/4
0.175 mi.
926 ft.

EUREKA FEDERAL S&L DEL CAMP CTR
815 WILLOW ST
REDWOOD CITY, CA 94063

RCRA-SQG 1000203266
FINDS CAD982369837

Site 2 of 12 in cluster H

Relative:
Lower

RCRA-SQG:

Date form received by agency: 04/14/1988

Facility name: EUREKA FEDERAL S&L DEL CAMP CTR

Facility address: 815 WILLOW ST
REDWOOD CITY, CA 94063

EPA ID: CAD982369837

Mailing address: WILLOW ST
REDWOOD CITY, CA 94063

Contact: ENVIRONMENTAL MANAGER

Contact address: 815 WILLOW ST
REDWOOD CITY, CA 94063

Contact country: US

Contact telephone: (415) 365-8400

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: DEL CAMP INVESTMENTS

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: (415) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: (415) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EUREKA FEDERAL S&L DEL CAMP CTR (Continued)

1000203266

Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002802147

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

I42
 South
 1/8-1/4
 0.177 mi.
 937 ft.

CLASSIC AUTO WORKS & TOWING
 419 MANZANITA
 REDWOOD CITY, CA 94061

San Mateo Co. BI S113756091
 N/A

Site 1 of 3 in cluster I

Relative:
Higher

San Mateo Co. BI:
 Region: SAN MATEO
 Facility ID: FA0015129
 Prog Element Code: GENERATES <27 GAL/YEAR
 Record Id: PR0011360
 Description: GENERATES <27 GAL/YEAR

Actual:
 17 ft.

G43
 South
 1/8-1/4
 0.178 mi.
 941 ft.

JOHNS-MANVILLE PRODUCTS CORPORATION
 2200 MIDDLEFIELD ROAD
 REDWOOD CITY, CA 94063

ENVIROSTOR S101482202
 N/A

Site 4 of 11 in cluster G

Relative:
Higher

ENVIROSTOR:
 Facility ID: 41100001
 Status: Refer: Other Agency
 Status Date: 06/07/1994
 Site Code: Not reported
 Site Type: Evaluation
 Site Type Detailed: Evaluation
 Acres: 18
 NPL: NO
 Regulatory Agencies: RWQCB 2 - San Francisco Bay
 Lead Agency: RWQCB 2 - San Francisco Bay
 Program Manager: Not reported
 Supervisor: Denise Tsuji
 Division Branch: Cleanup Berkeley
 Assembly: 22

Actual:
 17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNS-MANVILLE PRODUCTS CORPORATION (Continued)

S101482202

Senate: 13
Special Program: * Site Char & Assess Grant (CERCLA 104)
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.47972
Longitude: -122.2172
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * CONTAMINATED SOIL Asbestos Containing Materials (ACM)
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: PRICE CLUB
Alias Type: Alternate Name
Alias Name: REDWOOD FOOD PACKING COMPANY
Alias Type: Alternate Name
Alias Name: CAD980674105
Alias Type: EPA Identification Number
Alias Name: 41100001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1985
Comments: SOURCE ACT: LETTER CO OF SAN MATEO 7/26/ 83 - MFG OF INSULATION MATLS
USING ASBST SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/21/2003
Comments: Site screening completed. Site referred to RWQCB.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/12/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: FACILITY IDENTIFIED INACTIVE SITE I.D'D IN INITIAL RESEARCH

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

G44
South
1/8-1/4
0.178 mi.
941 ft.

REDWOOD FOOD PACKING CO
2200 MIDDLEFIELD RD
REDWOOD CITY, CA 94063

CERC-NFRAP **1003878585**
CAD980674105

Site 5 of 11 in cluster G

Relative:
Higher

CERC-NFRAP:
 Site ID: 0901947
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:
17 ft.

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13288213.00000
 Person ID: 13003854.00000

 Contact Sequence ID: 13293808.00000
 Person ID: 13003858.00000

 Contact Sequence ID: 13299666.00000
 Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: JOHNS MANSVILLE CORP
 Alias Address: Not reported
 CA

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT
 Date Started: 06/01/85
 Date Completed: 01/01/86
 Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

 Action: ARCHIVE SITE
 Date Started: / /
 Date Completed: 01/01/86
 Priority Level: Not reported

 Action: DISCOVERY
 Date Started: / /
 Date Completed: 10/01/82
 Priority Level: Not reported

G45
SSE
1/8-1/4
0.179 mi.
946 ft.

RAY'S AUTO
2233 MIDDLEFIELD RD
REDWOOD CITY, CA 94062

HIST CORTESE **S103893028**
LUST **N/A**
SWEEPS UST

Site 6 of 11 in cluster G

Relative:
Higher

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 41
 Reg By: LTNKA
 Reg Id: 41-0354

Actual:
17 ft.

LUST:

Region: STATE
 Global Id: T0608191150

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAY'S AUTO (Continued)

S103893028

Latitude: 37.480541
Longitude: -122.217094
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/28/2007
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-1283
LOC Case Number: 330185
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0608191150
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608191150
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608191150
Status: Open - Site Assessment
Status Date: 05/01/2000

Global Id: T0608191150
Status: Open - Case Begin Date
Status Date: 05/01/2000

Global Id: T0608191150
Status: Completed - Case Closed
Status Date: 11/28/2007

Regulatory Activities:

Global Id: T0608191150
Action Type: ENFORCEMENT
Date: 03/27/2001
Action: Notice of Responsibility - #1

Global Id: T0608191150
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAY'S AUTO (Continued)

S103893028

Date: 11/28/2007
Action: Closure/No Further Action Letter - #20071128

Global Id: T0608191150
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330185
Facility Status: 9- Case Closed
Global ID: T0608191150
APN Number: 053364100
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SWEEPS UST:

Status: Active
Comp Number: 330198
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-04-94
Action Date: 05-04-94
Created Date: 04-29-94
Owner Tank Id: UNK
SWRCB Tank Id: 41-000-330198-000001
Tank Status: A
Capacity: 200
Active Date: 04-29-94
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 1

G46 **RAYS AUTO SERVICE**
SSE **2233 MIDDLEFIELD**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.179 mi.
946 ft. **Site 7 of 11 in cluster G**

San Mateo Co. BI **S113755351**
N/A

Relative: San Mateo Co. BI:
Higher Region: SAN MATEO
Facility ID: FA0006943
Actual: Prog Element Code: UNDERGROUND TANK - GENERAL
17 ft. Record Id: PR0022480
Description: UNDERGROUND TANK - GENERAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G47 **OPFER PROPERTY**
SSE **2233 MIDDLEFIELD**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.179 mi.
946 ft. **Site 8 of 11 in cluster G**

LUST **S105031176**
 N/A

Relative: LUST REG 2:
Higher Region: 2
 Facility Id: Not reported
Actual: Facility Status: Remedial action (cleanup) Underway
17 ft. Case Number: 330185
 How Discovered: OM
 Leak Cause: Unknown
 Leak Source: Unknown
 Date Leak Confirmed: Not reported
 Oversight Program: LUST
 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: 1/1/1965
 Date Post Remedial Action Monitoring Began: Not reported

G48 **MIDDLEFIELD AUTO REPAIR CENTER**
SSE **2233 MIDDLEFIELD RD**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.179 mi.
946 ft. **Site 9 of 11 in cluster G**

HIST UST **U001594579**
 N/A

Relative: HIST UST:
Higher Region: STATE
 Facility ID: 00000057994
Actual: Facility Type: Other
17 ft. Other Type: Not reported
 Total Tanks: 0001
 Contact Name: RIEDH NAJI
 Telephone: 4153668219
 Owner Name: ROY & MARGARET OPFER
 Owner Address: 422 2ND AVENUE
 Owner City,St,Zip: REDWOOD CITY, CA 94063

 Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: WASTE
 Type of Fuel: WASTE OIL
 Tank Construction: Not reported
 Leak Detection: None

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

G49 **EDR US Hist Auto Stat** **1015338117**
SSE **2233 MIDDLEFIELD RD** **N/A**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.179 mi.
946 ft. **Site 10 of 11 in cluster G**

Relative: EDR Historical Auto Stations:
Higher Name: OSUNA AUTO REPAIR
Year: 1999
Actual: Address: 2233 MIDDLEFIELD RD
17 ft.

G50 **San Mateo Co. BI** **S113756089**
SSE **OSUNA AUTO REPAIR** **N/A**
1/8-1/4 **2233 MIDDLEFIELD**
0.179 mi. **REDWOOD CITY, CA 94063**
946 ft. **Site 11 of 11 in cluster G**

Relative: San Mateo Co. BI:
Higher Region: SAN MATEO
Facility ID: FA0015124
Actual: Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011358
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Region: SAN MATEO
Facility ID: FA0015124
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0004025
Description: STORES MV FUELS OR WASTE ONLY

Region: SAN MATEO
Facility ID: FA0015124
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0025432
Description: UNDERGROUND TANK - GENERAL

J51 **San Mateo Co. BI** **S113757100**
NNW **CAL CAR WASH DISTRIBUTING CO** **N/A**
1/8-1/4 **1641 BROADWAY**
0.182 mi. **REDWOOD CITY, CA 94063**
959 ft. **Site 1 of 9 in cluster J**

Relative: San Mateo Co. BI:
Lower Region: SAN MATEO
Facility ID: FA0024243
Actual: Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0028778
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

J52
NNW
1/8-1/4
0.183 mi.
964 ft.

EARL SCHEIB #529
1661 BROADWAY
REDWOOD CITY, CA 94063

San Mateo Co. BI **S113756400**
N/A

Site 2 of 9 in cluster J

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0017418
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0024870
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Actual:
10 ft.

Region: SAN MATEO
Facility ID: FA0017418
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0003857
Description: STORES MV FUELS OR WASTE ONLY

J53
NNW
1/8-1/4
0.183 mi.
964 ft.

ELIZABETH KENNEDY
1661 BROADWAY
REDWOOD CITY, CA 94063

LUST **S112931805**
San Mateo Co. BI **N/A**
HAZNET

Site 3 of 9 in cluster J

Relative:
Lower

LUST:
Region: STATE
Global Id: T10000005776
Latitude: 37.4865863804586
Longitude: -122.219907559525
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 03/17/2014
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
LOC Case Number: 330230
File Location: Stored electronically as an E-file
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: UST was filled with concrete slurry in May 1986. Low concentrations of TPHg were reported in soil beneath the UST when it was removed in March 2014.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T10000005776
Contact Type: Regional Board Caseworker
Contact Name: JOLANTA UCHMAN
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: juchman@waterboards.ca.gov
Phone Number: Not reported

Global Id: T10000005776
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELIZABETH KENNEDY (Continued)

S112931805

Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T10000005776
Status: Open - Case Begin Date
Status Date: 03/11/2014

Global Id: T10000005776
Status: Open - Site Assessment
Status Date: 03/17/2014

Regulatory Activities:

Global Id: T10000005776
Action Type: RESPONSE
Date: 04/30/2014
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000005776
Action Type: RESPONSE
Date: 04/30/2014
Action: Correspondence

Global Id: T10000005776
Action Type: RESPONSE
Date: 04/30/2014
Action: Unauthorized Release Form

Global Id: T10000005776
Action Type: RESPONSE
Date: 03/12/2014
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000005776
Action Type: RESPONSE
Date: 03/25/2014
Action: Correspondence

Global Id: T10000005776
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T10000005776
Action Type: RESPONSE
Date: 03/25/2014
Action: Correspondence

Global Id: T10000005776
Action Type: RESPONSE
Date: 03/26/2014
Action: Correspondence

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELIZABETH KENNEDY (Continued)

S112931805

Global Id:	T10000005776
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T10000005776
Action Type:	ENFORCEMENT
Date:	03/19/2014
Action:	Notice of Responsibility - #20140319
Global Id:	T10000005776
Action Type:	ENFORCEMENT
Date:	03/17/2014
Action:	Technical Correspondence / Assistance / Other - #20140317
Global Id:	T10000005776
Action Type:	ENFORCEMENT
Date:	03/26/2014
Action:	Technical Correspondence / Assistance / Other - #20140326
Global Id:	T10000005776
Action Type:	ENFORCEMENT
Date:	03/17/2014
Action:	Staff Letter - #20140317
Global Id:	T10000005776
Action Type:	ENFORCEMENT
Date:	03/18/2014
Action:	Technical Correspondence / Assistance / Other - #20140318
Global Id:	T10000005776
Action Type:	ENFORCEMENT
Date:	05/06/2014
Action:	Site Visit / Inspection / Sampling
Global Id:	T10000005776
Action Type:	ENFORCEMENT
Date:	03/19/2014
Action:	Staff Letter - #20140319
Global Id:	T10000005776
Action Type:	ENFORCEMENT
Date:	03/19/2014
Action:	Technical Correspondence / Assistance / Other - #20140319
Global Id:	T10000005776
Action Type:	ENFORCEMENT
Date:	03/24/2014
Action:	Technical Correspondence / Assistance / Other - #20140324
Global Id:	T10000005776
Action Type:	ENFORCEMENT
Date:	07/17/2014
Action:	Technical Correspondence / Assistance / Other - #20140717

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELIZABETH KENNEDY (Continued)

S112931805

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330230
Facility Status: 3B- Preliminary Assessment Underway
Global ID: T10000005776
APN Number: 053222080
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

San Mateo Co. BI:

Region: SAN MATEO
Facility ID: FA0055055
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0075950
Description: UNDERGROUND TANK - GENERAL

HAZNET:

Year: 2003
Gepaid: CAC002568488
Contact: ELIZABETH KENNEDY
Telephone: 6503676341
Mailing Name: Not reported
Mailing Address: 335 HARCROSS RD
Mailing City,St,Zip: WOODSIDE, CA 94062
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 0.22
Facility County: San Mateo

J54
NNW
1/8-1/4
0.183 mi.
964 ft.

**ERICS AUTO BODY & PAINT
1661 BROADWAY
REDWOOD CITY, CA 94063**

**San Mateo Co. BI S113759051
N/A**

Site 4 of 9 in cluster J

**Relative:
Lower**

San Mateo Co. BI:

Region: SAN MATEO
Facility ID: FA0051803
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0071800
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

**Actual:
10 ft.**

Region: SAN MATEO
Facility ID: FA0051803
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0071799
Description: STORES MV FUELS OR WASTE ONLY

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

J55 NNW 1/8-1/4 0.183 mi. 964 ft.	BOSWELL, RICHARD 1661 BROADWAY REDWOOD CITY, CA 94063 Site 5 of 9 in cluster J	San Mateo Co. BI	S113758877 N/A
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Relative: Lower	San Mateo Co. BI: Region: Facility ID: Prog Element Code: Record Id: Description:	SAN MATEO FA0047745 GENERATES and RECYCLES WASTE OIL/SOLVENT PR0065152 GENERATES & RECYCLES WASTE OIL/SOLVENT
Actual: 10 ft.	Region: Facility ID: Prog Element Code: Record Id: Description:	SAN MATEO FA0047745 STORES HAZ MAT <219GAL,1,999LB, 879FT3 PR0065151 STORES HAZ MAT <219GAL,1,999LB, 879CF

H56 East 1/8-1/4 0.184 mi. 971 ft.	ARGO MACHINES 824 WILLOW REDWOOD CITY, CA 94063 Site 3 of 12 in cluster H	San Mateo Co. BI	S113756907 N/A
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Relative: Lower	San Mateo Co. BI: Region: Facility ID: Prog Element Code: Record Id: Description:	SAN MATEO FA0023169 GENERATES and RECYCLES WASTE OIL/SOLVENT PR0026513 GENERATES & RECYCLES WASTE OIL/SOLVENT
Actual: 13 ft.	Region: Facility ID: Prog Element Code: Record Id: Description:	SAN MATEO FA0023169 STORES HAZ MAT <219GAL,1,999LB, 879FT3 PR0026514 STORES HAZ MAT <219GAL,1,999LB, 879CF

K57 NE 1/8-1/4 0.184 mi. 973 ft.	L & L LANDSCAPE SVCS INC 1995 BAYSHORE REDWOOD CITY, CA 94063 Site 1 of 2 in cluster K	San Mateo Co. BI	S113756304 N/A
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Relative: Lower	San Mateo Co. BI: Region: Facility ID: Prog Element Code: Record Id: Description:	SAN MATEO FA0017268 GENERATES and RECYCLES WASTE OIL/SOLVENT PR0030423 GENERATES & RECYCLES WASTE OIL/SOLVENT
Actual: 13 ft.	Region: Facility ID: Prog Element Code: Record Id: Description:	SAN MATEO FA0017268 STORES MV FUELS OR WASTE ONLY PR0023400 STORES MV FUELS OR WASTE ONLY
	Region:	SAN MATEO

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

L & L LANDSCAPE SVCS INC (Continued)

S113756304

Facility ID: FA0017268
 Prog Element Code: UNDERGROUND TANK - GENERAL
 Record Id: PR0022366
 Description: UNDERGROUND TANK - GENERAL

**K58
 NE
 1/8-1/4
 0.184 mi.
 973 ft.**

**TRU GEEN LANDCARE
 1995 BAYSHORE
 REDWOOD CITY, CA 94063**

San Mateo Co. BI

**S113757448
 N/A**

Site 2 of 2 in cluster K

**Relative:
 Lower**

San Mateo Co. BI:

Region: SAN MATEO

Facility ID: FA0026107

**Actual:
 13 ft.**

Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT

Record Id: PR0037654

Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Region: SAN MATEO

Facility ID: FA0026107

Prog Element Code: STORES MV FUELS OR WASTE ONLY

Record Id: PR0037653

Description: STORES MV FUELS OR WASTE ONLY

**J59
 North
 1/8-1/4
 0.185 mi.
 977 ft.**

**REDWOOD GENERAL TIRE SERVICE
 1630 BROADWAY
 REDWOOD CITY, CA 94063**

**FINDS
 Cortese
 HIST CORTESE**

**1000438541
 N/A**

Site 6 of 9 in cluster J

**Relative:
 Lower**

**LUST
 CA FID UST
 HIST UST
 SWEEPS UST
 ENF
 HAULERS
 ENVIROSTOR**

**Actual:
 10 ft.**

FINDS:

Registry ID: 110002833408

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CORTESE:

Region: CORTESE
 Envirostor Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD GENERAL TIRE SERVICE (Continued)

1000438541

Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 2
WID Id: 2 417143N01
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

Region: CORTESE
Envirostor Id: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 2
WID Id: 2 417143N01
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0442

Region: CORTESE
Facility County Code: 41
Reg By: CALSI
Reg Id: 41590001

Region: CORTESE
Facility County Code: 41
Reg By: WBC&D
Reg Id: 2 417143N01

LUST:

Region: STATE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD GENERAL TIRE SERVICE (Continued)

1000438541

Global Id: T0608100421
Latitude: 37.4866112
Longitude: -122.2324242
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/07/1995
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0442
LOC Case Number: 330040
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100421
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100421
Contact Type: Regional Board Caseworker
Contact Name: Regional Board (RB2)
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608100421
Status: Open - Site Assessment
Status Date: 08/07/1989

Global Id: T0608100421
Status: Completed - Case Closed
Status Date: 02/07/1995

Global Id: T0608100421
Status: Open - Case Begin Date
Status Date: 09/27/1988

Regulatory Activities:

Global Id: T0608100421
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100421

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD GENERAL TIRE SERVICE (Continued)

1000438541

Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0608100421
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

LUST REG 2:

Region: 2
Facility Id: 41-0442
Facility Status: Case Closed
Case Number: 330040
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 8/7/1989
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CA FID UST:

Facility ID: 41000421
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4153690351
Mail To: Not reported
Mailing Address: 1630 BROADWAY
Mailing Address 2: Not reported
Mailing City, St, Zip: REDWOOD CITY 94063
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:

Region: STATE
Facility ID: 00000029724
Facility Type: Other
Other Type: RETAIL TIRE
Total Tanks: 0001
Contact Name: C.D. REDFERN
Telephone: 4153690351
Owner Name: GENERAL TIRE, A GENCORP COM.
Owner Address: ONE GENERAL STREET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD GENERAL TIRE SERVICE (Continued)

1000438541

Owner City,St,Zip: AKRON, OH 44329

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

SWEEPS UST:

Status: Not reported
Comp Number: 335133
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

ENF:

Region: 2
Facility Id: 252234
Agency Name: GENERAL TIRE, INC.
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.486952000000
Place Longitude: -122.2191920000
SIC Code 1: 3011
SIC Desc 1: Tires and Inner Tubes
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD GENERAL TIRE SERVICE (Continued)

1000438541

Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 417143N01
Reg Measure Id:	162451
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	223055
Region:	2
Order / Resolution Number:	93-040
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	04/21/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 417143N01
Description:	SCR-
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD GENERAL TIRE SERVICE (Continued)

1000438541

Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	2
Facility Id:	252234
Agency Name:	GENERAL TIRE, INC.
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.486952000000
Place Longitude:	-122.2191920000
SIC Code 1:	3011
SIC Desc 1:	Tires and Inner Tubes
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 417143N01
Reg Measure Id:	162451
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD GENERAL TIRE SERVICE (Continued)

1000438541

WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 222278
Region: 2
Order / Resolution Number: 96-163
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 12/18/1996
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 417143N01
Description: CAO-
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HAULERS:

Facility ID: 1000686
Facility Phone: (650) 369-0351
Business Email Address: Not reported
Contact Person: Alpio Barbara
Mailing Address: PO Box 5037
Mailing City: Redwood City
Mailing State: CA
Mailing Zip: 94063
Mailing County: San Mateo
Mailing Phone: (650) 369-0351
Waste Tire Permit Summary: No Permit record for this business.

ENVIROSTOR:

Facility ID: 41590001
Status: Refer: RWQCB
Status Date: 01/25/2000
Site Code: 201246
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.6
NPL: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD GENERAL TIRE SERVICE (Continued)

1000438541

Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.48737
Longitude: -122.2191
APN: 053212200
Past Use: NONE SPECIFIED
Potential COC: * HYDROCARBON SOLVENTS * WASTE OIL & MIXED OIL
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: REDWOOD GENERAL TIRE
Alias Type: Alternate Name
Alias Name: 053212200
Alias Type: APN
Alias Name: CAD982500035
Alias Type: EPA Identification Number
Alias Name: 110002833408
Alias Type: EPA (FRS #)
Alias Name: 201246
Alias Type: Project Code (Site Code)
Alias Name: 41590001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 06/06/2001
Comments: The USEPA Preliminary Assessment was approved by USEPA. A release of petroleum product from an underground storage tank (UST) was investigated and remediated under San Francisco Regional Water Quality Control Board (RWQCB) oversight in the early 1990s. Volatile organic compounds detected in onsite groundwater were determined to have originated from an upgradient offsite source (Rohm & Haas facility; 800 Chestnut Street). RWQCB determined that no further action related to the UST release was required in 1995.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

J60
North
1/8-1/4
0.185 mi.
977 ft.

REDWOOD GENERAL TIRE SERVICE
1630 BROADWAY
REDWOOD CITY, CA 94063

San Mateo Co. BI

S113756431
N/A

Site 7 of 9 in cluster J

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0017474
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0022489
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Actual:
10 ft.

Region: SAN MATEO
Facility ID: FA0017474
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003741
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

J61
North
1/8-1/4
0.185 mi.
977 ft.

REDWOOD GENERAL TIRE SERVICE CO.
1630 BROADWAY ST
REDWOOD CITY, CA 94063

CERC-NFRAP
RCRA-SQG
HAZNET

1015732909
CAD982500035

Site 8 of 9 in cluster J

Relative:
Lower

CERC-NFRAP:
Site ID: 0904788
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:
10 ft.

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13285732.00000
Person ID: 13003854.00000

Contact Sequence ID: 13291327.00000
Person ID: 13003858.00000

Contact Sequence ID: 13297185.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT
Date Started: 08/01/99
Date Completed: 06/06/01
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: DISCOVERY
Date Started: / /
Date Completed: 03/24/93
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 09/27/01
Priority Level: Not reported

RCRA-SQG:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD GENERAL TIRE SERVICE CO. (Continued)

1015732909

Date form received by agency: 03/05/1990
Facility name: REDWOOD GENERAL TIRE SERVICE
Facility address: 1630 BROADWAY
REDWOOD CITY, CA 94063
EPA ID: CAD982500035
Contact: ENVIRONMENTAL MANAGER
Contact address: 1630 BROADWAY
REDWOOD CITY, CA 94063
Contact country: US
Contact telephone: (415) 369-0351
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: GENERAL TIRE CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD GENERAL TIRE SERVICE CO. (Continued)

1015732909

Violation Status: No violations found

HAZNET:

Year: 2008
Gepaid: CAD982500035
Contact: ALPIO BARBARA, PRESIDENT
Telephone: 6503690351
Mailing Name: Not reported
Mailing Address: PO BOX 5037
Mailing City,St,Zip: REDWOOD CITY, CA 940630037
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.22935
Facility County: San Mateo

Year: 2007
Gepaid: CAD982500035
Contact: ALPIO BARBARA, PRESIDENT
Telephone: 6503690351
Mailing Name: Not reported
Mailing Address: PO BOX 5037
Mailing City,St,Zip: REDWOOD CITY, CA 940630037
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.45
Facility County: San Mateo

Year: 2007
Gepaid: CAD982500035
Contact: ALPIO BARBARA, PRESIDENT
Telephone: 6503690351
Mailing Name: Not reported
Mailing Address: PO BOX 5037
Mailing City,St,Zip: REDWOOD CITY, CA 940630037
Gen County: Not reported
TSD EPA ID: NED981723513
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.22
Facility County: San Mateo

Year: 2006
Gepaid: CAD982500035
Contact: ALPIO BARBARA, PRESIDENT
Telephone: 6503690351
Mailing Name: Not reported
Mailing Address: PO BOX 5037
Mailing City,St,Zip: REDWOOD CITY, CA 940630037
Gen County: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD GENERAL TIRE SERVICE CO. (Continued)

1015732909

TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler
Tons: 0.22
Facility County: San Mateo

Year: 2005
Gepaid: CAD982500035
Contact: ALPIO BARBARA, PRESIDENT
Telephone: 6503690351
Mailing Name: Not reported
Mailing Address: PO BOX 5037
Mailing City,St,Zip: REDWOOD CITY, CA 940630037
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler
Tons: 0.45
Facility County: San Mateo

[Click this hyperlink](#) while viewing on your computer to access 12 additional CA_HAZNET: record(s) in the EDR Site Report.

J62
North
1/8-1/4
0.185 mi.
977 ft.

1630 BROADWAY ST
REDWOOD CITY, CA 94063

EDR US Hist Auto Stat 1015258047
N/A

Site 9 of 9 in cluster J

Relative:
Lower

Actual:
10 ft.

EDR Historical Auto Stations:
Name: AMERICAN CAR CARE CENTERS
Year: 1999
Address: 1630 BROADWAY ST

Name: AMERICAN CAR CARE CENTERS
Year: 2000
Address: 1630 BROADWAY ST

H63
East
1/8-1/4
0.187 mi.
988 ft.

GOLDEN ROOFING
828 WILLOW
REDWOOD CITY, CA 94063

San Mateo Co. BI S113757748
N/A

Site 4 of 12 in cluster H

Relative:
Lower

Actual:
13 ft.

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0027481
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0043698
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

L64
NNW
1/8-1/4
0.188 mi.
995 ft.

CAL TRUCK & TRAILER SERVICE DB
1681 BROADWAY
REDWOOD CITY, CA 94063

DRYCLEANERS S103171482
EMI N/A

Site 1 of 5 in cluster L

Relative:
Lower

DRYCLEANERS:

EPA Id: CAL000326124
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 10/25/2007
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Owner Name: BARRY TALEGHART
Owner Address: 866 LAUREL ST
Owner Address 2: Not reported
Owner Telephone: 6507879451
Contact Name: BARRY TALEGHART
Contact Address: 1681 BROADWAY ST
Contact Address 2: Not reported
Contact Telephone: 6503667111
Mailing Name: Not reported
Mailing Address 1: 1681 BROADWAY ST
Mailing Address 2: Not reported
Mailing City: REDWOOD CITY
Mailing State: CA
Mailing Zip: 940632401
Owner Fax: Not reported
Region Code: 2

Actual:
10 ft.

EMI:

Year: 2001
County Code: 41
Air Basin: SF
Facility ID: 14613
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

L65
NNW
1/8-1/4
0.188 mi.
995 ft.

QUONG LEE LAUNDRY
1681 BROADWAY
REDWOOD CITY, CA 94063

San Mateo Co. BI **S113757171**
N/A

Site 2 of 5 in cluster L

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0024562
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0029349
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Actual:
10 ft.

Region: SAN MATEO
Facility ID: FA0024562
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0029350
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

L66
NNW
1/8-1/4
0.188 mi.
995 ft.

1681 BROADWAY ST
REDWOOD CITY, CA 94063

EDR US Hist Cleaners **1015002736**
N/A

Site 3 of 5 in cluster L

Relative:
Lower

EDR Historical Cleaners:
Name: QUONG LEE LAUNDRY
Year: 2001
Address: 1681 BROADWAY ST

Name: QUONG LEE LAUNDRY
Year: 2002
Address: 1681 BROADWAY ST

Name: QUONG LEE LAUNDRY
Year: 2003
Address: 1681 BROADWAY ST

Name: PENINSULA CLEANING SERVCS
Year: 2003
Address: 1681 BROADWAY ST

Name: PENINSULA CLEANING SERVICES INC
Year: 2004
Address: 1681 BROADWAY ST

Name: QUONG LEE LAUNDRY
Year: 2005
Address: 1681 BROADWAY ST

Name: QUONG LEE LAUNDRY
Year: 2006
Address: 1681 BROADWAY ST

Name: CARLOS CLEANERS
Year: 2007
Address: 1681 BROADWAY ST

Name: LEE QUONG LAUNDRY
Year: 2007

Actual:
10 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015002736

Address: 1681 BROADWAY ST
Name: LEE QUONG LAUNDRY
Year: 2008
Address: 1681 BROADWAY ST
Name: PENINSULA CLEANING SERVICES
Year: 2008
Address: 1681 BROADWAY ST
Name: DRY CLEANING OUTLET
Year: 2008
Address: 1681 BROADWAY ST
Name: LEE QUONG LAUNDRY
Year: 2009
Address: 1681 BROADWAY ST
Name: PENINSULA CLEANING SVC
Year: 2010
Address: 1681 BROADWAY ST
Name: QUONG LEE LAUNDRY
Year: 2010
Address: 1681 BROADWAY ST

L67
NNW
1/8-1/4
0.188 mi.
995 ft.

QUONG LEE PENINSULA CLEANING SVCS
1681 BROADWAY
REDWOOD CITY, CA 94063

San Mateo Co. BI S113758529
N/A

Site 4 of 5 in cluster L

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0040218
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0056247
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Actual:
10 ft.

Region: SAN MATEO
Facility ID: FA0040218
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0056246
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

I68
South
1/8-1/4
0.193 mi.
1018 ft.

SOLARI ESTATE
338 MANZANITA
REDWOOD CITY, CA 94061

SWEEPS UST S106932353
N/A

Site 2 of 3 in cluster I

Relative:
Higher

SWEEPS UST:
Status: Not reported
Comp Number: 330159
Number: Not reported
Board Of Equalization: Not reported

Actual:
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLARI ESTATE (Continued)

S106932353

Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330159-000001
Tank Status: Not reported
Capacity: 350
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 1

H69
East
1/8-1/4
0.194 mi.
1022 ft.

GAS 2 YOU
836 WILLOW
REDWOOD CITY, CA 94063

San Mateo Co. BI **S113757781**
N/A

Site 5 of 12 in cluster H

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0027558
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0044097
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF

Actual:
13 ft.

H70
East
1/8-1/4
0.194 mi.
1022 ft.

SILVA PROPERTY
836 WILLOW
REDWOOD CITY, CA 94063

LUST **S104494115**
N/A

Site 6 of 12 in cluster H

Relative:
Lower

LUST:
Region: STATE
Global Id: T0608138194
Latitude: 37.48464741
Longitude: -122.213319181
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/06/2011
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-4018
LOC Case Number: 330177
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Actual:
13 ft.

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0608138194

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVA PROPERTY (Continued)

S104494115

Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608138194
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608138194
Status: Open - Verification Monitoring
Status Date: 02/11/1999

Global Id: T0608138194
Status: Completed - Case Closed
Status Date: 06/06/2011

Global Id: T0608138194
Status: Open - Case Begin Date
Status Date: 02/11/1999

Regulatory Activities:

Global Id: T0608138194
Action Type: RESPONSE
Date: 05/26/2005
Action: Soil and Water Investigation Report

Global Id: T0608138194
Action Type: RESPONSE
Date: 02/26/2007
Action: Soil and Water Investigation Report

Global Id: T0608138194
Action Type: ENFORCEMENT
Date: 04/21/2003
Action: Staff Letter - #20030421

Global Id: T0608138194
Action Type: ENFORCEMENT
Date: 03/11/2008
Action: Staff Letter - #20080311

Global Id: T0608138194
Action Type: ENFORCEMENT
Date: 06/06/2011
Action: Closure/No Further Action Letter - #20110606

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVA PROPERTY (Continued)

S104494115

Global Id:	T0608138194
Action Type:	ENFORCEMENT
Date:	03/02/2011
Action:	Staff Letter - #20110302
Global Id:	T0608138194
Action Type:	RESPONSE
Date:	05/15/2005
Action:	Monitoring Report - Annually
Global Id:	T0608138194
Action Type:	ENFORCEMENT
Date:	11/09/2010
Action:	Staff Letter - #20101109
Global Id:	T0608138194
Action Type:	ENFORCEMENT
Date:	09/08/2005
Action:	Staff Letter - #20050908
Global Id:	T0608138194
Action Type:	RESPONSE
Date:	11/14/2003
Action:	Monitoring Report - Other
Global Id:	T0608138194
Action Type:	RESPONSE
Date:	02/24/2005
Action:	Soil and Water Investigation Workplan
Global Id:	T0608138194
Action Type:	RESPONSE
Date:	11/30/2005
Action:	Other Report / Document
Global Id:	T0608138194
Action Type:	RESPONSE
Date:	07/27/2006
Action:	Soil and Water Investigation Workplan
Global Id:	T0608138194
Action Type:	RESPONSE
Date:	05/29/2006
Action:	Electronic Reporting Submittal Due
Global Id:	T0608138194
Action Type:	RESPONSE
Date:	09/22/2008
Action:	Monitoring Report - Other
Global Id:	T0608138194
Action Type:	RESPONSE
Date:	05/15/2006
Action:	Monitoring Report - Annually
Global Id:	T0608138194
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVA PROPERTY (Continued)

S104494115

Date: 06/20/2003
Action: Other Report / Document

Global Id: T0608138194
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Annually

Global Id: T0608138194
Action Type: ENFORCEMENT
Date: 09/09/2004
Action: Staff Letter - #20040909

Global Id: T0608138194
Action Type: ENFORCEMENT
Date: 04/27/2006
Action: Staff Letter - #20060427

Global Id: T0608138194
Action Type: ENFORCEMENT
Date: 10/06/2010
Action: Notification - Fee Title Owners Notice - #20101006

Global Id: T0608138194
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608138194
Action Type: ENFORCEMENT
Date: 07/29/2009
Action: Staff Letter - #20090729

Global Id: T0608138194
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608138194
Action Type: RESPONSE
Date: 04/21/2011
Action: Well Destruction Report

Global Id: T0608138194
Action Type: RESPONSE
Date: 11/08/2004
Action: Unauthorized Release Form

Global Id: T0608138194
Action Type: RESPONSE
Date: 06/30/2003
Action: Electronic Reporting Submittal Due

Global Id: T0608138194
Action Type: ENFORCEMENT
Date: 07/02/1999
Action: Notice of Responsibility - #19990702

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVA PROPERTY (Continued)

S104494115

Global Id: T0608138194
Action Type: ENFORCEMENT
Date: 10/30/2006
Action: Staff Letter - #20061030

Global Id: T0608138194
Action Type: ENFORCEMENT
Date: 02/02/2005
Action: Staff Letter - #20050202

Global Id: T0608138194
Action Type: ENFORCEMENT
Date: 03/30/2009
Action: Staff Letter - #20090330

Global Id: T0608138194
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0608138194
Action Type: RESPONSE
Date: 06/30/2009
Action: Remedial Progress Report

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Post remedial action monitoring
Case Number: 330177
How Discovered: SA
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: 1/1/1965

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330177
Facility Status: 9- Case Closed
Global ID: T0608138194
APN Number: 054072170
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

M71	SILVER AUTO SERVICES	San Mateo Co. BI	S113758331
North	1603 BROADWAY		N/A
1/8-1/4	REDWOOD CITY, CA 94063		
0.194 mi.			
1023 ft.	Site 1 of 10 in cluster M		

Relative:	San Mateo Co. BI:		
Lower	Region:	SAN MATEO	
	Facility ID:	FA0035252	
Actual:	Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT	
11 ft.	Record Id:	PR0053060	
	Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT	
	Region:	SAN MATEO	
	Facility ID:	FA0035252	
	Prog Element Code:	STORES MV FUELS OR WASTE ONLY	
	Record Id:	PR0053059	
	Description:	STORES MV FUELS OR WASTE ONLY	

M72	CHEVRON 9-8040	UST	U003782637
North	1603 BROADWAY		N/A
1/8-1/4	REDWOOD CITY, CA 94063		
0.194 mi.			
1023 ft.	Site 2 of 10 in cluster M		

Relative:	UST:		
Lower	Facility ID:	41--017278	
	Latitude:	37.487982	
Actual:	Longitude:	-122.217528	
11 ft.	Permitting Agency:	SAN MATEO COUNTY	

M73	BROADWAY AUTOMOTIVE	San Mateo Co. BI	S113757882
North	1603 BROADWAY		N/A
1/8-1/4	REDWOOD CITY, CA 94063		
0.194 mi.			
1023 ft.	Site 3 of 10 in cluster M		

Relative:	San Mateo Co. BI:		
Lower	Region:	SAN MATEO	
	Facility ID:	FA0027912	
Actual:	Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT	
11 ft.	Record Id:	PR0045819	
	Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT	
	Region:	SAN MATEO	
	Facility ID:	FA0027912	
	Prog Element Code:	STORES MV FUELS OR WASTE ONLY	
	Record Id:	PR0045820	
	Description:	STORES MV FUELS OR WASTE ONLY	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M74 **5TH AVENUE ENTERPRISE**
North **1603 BROADWAY**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.194 mi.
1023 ft. **Site 4 of 10 in cluster M**

CA FID UST **S101593681**
SWEEPS UST **N/A**
San Mateo Co. BI

Relative:
Lower

CA FID UST:
Facility ID: 41000149
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 2 ANNABEL LN
Mailing Address 2: Not reported
Mailing City,St,Zip: REDWOOD CITY 94063
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Actual:
11 ft.

SWEEPS UST:
Status: Active
Comp Number: 330033
Number: 2
Board Of Equalization: Not reported
Referral Date: 04-07-94
Action Date: 04-07-94
Created Date: 10-13-88
Owner Tank Id: 01
SWRCB Tank Id: 41-000-330033-000001
Tank Status: A
Capacity: 10000
Active Date: 04-07-94
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 330033
Number: 2
Board Of Equalization: Not reported
Referral Date: 04-07-94
Action Date: 04-07-94
Created Date: 10-13-88
Owner Tank Id: 2
SWRCB Tank Id: 41-000-330033-000002
Tank Status: A
Capacity: 10000
Active Date: 04-07-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

5TH AVENUE ENTERPRISE (Continued)

S101593681

Status: Active
Comp Number: 330033
Number: 2
Board Of Equalization: Not reported
Referral Date: 04-07-94
Action Date: 04-07-94
Created Date: 10-13-88
Owner Tank Id: 03
SWRCB Tank Id: 41-000-330033-000003
Tank Status: A
Capacity: 10000
Active Date: 04-07-94
Tank Use: M.V. FUEL
STG: P
Content: PLUS UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 330033
Number: 2
Board Of Equalization: Not reported
Referral Date: 04-07-94
Action Date: 04-07-94
Created Date: 10-13-88
Owner Tank Id: UNK2
SWRCB Tank Id: 41-000-330033-000004
Tank Status: A
Capacity: 10000
Active Date: 04-07-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0053796
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0074314
Description: UNDERGROUND TANK - GENERAL

M75 **CHEVRON**
North **1603 BROADWAY**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.194 mi.
1023 ft. **Site 5 of 10 in cluster M**

LUST **S105030320**
N/A

Relative: LUST REG 2:
Lower Region: 2
Facility Id: 41-0127
Actual: Facility Status: Case Closed
11 ft. Case Number: 330079
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S105030320

Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 9/1/1982
Pollution Characterization Began: 7/10/1992
Pollution Remediation Plan Submitted: 12/14/1993
Date Remediation Action Underway: 12/19/1994
Date Post Remedial Action Monitoring Began: 5/30/1995

M76
North
1/8-1/4
0.194 mi.
1023 ft.

BROADWAY 76
1603 BROADWAY
REDWOOD CITY, CA 94063

San Mateo Co. BI **S113032845**
HAZNET **N/A**

Site 6 of 10 in cluster M

Relative:
Lower

San Mateo Co. BI:

Region: SAN MATEO
Facility ID: FA0017278
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0024863
Description: GENERATES <27 GAL/YEAR

Actual:
11 ft.

Region: SAN MATEO
Facility ID: FA0017278
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0003792
Description: STORES MV FUELS OR WASTE ONLY

Region: SAN MATEO
Facility ID: FA0017278
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022375
Description: UNDERGROUND TANK - GENERAL

HAZNET:

Year: 2001
Gepaid: CAL000029790
Contact: KATHY NORRIS
Telephone: 9258425931
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: 0.22
Facility County: San Mateo

Year: 2001
Gepaid: CAL000029790
Contact: KATHY NORRIS
Telephone: 9258425931
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Not reported
TSD EPA ID: CAD009452657

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY 76 (Continued)

S113032845

TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: 0.22
Facility County: San Mateo

Year: 2000
Gepaid: CAL000029790
Contact: KATHY NORRIS
Telephone: 9258425931
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: 0.07
Facility County: San Mateo

Year: 2000
Gepaid: CAL000029790
Contact: KATHY NORRIS
Telephone: 9258425931
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: 0.07
Facility County: San Mateo

Year: 1998
Gepaid: CAL000029790
Contact: CHERVON PRODUCTS CO
Telephone: 9258425931
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler
Tons: .4587
Facility County: San Mateo

[Click this hyperlink](#) while viewing on your computer to access 15 additional CA_HAZNET: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M77
North
1/8-1/4
0.194 mi.
1023 ft.

CHEVRON STATION NO 98040
1603 BROADWAY ST
REDWOOD CITY, CA 94063

RCRA NonGen / NLR **1006805030**
FINDS **CAR000119966**

Site 7 of 10 in cluster M

Relative:
Lower

RCRA NonGen / NLR:

Actual:
11 ft.

Date form received by agency: 03/13/2013
Facility name: CHEVRON STATION NO 98040
Facility address: 1603 BROADWAY ST
REDWOOD CITY, CA 94063
EPA ID: CAR000119966
Mailing address: PO BOX 6004
SAN RAMON, CA 94583
Contact: KATHY NORRIS SLUSHER
Contact address: PO BOX 6004
SAN RAMON, CA 94583
Contact country: US
Contact telephone: 877-386-6044
Contact email: NAWTDESK@CHEVRON.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CHEVRON USA
Owner/operator address: PO BOX 6004
SAN RAMON, CA 94583
Owner/operator country: US
Owner/operator telephone: 877-386-6044
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/30/2003
Owner/Op end date: Not reported
Owner/operator name: KATHY NORRIS SLUSHER
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/30/2003
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHEVRON STATION NO 98040 (Continued)

1006805030

Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 05/16/2002
 Site name: CHEVRON STATION NO 98040
 Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110013310425

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

M78
North
1/8-1/4
0.194 mi.
1023 ft.

CHEVRON
1603 BROADWAY
REDWOOD CITY, CA 94063

HIST CORTESE **S110060466**
LUST **N/A**

Site 8 of 10 in cluster M

Relative:
Lower

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 41
 Reg By: LTNKA
 Reg Id: 41-0127

Actual:
11 ft.

LUST:

Region: STATE
 Global Id: T0608100120
 Latitude: 37.4867605800961
 Longitude: -122.218823432922
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 06/20/2003
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: UUU
 Local Agency: SAN MATEO COUNTY LOP
 RB Case Number: 41-0127
 LOC Case Number: 330079
 File Location: Not reported
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S110060466

Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100120
Contact Type: Local Agency Caseworker
Contact Name: CHARLES ICE
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: cice@smcgov.org
Phone Number: 6503726295

Global Id: T0608100120
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608100120
Status: Open - Site Assessment
Status Date: 07/10/1992

Global Id: T0608100120
Status: Open - Verification Monitoring
Status Date: 05/30/1995

Global Id: T0608100120
Status: Open - Case Begin Date
Status Date: 09/01/1982

Global Id: T0608100120
Status: Completed - Case Closed
Status Date: 06/20/2003

Global Id: T0608100120
Status: Open - Remediation
Status Date: 12/14/1993

Global Id: T0608100120
Status: Open - Remediation
Status Date: 12/19/1994

Global Id: T0608100120
Status: Open - Site Assessment
Status Date: 09/01/1982

Regulatory Activities:

Global Id: T0608100120
Action Type: ENFORCEMENT
Date: 03/18/1993
Action: * Historical Enforcement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S110060466

Global Id:	T0608100120
Action Type:	ENFORCEMENT
Date:	06/23/2003
Action:	Closure/No Further Action Letter
Global Id:	T0608100120
Action Type:	ENFORCEMENT
Date:	12/10/2002
Action:	File review
Global Id:	T0608100120
Action Type:	ENFORCEMENT
Date:	06/04/2003
Action:	Site Visit / Inspection / Sampling
Global Id:	T0608100120
Action Type:	ENFORCEMENT
Date:	05/30/2002
Action:	Staff Letter
Global Id:	T0608100120
Action Type:	ENFORCEMENT
Date:	06/18/2003
Action:	Rescission of Enforcement Action
Global Id:	T0608100120
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0608100120
Action Type:	RESPONSE
Date:	12/10/2002
Action:	Other Report / Document
Global Id:	T0608100120
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation
Global Id:	T0608100120
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Free Product Removal
Global Id:	T0608100120
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Free Product Removal
Global Id:	T0608100120
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0608100120
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S110060466

Date: 07/29/2002
Action: Monitoring Report - Quarterly

Global Id: T0608100120
Action Type: RESPONSE
Date: 01/29/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100120
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0608100120
Action Type: RESPONSE
Date: 12/26/2002
Action: Monitoring Report - Quarterly

M79
North
1/8-1/4
0.194 mi.
1023 ft.

98040
1603 BROADWAY ST
REDWOOD CITY, CA 94063

HIST UST **U001594527**
N/A

Site 9 of 10 in cluster M

Relative:
Lower

HIST UST:
Region: STATE
Facility ID: 00000063060
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: ALLEN, DENNIS
Telephone: 4153697493
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105

Actual:
11 ft.

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000370 unknown
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000370 unknown
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

98040 (Continued)

U001594527

Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000370 unknown
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 0000370 unknown
Leak Detection: Stock Inventor

M80
North
1/8-1/4
0.194 mi.
1023 ft.

1603 BROADWAY ST
REDWOOD CITY, CA 94063

EDR US Hist Auto Stat 1015253362
N/A

Site 10 of 10 in cluster M

Relative:
Lower

EDR Historical Auto Stations:

Actual:
11 ft.

Name: TRAN CHEVRON
Year: 1999
Address: 1603 BROADWAY ST

Name: TRAN CHEVRON
Year: 2000
Address: 1603 BROADWAY ST

Name: BROADWAY CHEVRON
Year: 2001
Address: 1603 BROADWAY ST

Name: TRAN CHEVRON
Year: 2002
Address: 1603 BROADWAY ST

Name: BROADWAY CHEVRON
Year: 2003
Address: 1603 BROADWAY ST

Name: BROADWAY CHEVRON
Year: 2004
Address: 1603 BROADWAY ST

Name: BROADWAY CHEVRON
Year: 2005
Address: 1603 BROADWAY ST

Name: BROADWAY AUTOMOTIVE
Year: 2006
Address: 1603 BROADWAY ST

Name: SILVER GAS
Year: 2007
Address: 1603 BROADWAY ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015253362

Name: BROADWAY CHEVRON
Year: 2008
Address: 1603 BROADWAY ST

Name: SILVER AUTO SERVICE
Year: 2009
Address: 1603 BROADWAY ST

Name: BROADWAY CHEVRON
Year: 2010
Address: 1603 BROADWAY ST

Name: BROADWAY CHEVRON
Year: 2011
Address: 1603 BROADWAY ST

H81
East
1/8-1/4
0.199 mi.
1051 ft.
MIRACLE AUTO PAINTING
2259 SPRING
REDWOOD CITY, CA 94061
Site 7 of 12 in cluster H

San Mateo Co. BI S113757541
N/A

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0026674
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0038760
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Actual:
13 ft.

Region: SAN MATEO
Facility ID: FA0026674
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0038759
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

I82
South
1/8-1/4
0.199 mi.
1052 ft.
AT & T MOBILITY - WOODSIDE RD 13261
300 MANZANITA
REDWOOD CITY, CA 94063
Site 3 of 3 in cluster I

San Mateo Co. BI S113758108
N/A

Relative:
Higher

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0029298
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0049719
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF

Actual:
18 ft.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

L83 NNW 1/8-1/4 0.202 mi. 1066 ft.	7-ELEVEN #15896 1700 BROADWAY REDWOOD CITY, CA 94063 Site 5 of 5 in cluster L	San Mateo Co. BI	S116348349 N/A
---	--	-------------------------	---------------------------------

Relative: Lower	San Mateo Co. BI: Region: SAN MATEO Facility ID: FA0055302 Prog Element Code: STORES MV FUELS OR WASTE ONLY Record Id: PR0076258 Description: STORES MV FUELS OR WASTE ONLY
Actual: 10 ft.	

N84 SW 1/8-1/4 0.203 mi. 1072 ft.	SAN MATEO CO AGRICULTURAL COMMISSIONER 728 HELLER ST REDWOOD CITY, CA 94064 Site 1 of 5 in cluster N	HWP	S100873220 N/A
--	---	------------	---------------------------------

Relative: Higher	HWP: EPA Id: CAT000617472 Cleanup Status: PROTECTIVE FILER Latitude: 37.48039 Longitude: -122.2213 Facility Type: Historical - Non-Operating Facility Size: Not reported Team: Not reported Supervisor: Not reported Site Code: Not reported Assembly District: 22 Senate District: 13 Public Information Officer: Not reported
Actual: 17 ft.	

Activities:	EPA Id: CAT000617472 Facility Type: Historical - Non-Operating Unit Names: CONTAIN1 Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED) Actual Date: 01/09/1987
	EPA Id: CAT000617472 Facility Type: Historical - Non-Operating Unit Names: CONTAIN1 Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED) Actual Date: 09/30/1986

N85 SW 1/8-1/4 0.204 mi. 1077 ft.	SAN MATEO CO AGRI DEPT 728 HELLER ST REDWOOD CITY, CA 94064 Site 2 of 5 in cluster N	RCRA-TSDF RCRA-SQG FINDS	1000123796 CAT000617472
--	---	---	--

Relative: Higher	RCRA-TSDF: Date form received by agency: 07/24/1998 Facility name: SAN MATEO CO AGRI DEPT Facility address: 728 HELLER ST REDWOOD CITY, CA 94064 EPA ID: CAT000617472
Actual: 17 ft.	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN MATEO CO AGRI DEPT (Continued)

1000123796

Mailing address: P O BOX 999
REDWOOD CITY, CA 94064
Contact: GAIL RAABE
Contact address: 728 HELLER ST
REDWOOD CITY, CA 94064
Contact country: US
Contact telephone: (650) 363-4700
Contact email: Not reported
EPA Region: 09
Land type: County
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

Owner/operator name: SAN MATEO CO AGRICULTURAL COMMISSIONER
Owner/operator address: 728 HELLER ST
REDWOOD CITY, CA 94064
Owner/operator country: Not reported
Owner/operator telephone: (650) 363-4700
Legal status: County
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SAN MATEO CO AGRICULTURAL COMMISSIONER
Owner/operator address: PO BOX 999
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 364-5600
Legal status: County
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996
Site name: SAN MATEO CO AGRI DEPT
Classification: Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN MATEO CO AGRICULTURE DEPT (Continued)

1000123796

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-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.

Waste code: D002
Waste name: 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.

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/14/1986
Date achieved compliance: 09/30/1986
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/18/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 09/30/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 02/14/1986
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 09/30/1986
Evaluation lead agency: EPA

FINDS:

Registry ID: 110002943762

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN MATEO CO AGRI DEPT (Continued)

1000123796

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

H86
East
1/8-1/4
0.207 mi.
1091 ft.

EUREKA FEDERAL SAVINGS
2225 SPRING
REDWOOD CITY, CA 94063
Site 8 of 12 in cluster H

HIST CORTESE
LUST

S103952074
N/A

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Actual:
Reg By: LTNKA
Reg Id: 41-0211

Actual:
14 ft.

LUST:

Region: STATE
Global Id: T0608100201
Latitude: 37.483688
Longitude: -122.2145111
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/26/1996
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0211
LOC Case Number: 330089
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0608100201
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100201
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608100201

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EUREKA FEDERAL SAVINGS (Continued)

S103952074

Status: Open - Case Begin Date
Status Date: 09/29/1989

Global Id: T0608100201
Status: Completed - Case Closed
Status Date: 09/26/1996

Regulatory Activities:

Global Id: T0608100201
Action Type: ENFORCEMENT
Date: 06/25/1991
Action: Notice of Responsibility - #1

Global Id: T0608100201
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100201
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330089
Facility Status: 9- Case Closed
Global ID: T0608100201
APN Number: Not reported
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

H87
East
1/8-1/4
0.207 mi.
1091 ft.

EUREKA FEDERAL SAVINGS
2225 SPRING
REDWOOD CITY, CA 94063
Site 9 of 12 in cluster H

LUST S104494083
N/A

Relative:
Higher

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330089
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

Actual:
14 ft.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

O88 **EDR US Hist Auto Stat** **1015344251**
SSE **2300 MIDDLEFIELD ROAD** **N/A**
1/8-1/4 **MENLO PARK, CA 94025**
0.207 mi.
1092 ft. **Site 1 of 5 in cluster O**

Relative: EDR Historical Auto Stations:
Higher Name: CHEVRON STATIONS MENLO PARK
Year: 1999
Actual: Address: 2300 MIDDLEFIELD ROAD
18 ft.

H89 **UNDERGROUND TK AT** **San Mateo Co. BI** **S113756219**
East **2231 SPRING** **N/A**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.209 mi.
1101 ft. **Site 10 of 12 in cluster H**

Relative: San Mateo Co. BI:
Higher Region: SAN MATEO
Facility ID: FA0016401
Actual: Prog Element Code: UNDERGROUND TANK - GENERAL
14 ft. Record Id: PR0023078
Description: UNDERGROUND TANK - GENERAL

H90 **THE BAGEL WORKS** **LUST** **S103177285**
East **2231 SPRING** **N/A**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.209 mi.
1101 ft. **Site 11 of 12 in cluster H**

Relative: LUST REG 2:
Higher Region: 2
Facility Id: Not reported
Actual: Facility Status: Case Closed
14 ft. Case Number: 330130
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H91
East
1/8-1/4
0.209 mi.
1101 ft.
THE BAGEL WORKS
2231 SPRING
REDWOOD CITY, CA 94063
Site 12 of 12 in cluster H

HIST CORTESE
LUST
S103893099
N/A

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0909

Actual:
14 ft.

LUST:

Region: STATE
Global Id: T0608100838
Latitude: 37.483837
Longitude: -122.214019
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/19/1997
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0909
LOC Case Number: 330130
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100838
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100838
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100838
Status: Completed - Case Closed
Status Date: 11/19/1997

Global Id: T0608100838
Status: Open - Case Begin Date
Status Date: 03/24/1995

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

THE BAGEL WORKS (Continued)

S103893099

Regulatory Activities:

Global Id:	T0608100838
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0608100838
Action Type:	ENFORCEMENT
Date:	04/04/1995
Action:	Notice of Responsibility - #1
Global Id:	T0608100838
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

SAN MATEO CO. LUST:

Region:	SAN MATEO
Facility ID:	330130
Facility Status:	9- Case Closed
Global ID:	T0608100838
APN Number:	054072110
Case Type:	SAN MATEO CO. LUST
EDR Link ID:	SAN MATEO CO. LUST

O92
SSE
 1/8-1/4
 0.209 mi.
 1102 ft.

PRICE CLUB #409
2300 MIDDLEFIELD
REDWOOD CITY, CA 94063

CHMIRS **S103643864**
ENVIROSTOR **N/A**

Site 2 of 5 in cluster O

Relative:
Higher

CHMIRS:

Actual:
18 ft.

OES Incident Number:	11-0010
OES notification:	01/02/2011
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRICE CLUB #409 (Continued)

S103643864

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: Not reported
Waterway Involved: Yes
Waterway: Storm Drain
Spill Site: Merchant/Business
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Gal(s)
Other: Not reported
Date/Time: 1137
Year: 2011
Agency: County of San Mateo
Incident Date: 1/2/2011
Admin Agency: San Mateo County Environmental Health
Amount: Not reported
Contained: Yes
Site Type: Storm Drain
E Date: Not reported
Substance: Sewage
Quantity Released: 1,950
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
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported
Description: Caller states that a grease blockage and debris caused the back up out of a man hole.

ENVIROSTOR:

Facility ID: 71003269
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRICE CLUB #409 (Continued)

S103643864

Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.47865
Longitude: -122.2165
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000063559
Alias Type: EPA Identification Number
Alias Name: 71003269
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

O93
SSE
1/8-1/4
0.209 mi.
1102 ft.

COSTCO WHOLESALE #1042
2300 MIDDLEFIELD ROAD
REDWOOD CITY, CA 94063
Site 3 of 5 in cluster O

San Mateo Co. BI **S113755901**
EMI **N/A**

Relative:
Higher

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0013088
Prog Element Code: CONDITIONAL AUTHORIZED (CA)
Record Id: PR0030117
Description: CONDITIONAL AUTHORIZED (CA)

Actual:
18 ft.

Region: SAN MATEO
Facility ID: FA0013088
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011322
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Region: SAN MATEO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COSTCO WHOLESALE #1042 (Continued)

S113755901

Facility ID: FA0013088
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003966
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

Region: SAN MATEO
Facility ID: FA0013088
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0058110
Description: UNDERGROUND TANK - GENERAL

EMI:

Year: 2011
County Code: 41
Air Basin: SF
Facility ID: 19893
Air District Name: BA
SIC Code: 5399
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.001
Reactive Organic Gases Tons/Yr: 0.0008367
Carbon Monoxide Emissions Tons/Yr: 0.001
NOX - Oxides of Nitrogen Tons/Yr: 0.01
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2012
County Code: 41
Air Basin: SF
Facility ID: 19893
Air District Name: BA
SIC Code: 5399
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.001
Reactive Organic Gases Tons/Yr: 0.0008367
Carbon Monoxide Emissions Tons/Yr: 0.001
NOX - Oxides of Nitrogen Tons/Yr: 0.01
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

O94 **COTSO WHOLESALE 409**
SSE **2300 MIDDLEFIELD ROAD**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.209 mi.
1102 ft. **Site 4 of 5 in cluster O**

RCRA-SQG **1000168301**
FINDS **CAD981677362**

Relative:
Higher

RCRA-SQG:
Date form received by agency: 11/05/2009
Facility name: COSTCO WHOLESALE NO 1042
Facility address: 2300 MIDDLEFIELD RD
REDWOOD CITY, CA 94063

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COTSO WHOLESALE 409 (Continued)

1000168301

EPA ID: CAD981677362
Mailing address: 999 LAKE DR
ATTN LISA SIMPSON
ISSAQUAH, WA 98027
Contact: LISA SIMPSON
Contact address: 999 LAKE DR ATTN LISA SIMPSON
ISSAQUAH, WA 98027
Contact country: US
Contact telephone: 425-313-6275
Contact email: LSIMPSON@COSTCO.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: COSTCO WHOLESALE CORPORATION
Owner/operator address: 999 LAKE DR
ISSAQUAH, WA 98027
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/20/1983
Owner/Op end date: Not reported

Owner/operator name: ANITA MORGAN
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/01/2006
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COTSO WHOLESALE 409 (Continued)

1000168301

Historical Generators:

Date form received by agency: 08/20/2001
Site name: COSTCO WHOLESALE NO 409
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: 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.

Waste code: D011
Waste name: SILVER

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110002747706

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

P95
NE
1/8-1/4
0.209 mi.
1103 ft.

CVS PHARMACY NO 9690
1301 BROADWAY ST
REDWOOD CITY, CA 94063

RCRA-LQG **1000985146**
CAR000002576

Site 1 of 3 in cluster P

Relative:
Lower

RCRA-LQG:

Date form received by agency: 03/27/2013
Facility name: CVS PHARMACY NO 9690
Facility address: 1301 BROADWAY ST
REDWOOD CITY, CA 94063
EPA ID: CAR000002576
Mailing address: ONE CVS DR
WOONSOCKET, RI 02895
Contact: WENDY L BRANT
Contact address: ONE CVS DR
WOONSOCKET, RI 02895
Contact country: US
Contact telephone: 401-765-1500
Contact email: WENDY.BRANT@CVSCAREMARK.COM
EPA Region: 09

Actual:
12 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY NO 9690 (Continued)

1000985146

Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: LONGS DRUG STORES CALIFORNIA LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/22/2008
Owner/Op end date: Not reported

Owner/operator name: LONGS DRUG STORES CALIFORNIA LLC
Owner/operator address: ONE CVS DR
WOONSOCKET, RI 02895
Owner/operator country: US
Owner/operator telephone: 401-765-1500
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/22/2008
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 05/05/1995
Site name: LONGS DRUG STORE 067
Classification: Small Quantity Generator

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CVS PHARMACY NO 9690 (Continued)

1000985146

Hazardous Waste Summary:

Waste code:	D001
Waste name:	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.
Waste code:	D002
Waste name:	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.
Waste code:	D009
Waste name:	MERCURY
Waste code:	P001
Waste name:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste code:	P042
Waste name:	1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)-
Waste code:	P075
Waste name:	NICOTINE, & SALTS
Waste code:	P081
Waste name:	NITROGLYCERINE (R)
Violation Status:	No violations found

**P96
 NE
 1/8-1/4
 0.209 mi.
 1103 ft.**

**FEDERAL MOGUL CORP
 1301 BROADWAY
 REDWOOD CITY, CA 94063**

Site 2 of 3 in cluster P

**RCRA-SQG 1004675493
 FINDS CAR000073551
 SLIC**

**Relative:
 Lower**

RCRA-SQG:
 Date form received by agency: 05/15/2000
 Facility name: FEDERAL MOGUL CORP
 Facility address: 1301 BROADWAY
 SEPARATE COMPOUND
 REDWOOD CITY, CA 94063
 EPA ID: CAR000073551
 Mailing address: 26555 NORTHWESTERN HWY
 SOUTHFIELD, MI 48034
 Contact: ALFONSO ANG
 Contact address: 90 DIGITAL DR
 NOVATO, CA 94949
 Contact country: US
 Contact telephone: (415) 884-3154
 Contact email: Not reported

**Actual:
 12 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEDERAL MOGUL CORP (Continued)

1004675493

EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: FEDERAL MOGUL CORP
Owner/operator address: 26555 NORTHWESTERN HWY
SOUTHFIELD, MI 48034
Owner/operator country: Not reported
Owner/operator telephone: (248) 354-8110
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D039
Waste name: TETRACHLOROETHYLENE
Waste code: D040
Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110002905919

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEDERAL MOGUL CORP (Continued)

1004675493

Registry ID: 110009554357

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SLIC:

Region: STATE
Facility Status: Open - Remediation
Status Date: 07/01/2002
Global Id: SL18365785
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.487197
Longitude: -122.215162
Case Type: Cleanup Program Site
Case Worker: DIB
Local Agency: Not reported
RB Case Number: 41S0069
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: * Chlorinated Solvents - TCE, * Petroleum - Diesel fuels
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

SLIC REG 2:

Region: 2
Facility ID: SL18365785
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: UNK
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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

Q97 **LALOS AUTO MECHANIC**
East **2259 SPRING**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.217 mi.
1147 ft. **Site 1 of 19 in cluster Q**

San Mateo Co. BI **S113758554**
EMI **N/A**

Relative:
Higher

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0040534
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0056477
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Actual:
14 ft.

Region: SAN MATEO
Facility ID: FA0040534
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0056476
Description: STORES MV FUELS OR WASTE ONLY

EMI:
Year: 2012
County Code: 41
Air Basin: SF
Facility ID: 19881
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.358
Reactive Organic Gases Tons/Yr: 0.3006574
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Q98 **CLASSIC CORE COLLISION REPAIR**
East **2259 SPRING**
1/8-1/4 **REDWOOD CITY, CA 94063**
0.217 mi.
1147 ft. **Site 2 of 19 in cluster Q**

San Mateo Co. BI **S113755361**
EMI **N/A**

Relative:
Higher

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0007141
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011209
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Actual:
14 ft.

Region: SAN MATEO
Facility ID: FA0007141
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003836
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q99
East
1/8-1/4
0.217 mi.
1147 ft.

2259 SPRING ST
REDWOOD CITY, CA 94063

EDR US Hist Auto Stat 1015340592
N/A

Site 3 of 19 in cluster Q

Relative:
Higher

EDR Historical Auto Stations:

Actual:
14 ft.

- Name: L & J AUTO TOWING
Year: 1999
Address: 2259 SPRING ST
- Name: L & J AUTO TOWING
Year: 2000
Address: 2259 SPRING ST
- Name: L & J AUTO BODY & TOWING
Year: 2001
Address: 2259 SPRING ST
- Name: L & J AUTO BODY & TOWING
Year: 2002
Address: 2259 SPRING ST
- Name: JG AUTOMOTIVE INC
Year: 2003
Address: 2259 SPRING ST
- Name: JG AUTOMOTIVE INC
Year: 2004
Address: 2259 SPRING ST
- Name: ACCR AND COLLISION REPAIR
Year: 2005
Address: 2259 SPRING ST
- Name: JG AUTOMOTIVE INC
Year: 2006
Address: 2259 SPRING ST
- Name: CLASSIC CARE COLLISION REPAIR
Year: 2008
Address: 2259 SPRING ST
- Name: ACCR & COLLISION REPAIR
Year: 2009
Address: 2259 SPRING ST
- Name: IMAGE AUTO BODY & TOWING
Year: 2011
Address: 2259 SPRING ST
- Name: IMAGE AUTO BODY & TOWING
Year: 2012
Address: 2259 SPRING ST

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

Q100	IMAGE AUTO BODY & TOWING	San Mateo Co. BI	S113758766
East	2259 SPRING		N/A
1/8-1/4	REDWOOD CITY, CA 94063		
0.217 mi.			
1147 ft.	Site 4 of 19 in cluster Q		

Relative:	San Mateo Co. BI:		
Higher	Region:	SAN MATEO	
	Facility ID:	FA0045590	
Actual:	Prog Element Code:	GENERATES <27 GAL/YEAR	
14 ft.	Record Id:	PR0060174	
	Description:	GENERATES <27 GAL/YEAR	
	Region:	SAN MATEO	
	Facility ID:	FA0045590	
	Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3	
	Record Id:	PR0060173	
	Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF	

Q101	IMAGE AUTO WORKS	San Mateo Co. BI	S113759037
East	2259 SPRING		N/A
1/8-1/4	REDWOOD CITY, CA 94063		
0.217 mi.			
1147 ft.	Site 5 of 19 in cluster Q		

Relative:	San Mateo Co. BI:		
Higher	Region:	SAN MATEO	
	Facility ID:	FA0051393	
Actual:	Prog Element Code:	GENERATES <27 GAL/YEAR	
14 ft.	Record Id:	PR0071237	
	Description:	GENERATES <27 GAL/YEAR	
	Region:	SAN MATEO	
	Facility ID:	FA0051393	
	Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3	
	Record Id:	PR0071236	
	Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF	

N102	AGRICULTURAL WEIGHTS & MEASURE	San Mateo Co. BI	S113755717
SW	728 HELLER		N/A
1/8-1/4	REDWOOD CITY, CA 94064		
0.218 mi.			
1149 ft.	Site 3 of 5 in cluster N		

Relative:	San Mateo Co. BI:		
Higher	Region:	SAN MATEO	
	Facility ID:	FA0011752	
Actual:	Prog Element Code:	GEN <1 TONS HAZ WASTE/YR	
17 ft.	Record Id:	PR0025920	
	Description:	GEN <1 TONS HAZ WASTE/YR	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R103
NW
1/8-1/4
0.219 mi.
1156 ft.

1728 BROADWAY ST
REDWOOD CITY, CA 94063

EDR US Hist Cleaners 1015004560
N/A

Site 1 of 4 in cluster R

Relative:
Lower

EDR Historical Cleaners:

Actual:
10 ft.

- Name: WASHING WELL
Year: 2001
Address: 1728 BROADWAY ST
- Name: WASHING WELL
Year: 2002
Address: 1728 BROADWAY ST
- Name: WASHING WELL
Year: 2003
Address: 1728 BROADWAY ST
- Name: WASHING WELL
Year: 2004
Address: 1728 BROADWAY ST
- Name: WASHING WELL
Year: 2005
Address: 1728 BROADWAY ST
- Name: WASHING WELL INC
Year: 2006
Address: 1728 BROADWAY ST
- Name: WASHING WELL INC
Year: 2007
Address: 1728 BROADWAY ST
- Name: WASHING WELL INC
Year: 2008
Address: 1728 BROADWAY ST
- Name: WASHING WELL INC
Year: 2009
Address: 1728 BROADWAY ST
- Name: WASHING WELL
Year: 2010
Address: 1728 BROADWAY ST
- Name: WASHING WELL
Year: 2011
Address: 1728 BROADWAY ST
- Name: WASHING WELL
Year: 2012
Address: 1728 BROADWAY ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

104
WSW
1/8-1/4
0.219 mi.
1157 ft.

611 HELLER STREET REDWOOD CITY
611 HELLER STREET
REDWOOD CITY, CA 94063

ENVIROSTOR S109927186
N/A

Relative:
Higher

ENVIROSTOR:

Actual:
17 ft.

Facility ID: 60001749
Status: Inactive - Action Required
Status Date: 07/13/2012
Site Code: 201938
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.11
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: George Chow
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.48173
Longitude: -122.2225
APN: 053-155-050
Past Use: UNKNOWN
Potential COC: Under Investigation
Confirmed COC: 31001-NO
Potential Description: UE
Alias Name: 053-155-050
Alias Type: APN
Alias Name: 201938
Alias Type: Project Code (Site Code)
Alias Name: 60001749
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/26/2012
Comments: Additional sampling is recommended.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S105
ENE
1/8-1/4
0.222 mi.
1174 ft.

GARCIA IMPORTS
871 WILLOW
REDWOOD CITY, CA 94063

San Mateo Co. BI **S113755397**
N/A

Site 1 of 3 in cluster S

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0007695
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011232
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Actual:
13 ft.

Region: SAN MATEO
Facility ID: FA0007695
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003851
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

O106
SSE
1/8-1/4
0.225 mi.
1187 ft.

SIGONA'S FARMERS MARKET
2345 MIDDLEFIELD RD
REDWOOD CITY, CA 94063

HIST UST **U001594607**
SWEEPS UST **N/A**

Site 5 of 5 in cluster O

Relative:
Higher

HIST UST:
Region: STATE
Facility ID: 00000004544
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: Not reported
Telephone: 4082688224
Owner Name: SHELL OIL COMPANY
Owner Address: P.O. BOX 4848
Owner City,St,Zip: ANAHEIM, CA 92803

Actual:
18 ft.

Tank Num: 001
Container Num: 1
Year Installed: 1970
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 2
Year Installed: 1970
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 3
Year Installed: 1970
Tank Capacity: 00005000
Tank Used for: PRODUCT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGONA'S FARMERS MARKET (Continued)

U001594607

Type of Fuel: PREMIUM
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, 10

Tank Num: 004
Container Num: 4
Year Installed: 1970
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: 12 gauge
Leak Detection: Stock Inventor, 10

SWEEPS UST:

Status: Not reported
Comp Number: 330191
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330191-000001
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: 1

Status: Active
Comp Number: 330191
Number: 3
Board Of Equalization: Not reported
Referral Date: 11-01-93
Action Date: 11-01-93
Created Date: 07-08-92
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

R107
NW
1/8-1/4
0.226 mi.
1194 ft.

H & H BRAKE SERVICE
1738 BROADWAY
REDWOOD CITY, CA 94063
Site 2 of 4 in cluster R

San Mateo Co. BI **S113755974**
N/A

Relative: San Mateo Co. BI:
Lower Region: SAN MATEO
 Facility ID: FA0013916
Actual: Prog Element Code: GENERATES <27 GAL/YEAR
10 ft. Record Id: PR0024845
 Description: GENERATES <27 GAL/YEAR

R108
NW
1/8-1/4
0.226 mi.
1194 ft.

1738 BROADWAY ST
REDWOOD CITY, CA 94063
Site 3 of 4 in cluster R

EDR US Hist Auto Stat **1015271519**
N/A

Relative: EDR Historical Auto Stations:
Lower Name: MENLO AUTOMOTIVE SERVICE
 Year: 1999
Actual: Address: 1738 BROADWAY ST
10 ft.

 Name: H & H BRAKE SERVICE
 Year: 2000
 Address: 1738 BROADWAY ST

 Name: MENLO AUTOMOTIVE SERVICE
 Year: 2001
 Address: 1738 BROADWAY ST

 Name: H & H BRAKE SERVICE
 Year: 2002
 Address: 1738 BROADWAY ST

 Name: H & H BRAKE SERVICE
 Year: 2003
 Address: 1738 BROADWAY ST

 Name: MENLO AUTOMOTIVE SERVICE
 Year: 2004
 Address: 1738 BROADWAY ST

 Name: MENLO AUTOMOTIVE SERVICE
 Year: 2005
 Address: 1738 BROADWAY ST

R109
NW
1/8-1/4
0.226 mi.
1194 ft.

MENLO AUTOMOTIVE SERVICE
1738 BROADWAY
REDWOOD CITY, CA 94063
Site 4 of 4 in cluster R

San Mateo Co. BI **S113756180**
N/A

Relative: San Mateo Co. BI:
Lower Region: SAN MATEO
 Facility ID: FA0016051
Actual: Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
10 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MENLO AUTOMOTIVE SERVICE (Continued)

S113756180

Record Id: PR0011389
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Region: SAN MATEO
Facility ID: FA0016051
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0004032
Description: STORES MV FUELS OR WASTE ONLY

Q110
East
1/8-1/4
0.228 mi.
1203 ft.

PENINSULA SERVICE STATION EQUI
2293 SPRING
REDWOOD CITY, CA 94063
Site 6 of 19 in cluster Q

San Mateo Co. BI **S113755317**
N/A

Relative:
Higher

Actual:
14 ft.

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0005786
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022021
Description: UNDERGROUND TANK - GENERAL

Q111
East
1/8-1/4
0.229 mi.
1209 ft.

PENINSULA SERVICE STATION EQUI
2297 SPRING ST
REDWOOD CITY, CA 94063
Site 7 of 19 in cluster Q

CA FID UST **S101593930**
SWEEPS UST **N/A**

Relative:
Higher

Actual:
14 ft.

CA FID UST:
Facility ID: 41003147
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4153653511
Mail To: Not reported
Mailing Address: 2297 SPRING ST
Mailing Address 2: Not reported
Mailing City,St,Zip: REDWOOD CITY 94063
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 5757
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PENINSULA SERVICE STATION EQUI (Continued)

S101593930

SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

112
SE
1/8-1/4
0.230 mi.
1215 ft.

**REDWOOD CITY SCHOOL DIST
CHARTER @ STAMBAUGH STS
REDWOOD CITY, CA 94063**

**RCRA-SQG 1000438511
HAZNET CAD981162928**

**Relative:
Higher**

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: REDWOOD CITY SCHOOL DIST
Facility address: CHARTER @ STAMBAUGH STS
REDWOOD CITY, CA 94063
EPA ID: CAD981162928
Mailing address: 815 ALLERTON ST
REDWOOD CITY, CA 94063
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Actual:
18 ft.**

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: REDWOOD CITY SCHOOL DIST
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY SCHOOL DIST (Continued)

1000438511

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 11/14/1985
Site name: REDWOOD CITY SCHOOL DIST
Classification: Large Quantity Generator

Violation Status: No violations found

HAZNET:

Year: 1998
Gepaid: CAD981162928
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2317 BROADWAY STE 10
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported
TSD EPA ID: CAD982042475
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 3.7926
Facility County: San Mateo

Year: 1998
Gepaid: CAD981162928
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2317 BROADWAY STE 10
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported
TSD EPA ID: CAL000027741
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 1.2642
Facility County: San Mateo

Year: 1997
Gepaid: CAD981162928

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY SCHOOL DIST (Continued)

1000438511

Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2317 BROADWAY STE 10
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .1000
Facility County: San Mateo

Year: 1997
Gepaid: CAD981162928
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2317 BROADWAY STE 10
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported
TSD EPA ID: CAD982042475
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 16.8560
Facility County: San Mateo

Q113
East
1/8-1/4
0.235 mi.
1239 ft.

REDWOOD CITY CARDLOCK
2302 SPRING ST
REDWOOD CITY, CA 94066
Site 8 of 19 in cluster Q

HIST UST **U001594641**
N/A

Relative:
Higher

HIST UST:
Region: STATE
Facility ID: 00000058734
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: GEORGE FIRENZE
Telephone: 4158738200
Owner Name: OLYMPIAN OIL COMPANY
Owner Address: 260 MICHELE CT.
Owner City,St,Zip: SOUTH SAN FRANCISCO, CA 94080

Actual:
14 ft.

Tank Num: 001
Container Num: 1
Year Installed: 1981
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 1/4 inches
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1981

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY CARDLOCK (Continued)

U001594641

Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 1/4 inches
Leak Detection: None

Tank Num: 003
Container Num: 3A
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 1/4 inches
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 1/4 inches
Leak Detection: None

Q114
East
1/8-1/4
0.235 mi.
1239 ft.

REDWOOD CITY CARDLOCK
2302 SPRING ST
REDWOOD CITY, CA 94066

CA FID UST S101623091
SWEEPS UST N/A

Site 9 of 19 in cluster Q

Relative:
Higher

CA FID UST:
Facility ID: 41004885
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8006826100
Mail To: Not reported
Mailing Address: 260 MICHELLE CT
Mailing Address 2: Not reported
Mailing City,St,Zip: REDWOOD CITY 94066
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Actual:
14 ft.

SWEEPS UST:
Status: Active
Comp Number: 330118
Number: 9
Board Of Equalization: Not reported
Referral Date: 11-01-93
Action Date: 11-01-93
Created Date: 10-13-88

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REDWOOD CITY CARDLOCK (Continued)

S101623091

Owner Tank Id: Not reported
 SWRCB Tank Id: Not reported
 Tank Status: Not reported
 Capacity: Not reported
 Active Date: Not reported
 Tank Use: Not reported
 STG: Not reported
 Content: Not reported
 Number Of Tanks: Not reported

Q115
East
1/8-1/4
0.237 mi.
1250 ft.

VALLEY MARKET & GAS
2303 SPRING
REDWOOD CITY, CA 94063
Site 10 of 19 in cluster Q

San Mateo Co. BI

S113757210
N/A

Relative:
Lower

San Mateo Co. BI:

Region: SAN MATEO
 Facility ID: FA0024712
 Prog Element Code: GENERATES <27 GAL/YEAR
 Record Id: PR0042959
 Description: GENERATES <27 GAL/YEAR

Actual:
13 ft.

Region: SAN MATEO
 Facility ID: FA0024712
 Prog Element Code: STORES MV FUELS OR WASTE ONLY
 Record Id: PR0030041
 Description: STORES MV FUELS OR WASTE ONLY

Region: SAN MATEO
 Facility ID: FA0024712
 Prog Element Code: PERMIT MODIFICATION
 Record Id: PR0030040
 Description: TEMPORARY CLOSURE

Region: SAN MATEO
 Facility ID: FA0024712
 Prog Element Code: UNDERGROUND TANK - GENERAL
 Record Id: PR0030035
 Description: UNDERGROUND TANK - GENERAL

Q116
East
1/8-1/4
0.237 mi.
1250 ft.

MARSILIS SERVICE
2303 SPRING ST
REDWOOD CITY, CA 94063
Site 11 of 19 in cluster Q

CA FID UST
SWEEPS UST

S101623076
N/A

Relative:
Lower

CA FID UST:

Facility ID: 41000336
 Regulated By: UTNKI
 Regulated ID: CAC000572
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 4153684096
 Mail To: Not reported
 Mailing Address: 2303 SPRING ST

Actual:
13 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARSILIS SERVICE (Continued)

S101623076

Mailing Address 2: Not reported
Mailing City,St,Zip: REDWOOD CITY 94063
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

SWEEPS UST:

Status: Not reported
Comp Number: 330144
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330144-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 5

Status: Not reported
Comp Number: 330144
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330144-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 330144
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330144-000003
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARSILIS SERVICE (Continued)

S101623076

Tank Use: M.V. FUEL
 STG: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: Not reported
 Comp Number: 330144
 Number: Not reported
 Board Of Equalization: Not reported
 Referral Date: Not reported
 Action Date: Not reported
 Created Date: Not reported
 Owner Tank Id: Not reported
 SWRCB Tank Id: 41-000-330144-000004
 Tank Status: Not reported
 Capacity: 4000
 Active Date: Not reported

Tank Use: M.V. FUEL
 STG: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: Not reported
 Comp Number: 330144
 Number: Not reported
 Board Of Equalization: Not reported
 Referral Date: Not reported
 Action Date: Not reported
 Created Date: Not reported
 Owner Tank Id: Not reported
 SWRCB Tank Id: 41-000-330144-000005
 Tank Status: Not reported
 Capacity: 350
 Active Date: Not reported

Tank Use: OIL
 STG: WASTE
 Content: WASTE OIL
 Number Of Tanks: Not reported

Q117
East
1/8-1/4
0.237 mi.
1250 ft.

MARSILI'S STATION
2303 SPRING
REDWOOD CITY, CA 94063
Site 12 of 19 in cluster Q

HIST CORTESE
LUST S103893097
N/A

Relative:
Lower

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 41
 Reg By: LTNKA
 Reg Id: 41-0334

Actual:
13 ft.

LUST:
 Region: STATE
 Global Id: T0608100319
 Latitude: 37.48355
 Longitude: -122.212942
 Case Type: LUST Cleanup Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARSILI'S STATION (Continued)

S103893097

Status: Completed - Case Closed
Status Date: 09/27/1996
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0334
LOC Case Number: 330087
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100319
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100319
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100319
Status: Completed - Case Closed
Status Date: 09/27/1996

Global Id: T0608100319
Status: Open - Case Begin Date
Status Date: 03/25/1991

Regulatory Activities:

Global Id: T0608100319
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100319
Action Type: ENFORCEMENT
Date: 08/05/1992
Action: Notice of Responsibility - #1

Global Id: T0608100319
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARSILI'S STATION (Continued)

S103893097

Global Id: T0608100319
Action Type: REMEDIATION
Date: 01/01/1950
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100319
Action Type: REMEDIATION
Date: 01/01/1950
Action: Not reported

Global Id: T0608100319
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330087
Facility Status: 9- Case Closed
Global ID: T0608100319
APN Number: 054081100
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

Q118
East
1/8-1/4
0.237 mi.
1250 ft.

MARSILI'S STATION
2303 SPRING
REDWOOD CITY, CA 94063
Site 13 of 19 in cluster Q

LUST **S104494085**
San Mateo Co. BI **N/A**

Relative:
Lower

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330087
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

Actual:
13 ft.

San Mateo Co. BI:

Region: SAN MATEO
Facility ID: FA0055017
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0075884
Description: GENERATES <27 GAL/YEAR

Region: SAN MATEO
Facility ID: FA0055017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARSILI'S STATION (Continued)

S104494085

Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0075883
Description: STORES MV FUELS OR WASTE ONLY

Region: SAN MATEO
Facility ID: FA0055017
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0075885
Description: UNDERGROUND TANK - GENERAL

Q119
East
1/8-1/4
0.237 mi.
1250 ft.

LEES AUTO REPAIR
2303 SPRING
REDWOOD CITY, CA 94063
Site 14 of 19 in cluster Q

San Mateo Co. BI **S113755363**
N/A

Relative:
Lower

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0007172
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011210
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Actual:
13 ft.

Region: SAN MATEO
Facility ID: FA0007172
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0024284
Description: STORES MV FUELS OR WASTE ONLY

Region: SAN MATEO
Facility ID: FA0007172
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022447
Description: UNDERGROUND TANK - GENERAL

Q120
East
1/8-1/4
0.237 mi.
1250 ft.

MARSILI AUTO
2303 SPRING STREET
REDWOOD CITY, CA 94063
Site 15 of 19 in cluster Q

UST **U001594578**
HIST UST **N/A**

Relative:
Lower

UST:
Facility ID: 41-000-010889
Latitude: 37.484894
Longitude: -122.211576
Permitting Agency: SAN MATEO COUNTY

Actual:
13 ft.

HIST UST:
Region: STATE
Facility ID: 00000058729
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: BOB MARSILI
Telephone: 4153684096
Owner Name: BOB MARSILI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARSILI AUTO (Continued)

U001594578

Owner Address: 2303 SPRING ST.
Owner City,St,Zip: REDWOOD CITY, CA 94063

Tank Num: 001
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 1
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 2
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Q121
East
1/8-1/4
0.237 mi.
1250 ft.

BOB MARSILI
2303 SPRING ST
REDWOOD CITY, CA 94063

HIST UST **U001594538**
N/A

Site 16 of 19 in cluster Q

Relative:
Lower

HIST UST:
Region: STATE
Facility ID: 00000059771
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0001
Contact Name: BOB MARSILI
Telephone: 4153684096
Owner Name: BOB MARSILI
Owner Address: 2303 SPRING ST.
Owner City,St,Zip: REDWOOD CITY, CA 94063

Tank Num: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOB MARSILI (Continued)

U001594538

Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Q122
East
1/8-1/4
0.237 mi.
1250 ft.

2303 SPRING ST
REDWOOD CITY, CA 94063

EDR US Hist Auto Stat 1015344933
N/A

Site 17 of 19 in cluster Q

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name: LEES AUTO REPAIR
Year: 2000
Address: 2303 SPRING ST

Name: LEES AUTO REPAIR
Year: 2001
Address: 2303 SPRING ST

Name: LEES AUTO REPAIR
Year: 2002
Address: 2303 SPRING ST

Name: VALLEY MARKET & GAS LLC
Year: 2004
Address: 2303 SPRING ST

Name: VALLEY MARKET & GAS
Year: 2005
Address: 2303 SPRING ST

Name: VALLEY MARKET & GAS
Year: 2007
Address: 2303 SPRING ST

Name: LEES AUTO REPAIR
Year: 2008
Address: 2303 SPRING ST

Name: LEES AUTO REPAIR
Year: 2009
Address: 2303 SPRING ST

Name: LEES AUTO REPAIR
Year: 2010
Address: 2303 SPRING ST

Name: VALLEY MARKET & GAS
Year: 2011
Address: 2303 SPRING ST

Name: LEES AUTO REPAIR
Year: 2012
Address: 2303 SPRING ST

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
T123 NNW 1/8-1/4 0.238 mi. 1258 ft.	SATELLITE DIALYSIS 1410 MARSHALL REDWOOD CITY, CA 94063 Site 1 of 3 in cluster T	San Mateo Co. BI	S113758591 N/A
Relative: Lower	San Mateo Co. BI: Region: SAN MATEO Facility ID: FA0040861		
Actual: 9 ft.	Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3 Record Id: PR0056705 Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF		
Q124 East 1/8-1/4 0.243 mi. 1284 ft.	SELTZER SISTERS 816 CHARTER REDWOOD CITY, CA 94063 Site 18 of 19 in cluster Q	San Mateo Co. BI	S113758340 N/A
Relative: Lower	San Mateo Co. BI: Region: SAN MATEO Facility ID: FA0035939		
Actual: 13 ft.	Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3 Record Id: PR0053298 Description: STORES HAZ MAT <219GAL,1,999LB, 879CF		
Q125 East 1/8-1/4 0.245 mi. 1292 ft.	R C SHAY & CO INC 818 CHARTER REDWOOD CITY, CA 94063 Site 19 of 19 in cluster Q	San Mateo Co. BI	S113756216 N/A
Relative: Lower	San Mateo Co. BI: Region: SAN MATEO Facility ID: FA0016361		
Actual: 13 ft.	Prog Element Code: GENERATES <27 GAL/YEAR Record Id: PR0027818 Description: GENERATES <27 GAL/YEAR		
U126 North 1/8-1/4 0.245 mi. 1292 ft.	ANCEL COURTNEY & ASSOC 1535 MARSHALL REDWOOD CITY, CA 94063 Site 1 of 2 in cluster U	San Mateo Co. BI	S113757008 N/A
Relative: Lower	San Mateo Co. BI: Region: SAN MATEO Facility ID: FA0023852		
Actual: 9 ft.	Prog Element Code: GENERATES <27 GAL/YEAR Record Id: PR0027922 Description: GENERATES <27 GAL/YEAR		

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

U127 North 1/8-1/4 0.245 mi. 1292 ft.	PEDERSEN WOODWORKS 1535 MARSHALL REDWOOD CITY, CA 94063 Site 2 of 2 in cluster U	San Mateo Co. BI	S113757007 N/A
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Relative: Lower	San Mateo Co. BI: Region: SAN MATEO Facility ID: FA0023851		
Actual: 9 ft.	Prog Element Code: GENERATES <27 GAL/YEAR Record Id: PR0027921 Description: GENERATES <27 GAL/YEAR		

T128 NNW 1/8-1/4 0.246 mi. 1300 ft.	JOSEPH BUCHWALD & SONS 1320 MARSHALL REDWOOD CITY, CA 94063 Site 2 of 3 in cluster T	San Mateo Co. BI	S113755250 N/A
--	--	------------------	-------------------

Relative: Lower	San Mateo Co. BI: Region: SAN MATEO Facility ID: FA0002996		
Actual: 9 ft.	Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3 Record Id: PR0001634 Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF		

T129 NNW 1/8-1/4 0.246 mi. 1300 ft.	JOSEPH BUCHWALD & SONS, INC. 1320 MARSHALL ST REDWOOD CITY, CA 94063 Site 3 of 3 in cluster T	HIST UST	U001594570 N/A
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Relative: Lower	HIST UST: Region: STATE Facility ID: 00000065559		
Actual: 9 ft.	Facility Type: Other Other Type: FOOD PRODUCTS Total Tanks: 0000 Contact Name: MILTON LEVITAN Telephone: 4153643131 Owner Name: JOSEPH BUCHWALD & SONS, INC. Owner Address: 1320 MARSHALL ST. Owner City,St,Zip: REDWOOD CITY, CA 94063		
	Tank Num: 001 Container Num: 001 Year Installed: 1970 Tank Capacity: 00001000 Tank Used for: PRODUCT Type of Fuel: UNLEADED Tank Construction: 12-14 gauge Leak Detection: None		

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

P130 NNE 1/8-1/4 0.247 mi. 1306 ft.	FOODS CO #353 1401 BROADWAY REDWOOD CITY, CA 94063 Site 3 of 3 in cluster P	San Mateo Co. BI	S113755224 N/A
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Relative: Higher Actual: 14 ft.	San Mateo Co. BI: Region: SAN MATEO Facility ID: FA0002588 Prog Element Code: GEN <1 TONS HAZ WASTE/YR Record Id: PR0071819 Description: GEN <1 TONS HAZ WASTE/YR	
--	--	--

N131 SW 1/8-1/4 0.248 mi. 1308 ft.	ANGEL CAR CARE 330 CHESTNUT REDWOOD CITY, CA 94063 Site 4 of 5 in cluster N	San Mateo Co. BI	S113756171 N/A
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Relative: Higher Actual: 18 ft.	San Mateo Co. BI: Region: SAN MATEO Facility ID: FA0015996 Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT Record Id: PR0011384 Description: GENERATES & RECYCLES WASTE OIL/SOLVENT Region: SAN MATEO Facility ID: FA0015996 Prog Element Code: STORES MV FUELS OR WASTE ONLY Record Id: PR0004029 Description: STORES MV FUELS OR WASTE ONLY	
--	---	--

N132 SW 1/8-1/4 0.248 mi. 1308 ft.	330 CHESTNUT ST REDWOOD CITY, CA 94063 Site 5 of 5 in cluster N	EDR US Hist Auto Stat	1015429419 N/A
---	--	------------------------------	---------------------------------

Relative: Higher Actual: 18 ft.	EDR Historical Auto Stations: Name: ANGEL CAR CARE Year: 2001 Address: 330 CHESTNUT ST	
--	---	--

S133 ENE 1/4-1/2 0.255 mi. 1347 ft.	RAYCHEM CORPORATION 55 PLANT 2201 BAY RD REDWOOD CITY, CA 94063 Site 2 of 3 in cluster S	RCRA-SQG PADS FINDS NPDES SLIC	1000473114 CAD982446072
--	---	---	--

Relative: Lower Actual: 13 ft.	RCRA-SQG: Date form received by agency: 09/01/1996 Facility name: RAYCHEM CORPORATION 55 PLANT Facility address: 2201 BAY RD REDWOOD CITY, CA 94063 EPA ID: CAD982446072 Mailing address: 300 CONSTITUTION DR MENLO PARK, CA 94025	
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAYCHEM CORPORATION 55 PLANT (Continued)

1000473114

Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: RAYCHEM CORPORATION
Owner/operator address: NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/05/1991
Site name: RAYCHEM CORPORATION 55 PLANT
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAYCHEM CORPORATION 55 PLANT (Continued)

1000473114

Violation Status: No violations found

PADS:

EPAID: CAD982446072
Facility name: RAYCHEM CORPORATION 55 PLANT
Facility Address: 2201 BAY RD
REDWOOD CITY, CA 94063
Facility country: US
Generator: No
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No
Facility owner name: TYCO THERMAL CONTROLS
Contact title: DIRECTOR INTERNATIONAL TRADE COMPLIANCE
Contact name: SPENCE LESLIE
Contact tel: 650-474-7414
Contact extension: Not reported
Mailing address: 2415 BAY ROAD
REDWOOD CITY, CA 94063
Mailing country: US
Cert. title: DIRECTOR
Cert. name: SPENCE LESLIE
Cert. date: 12/29/2010
Date received: 02/02/2011

FINDS:

Registry ID: 110002814768

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NPDES:

Npdes Number: CAS000002
Facility Status: Terminated
Agency Id: 0
Region: 2
Regulatory Measure Id: 426253
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 2 41C363498
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/25/2012
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 12/05/2012
Discharge Name: Tyco Thermal Controls
Discharge Address: 307 Constitution Drive

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RAYCHEM CORPORATION 55 PLANT (Continued)

1000473114

Discharge City: menlo Park
 Discharge State: California
 Discharge Zip: 94025

SLIC:

Region: STATE
Facility Status: Open - Site Assessment
 Status Date: 04/02/2007
 Global Id: SL0608188378
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Lead Agency Case Number: Not reported
 Latitude: 37.485596
 Longitude: -122.212922
 Case Type: Cleanup Program Site
 Case Worker: DIB
 Local Agency: Not reported
 RB Case Number: 41S0176
 File Location: Regional Board
 Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
 Potential Contaminants of Concern: * Polychlorinated Biphenyl (PCBs)
 Site History: Groundwater monitoring is being performed to determine groundwater contaminant trends, flow direction. Groundwater contaminant levels are relatively low. Tyco is proposing to excavate contaminated soil at the site. Contaminated soil at the Tyco Site is under paved areas or the building onsite. Contaminated soil may also extend offsite onto an adjacent parcel at the rear of the site that was formerly a railroad spur.

[Click here to access the California GeoTracker records for this facility:](#)

S134
ENE
1/4-1/2
0.255 mi.
1347 ft.

TYCO THERMAL CONTROLS
2201 BAY
REDWOOD CITY, CA 94063
Site 3 of 3 in cluster S

DEED **S113755284**
San Mateo Co. BI **N/A**

Relative:
Lower

DEED:
 Area: Not reported
 Sub Area: Not reported
 Site Type: SLIC
 Status: OPEN - SITE ASSESSMENT
 Agency: SWRCB
 Covenant Uploaded:
 Deed Date(s): 01/24/2013
 EDR Link ID: SL0608188378

Actual:
13 ft.

San Mateo Co. BI:
 Region: SAN MATEO
 Facility ID: FA0004484
 Prog Element Code: COND EXEMPT - SPECIAL WASTES
 Record Id: PR0030001
 Description: COND EXEMPT - SPECIAL WASTES

 Region: SAN MATEO
 Facility ID: FA0004484
 Prog Element Code: GEN <1 TONS HAZ WASTE/YR
 Record Id: PR0011294

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TYCO THERMAL CONTROLS (Continued)

S113755284

Description: GEN <1 TONS HAZ WASTE/YR
Region: SAN MATEO
Facility ID: FA0004484
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0031606
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF

135
SSE
1/4-1/2
0.258 mi.
1362 ft.

DE OLIVERA PROPERTY
2401 MIDDLEFIELD
REDWOOD CITY, CA 94063

HIST CORTESE **S104494056**
LUST **N/A**

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0827

Actual:
19 ft.

LUST:
Region: STATE
Global Id: T0608100775
Latitude: 37.478817
Longitude: -122.214011
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/26/1995
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0827
LOC Case Number: 330121
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0608100775
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100775
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DE OLIVERA PROPERTY (Continued)

S104494056

Status History:

Global Id: T0608100775
Status: Open - Case Begin Date
Status Date: 02/08/1994

Global Id: T0608100775
Status: Completed - Case Closed
Status Date: 06/26/1995

Regulatory Activities:

Global Id: T0608100775
Action Type: ENFORCEMENT
Date: 03/08/1994
Action: Notice of Responsibility - #1

Global Id: T0608100775
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330121
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330121
Facility Status: 9- Case Closed
Global ID: T0608100775
APN Number: Not reported
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

136
 NNW
 1/4-1/2
 0.266 mi.
 1403 ft.

ALOHA STATE FLOWERS, INC.
1260 MARSHALL
REDWOOD CITY, CA 94063

HIST CORTESE **S104161770**
LUST **N/A**

Relative:
Lower

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 41
 Reg By: LTNKA
 Reg Id: 41-0014

Actual:
9 ft.

LUST:

Region: STATE
 Global Id: T0608100014
 Latitude: 37.487373532798
 Longitude: -122.221806049347
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 10/12/2010
 Lead Agency: SAN MATEO COUNTY LOP
 Case Worker: DGM
 Local Agency: SAN MATEO COUNTY LOP
 RB Case Number: 41-0014
 LOC Case Number: 330004
 File Location: Local Agency
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: Extracted from Green Environment's March 3, 2010 SITE CLOSURE SUMMARY REPORT, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The property consists of a rectangular parcel identified as San Mateo County Parcel No. 053-205-040. The parcel of approximately 6,000 square-feet measures fifty (50) feet wide and one-hundred-and-twenty (120) feet long. The parcel is relatively flat and surface elevation is at approximately nine (9) feet above mean sea level. In a predominantly commercial area of Redwood City, the property is improved with a two-story building of concrete construction. The ground floor is commercial office space, and the second floor is residential. The north end of the subject property consists of a concrete surfaced yard, approximately 50 feet by 30 feet in area, used for parking and building access from Marshall Street. Historical documents indicate the building and other property improvements were constructed in the late-1950s. An ambulance service firm, Peninsula Ambulance, occupied the premises from the late-1950s to mid-1970s. The northeast portion of the buildings ground floor was used for office space, and the northwest portion served as a garage for vehicles. From the mid-1970s to 2000s, the subject property was occupied by a flower sales business, Aloha State Flowers, Inc. (Aloha Flowers). Since then, the building has been leased out to various commercial firms for office and storage space. The buildings second floor has been used as a residential dwelling. In March 1986, one (1) 550-gallon capacity UST was excavated and removed along with the dispenser from the north end of the subject property. The UST system was used for the storage and dispensing of gasoline until approximately the mid-1980s. The tank pit measured approximately 10 feet by 7 feet in area. On March 12, 1986, after the tank was removed, Blaine Tech reportedly collected soil and groundwater samples from the tank pit. The analytical

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALOHA STATE FLOWERS, INC. (Continued)

S104161770

results of two (2) soil samples taken from the pit sidewalls indicated, respectively, 130 and 290 milligrams per kilogram (mg/Kg) of total petroleum hydrocarbons as gasoline (TPHg) as quantified via Environmental Protection Agency (EPA) Method 8015M. The analytical results of a grab groundwater sample taken from the tank pit indicated 38,000 micrograms per liter (8g/L) of TPHg. By letter dated October 3, 1990, the San Mateo County LUFT Enforcement Program requested Aloha Flowers to implement investigation and remedial action to address the release of petroleum hydrocarbons from the former UST system. June 1992 to November 1993: In May and June 1992, Brunsing Associates, Inc. (BAI) completed three (3) exploratory borings (B-1, B-2 and B-3) adjacent to the east, south and west sides of the former UST pit, respectively. A groundwater monitoring well (MW-1) was installed in June 1992 on the north side of the former UST pit. From June 1992 to November 1993, Well MW-1 was gauged for depth-to-water and sampled on a quarterly frequency. January 1994 to May 1997: In January 1994, BAI completed an additional boring (B-4) east of the former UST pit, and installed two (2) groundwater monitoring wells. Well MW-2 was installed on-site near the former fuel dispenser at the northwest corner of the subject property. Well MW-3 was installed off-site on Marshall Street to the north of the subject property. From February 1994 to May 1997, BAI conducted quarterly groundwater monitoring of Wells MW-1, MW-2 and MW-3. The results were presented in technical reports by BAI. In July 1995, BAI completed six (6) borings (B-5 to B-10) to evaluate soil and groundwater impact off-site and in the vicinity of underground utilities. Boring B-5 was completed northwest of the former dispenser on the adjoining property at 1738-1740 Broadway Street. The remaining borings (B-6 to B-10) were completed to the north of the

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100014
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100014
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608100014
Status: Open - Site Assessment
Status Date: 05/24/2001

Global Id: T0608100014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALOHA STATE FLOWERS, INC. (Continued)

S104161770

Status: Completed - Case Closed
Status Date: 10/12/2010

Global Id: T0608100014
Status: Open - Case Begin Date
Status Date: 03/24/1986

Regulatory Activities:

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 06/09/2010
Action: Staff Letter - #20100610

Global Id: T0608100014
Action Type: RESPONSE
Date: 06/29/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 10/12/2010
Action: Closure/No Further Action Letter - #20101012

Global Id: T0608100014
Action Type: RESPONSE
Date: 02/28/2010
Action: Request for Closure

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 08/07/2008
Action: Staff Letter - #20080807

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 08/03/2009
Action: Staff Letter - #20090803

Global Id: T0608100014
Action Type: RESPONSE
Date: 08/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 09/12/2005
Action: Staff Letter - #20050912

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 06/12/2006
Action: Staff Letter - #20060612

Global Id: T0608100014
Action Type: RESPONSE
Date: 09/09/2010
Action: Well Destruction Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALOHA STATE FLOWERS, INC. (Continued)

S104161770

Global Id: T0608100014
Action Type: RESPONSE
Date: 08/04/2009
Action: Other Report / Document

Global Id: T0608100014
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 12/12/2006
Action: Staff Letter - #20061212

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 10/04/2007
Action: Staff Letter - #20071004

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 12/17/2003
Action: Staff Letter - #20031217

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 10/03/1990
Action: Notice of Responsibility - #19901003

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 06/28/2007
Action: Staff Letter - #20070628

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 04/23/2008
Action: Staff Letter - #20080423A

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 05/30/2006
Action: Staff Letter - #20060530

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 07/24/2006
Action: Staff Letter - #20060724

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 05/30/2006
Action: Notice of Violation - #20060530

Global Id: T0608100014
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALOHA STATE FLOWERS, INC. (Continued)

S104161770

Date: 04/23/2008
Action: Staff Letter - #20080423B

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 05/15/2007
Action: Staff Letter - #20070515

Global Id: T0608100014
Action Type: RESPONSE
Date: 05/17/2006
Action: Soil and Water Investigation Workplan

Global Id: T0608100014
Action Type: RESPONSE
Date: 10/16/2006
Action: Soil and Water Investigation Report

Global Id: T0608100014
Action Type: RESPONSE
Date: 06/30/2006
Action: Other Workplan

Global Id: T0608100014
Action Type: RESPONSE
Date: 10/16/2006
Action: Risk Assessment Report

Global Id: T0608100014
Action Type: RESPONSE
Date: 02/20/2007
Action: Other Report / Document

Global Id: T0608100014
Action Type: RESPONSE
Date: 01/16/2007
Action: Other Report / Document

Global Id: T0608100014
Action Type: RESPONSE
Date: 02/20/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100014
Action Type: RESPONSE
Date: 07/27/2007
Action: Soil and Water Investigation Workplan

Global Id: T0608100014
Action Type: RESPONSE
Date: 11/30/2007
Action: Soil and Water Investigation Report

Global Id: T0608100014
Action Type: RESPONSE
Date: 11/05/2007
Action: Electronic Reporting Submittal Due

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALOHA STATE FLOWERS, INC. (Continued)

S104161770

Global Id:	T0608100014
Action Type:	RESPONSE
Date:	11/05/2007
Action:	Other Report / Document
Global Id:	T0608100014
Action Type:	RESPONSE
Date:	03/28/2008
Action:	Soil and Water Investigation Workplan
Global Id:	T0608100014
Action Type:	RESPONSE
Date:	11/04/2008
Action:	Site Assessment Report
Global Id:	T0608100014
Action Type:	ENFORCEMENT
Date:	08/11/2005
Action:	Staff Letter - #20050811
Global Id:	T0608100014
Action Type:	ENFORCEMENT
Date:	02/22/2006
Action:	Staff Letter - #20060222
Global Id:	T0608100014
Action Type:	ENFORCEMENT
Date:	03/17/2004
Action:	Technical Correspondence / Assistance / Other - #20040317
Global Id:	T0608100014
Action Type:	ENFORCEMENT
Date:	04/05/2005
Action:	Staff Letter - #20050405
Global Id:	T0608100014
Action Type:	ENFORCEMENT
Date:	08/03/2009
Action:	Staff Letter - #20090803
Global Id:	T0608100014
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0608100014
Action Type:	RESPONSE
Date:	05/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0608100014
Action Type:	RESPONSE
Date:	06/29/2005
Action:	Other Report / Document
Global Id:	T0608100014
Action Type:	REMEDIATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALOHA STATE FLOWERS, INC. (Continued)

S104161770

Date: 01/01/1950
Action: Excavation

Global Id: T0608100014
Action Type: REMEDIATION
Date: 01/01/1950
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100014
Action Type: RESPONSE
Date: 10/19/2005
Action: Respond to Petition

Global Id: T0608100014
Action Type: RESPONSE
Date: 10/20/2005
Action: Respond to Petition

Global Id: T0608100014
Action Type: RESPONSE
Date: 09/22/2009
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 12/18/2009
Action: Technical Correspondence / Assistance / Other - #20091218

Global Id: T0608100014
Action Type: ENFORCEMENT
Date: 05/10/2010
Action: Notification - Public Notice of Case Closure - #20100510

Global Id: T0608100014
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0608100014
Action Type: REMEDIATION
Date: 01/01/1950
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100014
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0608100014
Action Type: REMEDIATION
Date: 01/01/1950
Action: Soil Vapor Extraction (SVE)

LUST REG 2:
Region: 2
Facility Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALOHA STATE FLOWERS, INC. (Continued)

S104161770

Facility Status: Pollution Characterization
Case Number: 330004
How Discovered: Tank Closure
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 5/24/2001
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330004
Facility Status: 9- Case Closed
Global ID: T0608100014
APN Number: 053205040
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

V137
NW
1/4-1/2
0.269 mi.
1420 ft.

REDWOOD CITY CS
1400 BROADWAY
REDWOOD CITY, CA 94062
Site 1 of 2 in cluster V

HIST CORTESE **S104493969**
LUST **N/A**
ENF

Relative:
Lower
Actual:
10 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0440

LUST:

Region: STATE
Global Id: T0608100419
Latitude: 37.4866112
Longitude: -122.2324242
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/12/1996
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0440
LOC Case Number: 330091
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0608100419

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY CS (Continued)

S104493969

Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100419
Contact Type: Regional Board Caseworker
Contact Name: Regional Board (RB2)
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0608100419
Status: Completed - Case Closed
Status Date: 08/12/1996

Global Id: T0608100419
Status: Open - Case Begin Date
Status Date: 10/11/1991

Regulatory Activities:
Global Id: T0608100419
Action Type: ENFORCEMENT
Date: 03/17/1993
Action: * Historical Enforcement

Global Id: T0608100419
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100419
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0608100419
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

ENF:
Region: 2
Facility Id: 630966
Agency Name: Redwood City
Place Type: Utility
Place Subtype: Collection_System
Facility Type: Municipal/Domestic
Agency Type: City Agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY CS (Continued)

S104493969

# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	2
Complexity:	C
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SSOMUNILRG
Program Category1:	SSO
Program Category2:	SSO
# Of Programs:	1
WDID:	2SSO10168
Reg Measure Id:	300097
Reg Measure Type:	Enrollee
Region:	2
Order #:	2006-0003-DWQ
Npdes# CA#:	Not reported
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	4676
Status:	Active
Status Date:	09/05/2006
Effective Date:	09/05/2006
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX
Direction/Voice:	Passive
Enforcement Id(EID):	377307

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY CS (Continued)

S104493969

Region: 2
Order / Resolution Number: R2-2011-0006
Enforcement Action Type: Admin Civil Liability
Effective Date: 02/14/2011
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 03/15/2011
ACL Issuance Date: 02/14/2011
EPL Issuance Date: Not reported
Status: Historical
Title: ACLC R2-2011-0006 for Redwood City Redwood Shores SSO
Description: On 8/25/2010, Redwood City had a 94,900 gal SSO of which 57,107 gal discharged to surface water. ACL Complaint issued assessing a \$95,600 liability on 2/14/2011.

Program: SSOMUNILRG
Latest Milestone Completion Date: 2011-03-15
Of Programs1: 1
Total Assessment Amount: 95600
Initial Assessed Amount: 0
Liability \$ Amount: 95600
Project \$ Amount: 0
Liability \$ Paid: 95600
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 95600

Region: 2
Facility Id: 252216
Agency Name: Redwood City
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: City Agency
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: 7549
SIC Desc 1: Automotive Services, Except Repair and Carwashes
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REDWOOD CITY CS (Continued)

S104493969

Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 417142N01
Reg Measure Id:	162472
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	223284
Region:	2
Order / Resolution Number:	93-026
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/17/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	1996-10-16
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 417142N01
Description:	SCR-
Program:	UNREGS
Latest Milestone Completion Date:	1996-10-16
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	2
Facility Id:	252216

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY CS (Continued)

S104493969

Agency Name:	Redwood City
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	City Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	7549
SIC Desc 1:	Automotive Services, Except Repair and Carwashes
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 417142N01
Reg Measure Id:	162472
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY CS (Continued)

S104493969

Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 222683
Region: 2
Order / Resolution Number: 96-139
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 10/16/1996
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 417142N01
Description: SCR-
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

V138 **REDWOOD CITY CORPORATION YARD**
NW **1400 BROADWAY**
1/4-1/2 **REDWOOD CITY, CA 94063**
0.269 mi.
1420 ft. **Site 2 of 2 in cluster V**

LUST **1000438517**
 N/A

Relative: LUST REG 2:
Lower Region: 2
 Facility Id: 41-0440
Actual: Facility Status: Case Closed
10 ft. Case Number: 330091
 How Discovered: Tank Closure
 Leak Cause: Structure Failure
 Leak Source: Tank
 Date Leak Confirmed: Not reported
 Oversight Program: LUST
 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 Post Remedial Action Monitoring Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W139
South
1/4-1/2
0.273 mi.
1440 ft.

ORCHARD SUPPLY HARDWARE
UNKNOWN MIDDLEFIELD & WOODSIDE RD
REDWOOD CITY, CA

SLIC S106235293
N/A

Site 1 of 2 in cluster W

Relative:
Higher

SLIC:

Region: STATE
Facility Status: Open - Inactive
Status Date: 03/09/2001
Global Id: SLT2O228324
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.478809
Longitude: -122.2173
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 41S0029
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Actual:
20 ft.

Click here to access the California GeoTracker records for this facility:

SLIC REG 2:

Region: 2
Facility ID: SLT2O228324
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
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

W140
South
1/4-1/2
0.273 mi.
1440 ft.

PRICE COMPANY
2110 MIDDLEFIELD RD
REDWOOD CITY, CA 94063

CERC-NFRAP 1003878966
CAD981430507

Site 2 of 2 in cluster W

Relative:
Higher

CERC-NFRAP:

Site ID: 0902435
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:
20 ft.

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13287440.00000
Person ID: 13003854.00000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PRICE COMPANY (Continued)

1003878966

Contact Sequence ID: 13293035.00000
 Person ID: 13003858.00000

Contact Sequence ID: 13298893.00000
 Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: ORCHARD SUPPLY HARDWARE
 Alias Address: Not reported
 CA

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
 Date Started: / /
 Date Completed: 08/01/86
 Priority Level: Not reported

Action: ARCHIVE SITE
 Date Started: / /
 Date Completed: 10/01/87
 Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
 Date Started: / /
 Date Completed: 10/01/87
 Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

141
North
1/4-1/2
0.280 mi.
1478 ft.

BEEGER PROPERTY
1135 CHESTNUT ST
REDWOOD CITY, CA 94063

HIST CORTESE **S101438053**
LUST **N/A**

Relative:
Lower

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 41
 Reg By: LTNKA
 Reg Id: 41-0073

Actual:
10 ft.

LUST:

Region: STATE
 Global Id: T0608100068
 Latitude: 37.4881747
 Longitude: -122.2175423
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 01/01/1999
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: UUU
 Local Agency: SAN MATEO COUNTY LOP
 RB Case Number: 41-0073
 LOC Case Number: 330014
 File Location: Not reported
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEEGER PROPERTY (Continued)

S101438053

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100068
Contact Type: Regional Board Caseworker
Contact Name: Regional Board (RB2)
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100068
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100068
Status: Completed - Case Closed
Status Date: 01/01/1999

Global Id: T0608100068
Status: Open - Site Assessment
Status Date: 11/01/1988

Global Id: T0608100068
Status: Open - Case Begin Date
Status Date: 02/04/1988

Global Id: T0608100068
Status: Open - Site Assessment
Status Date: 01/18/1991

Global Id: T0608100068
Status: Open - Remediation
Status Date: 09/21/1991

Regulatory Activities:

Global Id: T0608100068
Action Type: ENFORCEMENT
Date: 03/17/1993
Action: Closure/No Further Action Letter

Global Id: T0608100068
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100068
Action Type: Other
Date: 01/01/1950

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEEGER PROPERTY (Continued)

S101438053

Action: Leak Reported

Global Id: T0608100068
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

LUST REG 2:

Region: 2
Facility Id: 41-0073
Facility Status: Case Closed
Case Number: 330014
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: 1/18/1991
Preliminary Site Assessment Began: 11/1/1988
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: 9/21/1991
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

142
ENE
1/4-1/2
0.294 mi.
1550 ft.

**REDWOOD CITY RAIL SPUR (BETWEEN BAY ROAD AND CHARTER STREET)
BAY ROAD TO CHARTER STREET
REDWOOD CITY, CA 94063**

**SLIC S110376590
N/A**

**Relative:
Lower**

SLIC:

Region: STATE
Facility Status: Open - Site Assessment
Status Date: 07/13/2010
Global Id: T10000002294
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.4858581683549
Longitude: -122.21302986145
Case Type: Cleanup Program Site
Case Worker: DIB
Local Agency: Not reported
RB Case Number: 43S1138
File Location: Not reported
Potential Media Affected: Soil
Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Polychlorinated biphenyls (PCBs)
Site History: Not reported

**Actual:
12 ft.**

[Click here to access the California GeoTracker records for this facility:](#)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

143
NE
1/4-1/2
0.300 mi.
1583 ft.

REDWOOD PLAZA SHOPPING CENTER
1200 BROADWAY
REDWOOD CITY, CA 94063

LUST **S105194767**
SLIC **N/A**

Relative:
Higher

LUST REG 2:

Actual:
14 ft.

Region: 2
Facility Id: 41-0822
Facility Status: Post remedial action monitoring
Case Number: 41-0822
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 6/13/1994
Pollution Remediation Plan Submitted: 8/30/1995
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 10/1/1997

SLIC:

Region: STATE
Facility Status: Open - Verification Monitoring
Status Date: 10/01/1997
Global Id: T0608100771
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 339021
Latitude: 37.487237
Longitude: -122.214472
Case Type: Cleanup Program Site
Case Worker: DIB
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0822
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

X144
SSE
1/4-1/2
0.318 mi.
1678 ft.

EICHROME
2480 MIDDLEFIELD ROAD
REDWOOD CITY, CA 94063

HIST Cal-Sites **S102860953**
RESPONSE **N/A**
ENVIROSTOR

Site 1 of 3 in cluster X

Relative:
Higher

Calsite:

Actual:
20 ft.

Region: BERKELEY
Facility ID: 41350026
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 06011986
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EICHROME (Continued)

S102860953

Status Name: CERTIFIED
Lead Agency: N/A
NPL: Not reported
SIC Code: 35
SIC Name: MANU - INDUSTRIAL MACHINERY & EQUIPMENT
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: EGILLERA
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 21
State Senate District Code: 11
Facility ID: 41350026
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06011986
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 41350026
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 07121985
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EICHROME (Continued)

S102860953

Liquids Removed (Gals): 585
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: N
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 2480 MIDDLEFIELD ROAD
Alternate City,St,Zip: REDWOOD CITY, CA 94063
Background Info: This property was owned by Johns Manville Corporation prior to 1965 for manufacture of asbestos insulation. It was then owned and occupied by Eichrome, which was a hardware and building supply company. Eichrome consisted of two slab-floor buildings, a storage yard, and a parking area. The whole structure's underlying soils were contaminated with asbestos. DTSC oversaw the site characterization and cleanup of the Site. Construction of the Safkeep self storage facility subsequently followed in September 1986.
Comments Date: 06011986
Comments: Certified Site.
Comments Date: 07121985
Comments: Completed RA. Cleanup activities involved the removal and
Comments Date: 07121985
Comments: disposal of approximately 585 cubic yards of asbestos impacted
Comments Date: 07121985
Comments: soil.
ID Name: Not reported
ID Value: Not reported
Alternate Name: EICHROMEER DEVELOPMENT COMPANYSAF KEEP SELF STORAGE FACILITY
Special Programs Code: Not reported
Special Programs Name: Not reported

RESPONSE:

Facility ID: 41350026
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Site Code: Not reported
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 24
Senate: 13
Special Program Status: Not reported
Status: Certified
Status Date: 06/01/1986
Restricted Use: NO
Funding: Responsible Party
Latitude: 37.47772

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EICHROME (Continued)

S102860953

Longitude: -122.2148
APN: 054111060
Past Use: MANUFACTURING - OTHER
Potential COC : Asbestos Containing Materials (ACM
Confirmed COC: Asbestos Containing Materials (ACM
Potential Description: SOIL
Alias Name: ER DEVELOPMENT COMPANY
Alias Type: Alternate Name
Alias Name: SAF KEEP SELF STORAGE FACILITY
Alias Type: Alternate Name
Alias Name: 054111060
Alias Type: APN
Alias Name: 110033616148
Alias Type: EPA (FRS #)
Alias Name: 41350026
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/01/1986
Comments: Certified Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/12/1985
Comments: Completed RA. Cleanup activities involved the removal and disposal of approximately 585 cubic yards of asbestos impacted soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/27/2001
Comments: Site screening completed. No further action determination.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 41350026
Status: Certified
Status Date: 06/01/1986
Site Code: Not reported
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EICHROME (Continued)

S102860953

Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 24
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.47772
Longitude: -122.2148
APN: 054111060
Past Use: MANUFACTURING - OTHER
Potential COC: Asbestos Containing Materials (ACM)
Confirmed COC: Asbestos Containing Materials (ACM)
Potential Description: SOIL
Alias Name: ER DEVELOPMENT COMPANY
Alias Type: Alternate Name
Alias Name: SAF KEEP SELF STORAGE FACILITY
Alias Type: Alternate Name
Alias Name: 054111060
Alias Type: APN
Alias Name: 110033616148
Alias Type: EPA (FRS #)
Alias Name: 41350026
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/01/1986
Comments: Certified Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/12/1985
Comments: Completed RA. Cleanup activities involved the removal and disposal of approximately 585 cubic yards of asbestos impacted soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/27/2001
Comments: Site screening completed. No further action determination.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

145
SSW
1/4-1/2
0.323 mi.
1708 ft.

G R BROWN CO
989 SHASTA
REDWOOD CITY, CA 94063

LUST **S104732903**
N/A

Relative:
Higher

LUST:

Actual:
20 ft.

Region: STATE
Global Id: T0608192700
Latitude: 37.4779
Longitude: -122.2196
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/02/1991
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-1253
LOC Case Number: 330090
File Location: Local Agency Warehouse
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608192700
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608192700
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608192700
Status: Open - Case Begin Date
Status Date: 11/29/1990

Global Id: T0608192700
Status: Completed - Case Closed
Status Date: 10/02/1991

Regulatory Activities:

Global Id: T0608192700
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G R BROWN CO (Continued)

S104732903

Global Id: T0608192700
Action Type: ENFORCEMENT
Date: 02/04/1991
Action: Notice of Responsibility - #1

Global Id: T0608192700
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330090
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330090
Facility Status: 9- Case Closed
Global ID: T0608192700
APN Number: 053345050
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

146
WSW
1/4-1/2
0.326 mi.
1719 ft.

CHUBS AUTO REPAIR
1180 MAIN ST
REDWOOD CITY, CA 94063

RCRA-SQG 1001023114
FINDS CAR000004721
HIST CORTESE
LUST
SWEEPS UST
HAZNET

Relative:
Higher

RCRA-SQG:
Date form received by agency: 08/07/1995
Facility name: CHUBS AUTO REPAIR
Facility address: 1180 MAIN ST
REDWOOD CITY, CA 94063
EPA ID: CAR000004721
Mailing address: MAIN ST
REDWOOD CITY, CA 94063
Contact: STEVE BRUGMAN
Contact address: 1180 MAIN ST
REDWOOD CITY, CA 94063
Contact country: US
Contact telephone: (415) 368-2224

Actual:
16 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHUBS AUTO REPAIR (Continued)

1001023114

Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: STEVE BRUGMAN
Owner/operator address: 1180 MAIN ST
REDWOOD, CA 94063
Owner/operator country: Not reported
Owner/operator telephone: (415) 368-2224
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002907310

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHUBS AUTO REPAIR (Continued)

1001023114

HIST CORTESE:

Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0920

LUST:

Region: STATE
Global Id: T0608100848
Latitude: 37.481695
Longitude: -122.225642
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/21/1995
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0920
LOC Case Number: 330120
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0608100848
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100848
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100848
Status: Open - Case Begin Date
Status Date: 01/14/1993

Global Id: T0608100848
Status: Completed - Case Closed
Status Date: 06/21/1995

Regulatory Activities:

Global Id: T0608100848

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHUBS AUTO REPAIR (Continued)

1001023114

Action Type: ENFORCEMENT
Date: 03/08/1994
Action: Notice of Responsibility - #1

Global Id: T0608100848
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330120
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330120
Facility Status: 9- Case Closed
Global ID: T0608100848
APN Number: Not reported
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SWEEPS UST:

Status: Not reported
Comp Number: 340141
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-340141-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: 2

Status: Not reported
Comp Number: 340141

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHUBS AUTO REPAIR (Continued)

1001023114

Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-340141-000002
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

HAZNET:

Year: 2007
Gepaid: CAR000004721
Contact: STEVE BRUGMAN PRESIDENT
Telephone: 6509416344
Mailing Name: Not reported
Mailing Address: 331 ANGELA CT
Mailing City,St,Zip: LOS ALTOS, CA 940223014
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Solvents Recovery
Tons: 0.1
Facility County: San Mateo

Year: 2006
Gepaid: CAR000004721
Contact: STEVE BRUGMAN PRESIDENT
Telephone: 6503682224
Mailing Name: Not reported
Mailing Address: 1180 MAIN ST
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.41
Facility County: San Mateo

Year: 2006
Gepaid: CAR000004721
Contact: STEVE BRUGMAN PRESIDENT
Telephone: 6503682224
Mailing Name: Not reported
Mailing Address: 1180 MAIN ST
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHUBS AUTO REPAIR (Continued)

1001023114

Disposal Method: Solvents Recovery
Tons: 0.39
Facility County: San Mateo

Year: 2005
Gepaid: CAR000004721
Contact: STEVE BRUGMAN PRESIDENT
Telephone: 6503682224
Mailing Name: Not reported
Mailing Address: 1180 MAIN ST
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.81
Facility County: San Mateo

Year: 2004
Gepaid: CAR000004721
Contact: STEVE BRUGMAN PRESIDENT
Telephone: 6503682224
Mailing Name: Not reported
Mailing Address: 1180 MAIN ST
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.81
Facility County: San Mateo

[Click this hyperlink](#) while viewing on your computer to access 2 additional CA_HAZNET: record(s) in the EDR Site Report.

Y147
WNW
1/4-1/2
0.333 mi.
1760 ft.

BROADWAY PRODUCE & FLOWERS, FORMER
1870 BROADWAY
REDWOOD CITY, CA 94063

HIST CORTESE S100179784
LUST N/A
Notify 65

Site 1 of 2 in cluster Y

Relative:
Lower

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0090

Actual:
10 ft.

LUST:
Region: STATE
Global Id: T0608100085
Latitude: 37.486862739229
Longitude: -122.225110530853
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/07/2011

MAP FINDINGS

BROADWAY PRODUCE & FLOWERS, FORMER (Continued)

S100179784

Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0090
LOC Case Number: 330026
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Extracted from Blue Rock Environmental's November 18, 2005 Compilation of Historical Data report and Workplan Addendum, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site is known in this context as the Former Broadway Produce & Flowers. It is located at 1870 Broadway in Redwood City, California. The location is near the center of downtown area of Redwood City, where property use is almost exclusively commercial in nature. Use of the adjoining properties includes (1) Grocery Outlet to the south, (2) Wells Fargo Bank to the west, and (3) Kaiser Permanente medical facility to the north and east. The site is a triangular shaped property, with Broadway forming the base on the southern border, Walnut Street forming the height on the western border, and Spring Street forming the hypotenuse on the northern border. The site was previously used as a gasoline service station. Later it was redeveloped into a two-story office building. The office building is rectangular in shape and is located along Walnut Street. A parking lot is located in the center of the property, with entrances both on the north and south sides. A large planted area occupies the eastern side of the site. In May 1988, five USTs were removed from the former service station. The USTs included three 2,000-gallon gasoline USTs and one 8,000-gallon gasoline UST in a common pit located near the southwest corner of the site, and one 400-gallon used oil UST in a separate pit located north of the former service station building. Photographs of the site in GPP files for the site in 1990 show the former building, but the dispensers islands have been removed. Based on the orientation of concrete cuts observed in the photograph, it appears the former dispensers were located south of the former station building and east of the former fuel USTs. In July 1988, approximately 100 cubic yards of backfill material were excavated presumably from the gasoline UST pit, allowed to aerate, then returned to the pit. In January 1994, approximately 2,400 cubic yards of soil was overexcavated from the north and east sides and from beneath the former fuel UST pit, and stockpiled onsite. The stockpiled soils were transported to and disposed at a Class I1 landfill (Forward) and a Class I11 landfill (Vasco). The depth of excavation was approximately 13 to 14 feet bgs, and with dimensions of approximately 55 feet by 70 feet. Verification soil samples were only collected from the north and east sidewalls at a depth of approximately 9 feet bgs (i.e. -depth of water table). The excavation verification soil samples contained TPHg concentrations ranging from 180 to 2,300 mg/kg. The overexcavation was lined on the bottom and sides with filter fabric and then backfilled with drain rock to depth of approximately 7 feet below grade. A layer of filter fabric was then laid over the top of the drain rock fill. Imported cohesive backfill material was then placed over the filter fabric and compacted up to grade. In April 1994, an additional 594 cubic yards of soil created from redevelopment related excavation was reportedly suspected to contain hydrocarbons and was stockpiled. Later in 1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY PRODUCE & FLOWERS, FORMER (Continued)

S100179784

it was transported to and disposed at the Vasco landfill. Remediation work consisted of the aforementioned dig and haul work. In addition, during the backfill of the overexcavation, piping and wells were installed into the backfill for potential remediation use. Wells EW-1 and EW-2 consist of the following construction: a 4-inch diameter PVC drainpipe was placed horizontally in the backfill at depth of approximately 12 feet below grade, and coupled to a 6-inch diameter PVC riser. The drainpipe is approximately 55 feet long runs diagonally at a northwest strike in the backfill. It does not appear these backfill wells were ever used for pilot testing or remediation. A two-story office build

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100085
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100085
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100085
Status: Open - Verification Monitoring
Status Date: 10/20/1998

Global Id: T0608100085
Status: Completed - Case Closed
Status Date: 07/07/2011

Global Id: T0608100085
Status: Open - Case Begin Date
Status Date: 07/14/1988

Regulatory Activities:

Global Id: T0608100085
Action Type: RESPONSE
Date: 11/21/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608100085
Action Type: RESPONSE
Date: 04/23/2007
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY PRODUCE & FLOWERS, FORMER (Continued)

S100179784

Global Id:	T0608100085
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0608100085
Action Type:	ENFORCEMENT
Date:	02/08/2011
Action:	Staff Letter - #20110208
Global Id:	T0608100085
Action Type:	ENFORCEMENT
Date:	07/07/2011
Action:	Closure/No Further Action Letter - #20110707
Global Id:	T0608100085
Action Type:	ENFORCEMENT
Date:	10/21/2005
Action:	Staff Letter - #20051021
Global Id:	T0608100085
Action Type:	ENFORCEMENT
Date:	01/25/2005
Action:	Staff Letter - #20050125
Global Id:	T0608100085
Action Type:	ENFORCEMENT
Date:	02/09/2006
Action:	Staff Letter - #20060209
Global Id:	T0608100085
Action Type:	ENFORCEMENT
Date:	03/08/2007
Action:	Staff Letter - #20070308A
Global Id:	T0608100085
Action Type:	ENFORCEMENT
Date:	08/03/2009
Action:	Staff Letter - #20090803
Global Id:	T0608100085
Action Type:	ENFORCEMENT
Date:	03/08/2007
Action:	Staff Letter - #20070308B
Global Id:	T0608100085
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation
Global Id:	T0608100085
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation
Global Id:	T0608100085
Action Type:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY PRODUCE & FLOWERS, FORMER (Continued)

S100179784

Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100085
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Other

Global Id: T0608100085
Action Type: RESPONSE
Date: 08/29/2008
Action: Soil and Water Investigation Report

Global Id: T0608100085
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Annually

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 10/16/1997
Action: Staff Letter - #19971016

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 01/27/2005
Action: Notice of Responsibility - #20050127

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 11/13/1992
Action: Staff Letter - #19921113

Global Id: T0608100085
Action Type: RESPONSE
Date: 09/22/2009
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 11/19/2008
Action: Staff Letter - #20081119

Global Id: T0608100085
Action Type: RESPONSE
Date: 07/18/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100085
Action Type: RESPONSE
Date: 06/14/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100085
Action Type: RESPONSE
Date: 06/24/2005
Action: Soil and Water Investigation Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY PRODUCE & FLOWERS, FORMER (Continued)

S100179784

Global Id: T0608100085
Action Type: RESPONSE
Date: 11/21/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608100085
Action Type: RESPONSE
Date: 03/29/2006
Action: Soil and Water Investigation Report

Global Id: T0608100085
Action Type: RESPONSE
Date: 01/06/2006
Action: Correspondence

Global Id: T0608100085
Action Type: RESPONSE
Date: 03/15/2006
Action: Other Workplan

Global Id: T0608100085
Action Type: RESPONSE
Date: 09/12/2006
Action: Other Report / Document

Global Id: T0608100085
Action Type: RESPONSE
Date: 06/14/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100085
Action Type: RESPONSE
Date: 08/29/2008
Action: Soil and Water Investigation Report

Global Id: T0608100085
Action Type: RESPONSE
Date: 04/23/2007
Action: Other Report / Document

Global Id: T0608100085
Action Type: RESPONSE
Date: 06/14/2007
Action: Soil and Water Investigation Workplan

Global Id: T0608100085
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Other

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 07/14/1988
Action: Notice of Responsibility - #19880714

Global Id: T0608100085
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY PRODUCE & FLOWERS, FORMER (Continued)

S100179784

Date: 06/18/2007
Action: Staff Letter - #20070618

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 02/26/2008
Action: Staff Letter - #20080226

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 07/19/2006
Action: Staff Letter - #20060719

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 12/07/2005
Action: Staff Letter - #20051207

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 05/12/1993
Action: Warning Letter - #19930512

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 03/10/2010
Action: Staff Letter - #20100310

Global Id: T0608100085
Action Type: RESPONSE
Date: 10/21/2010
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 09/10/1997
Action: Preparation of Record for Appeal/Referral/Petition - #19970910

Global Id: T0608100085
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0608100085
Action Type: ENFORCEMENT
Date: 05/03/2005
Action: Staff Letter - #20050503

Global Id: T0608100085
Action Type: RESPONSE
Date: 05/10/2011
Action: Well Destruction Report

Global Id: T0608100085
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY PRODUCE & FLOWERS, FORMER (Continued)

S100179784

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330026
Facility Status: 9- Case Closed
Global ID: T0608100085
APN Number: 053232010
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

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: 94063

**Y148
WNW
1/4-1/2
0.333 mi.
1760 ft.**

**BROADWAY PRODUCE & FLOWERS
1870 BROADWAY
REDWOOD CITY, CA 94063**

**LUST S101303145
N/A**

Site 2 of 2 in cluster Y

**Relative:
Lower**

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Pollution Characterization
Case Number: 330026
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 1/1/1965
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

**Actual:
10 ft.**

**Z149
NE
1/4-1/2
0.335 mi.
1769 ft.**

**BEACON MOBIL
1101 BROADWAY
REDWOOD CITY, CA 94063**

**LUST S101593680
CA FID UST
SWEEPS UST
N/A**

Site 1 of 3 in cluster Z

**Relative:
Higher**

LUST REG 2:

Region: 2
Facility Id: 41-0688
Facility Status: Post remedial action monitoring
Case Number: 330103
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported

**Actual:
15 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON MOBIL (Continued)

S101593680

Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: 5/20/1993
Preliminary Site Assessment Began: 11/23/1993
Pollution Characterization Began: 4/9/1996
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 5/22/1999
Date Post Remedial Action Monitoring Began: 5/13/2003

CA FID UST:

Facility ID: 41000148
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 1101 BROADWAY
Mailing Address 2: Not reported
Mailing City, St, Zip: REDWOOD CITY 94063
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: Active
Comp Number: 330051
Number: 3
Board Of Equalization: 44-025348
Referral Date: 04-07-94
Action Date: 04-07-94
Created Date: 10-13-88
Owner Tank Id: 330051
SWRCB Tank Id: 41-000-330051-000001
Tank Status: A
Capacity: 10000
Active Date: 04-07-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 330051
Number: 3
Board Of Equalization: 44-025348
Referral Date: 04-07-94
Action Date: 04-07-94
Created Date: 10-13-88
Owner Tank Id: 330051
SWRCB Tank Id: 41-000-330051-000002
Tank Status: A
Capacity: 8000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BEACON MOBIL (Continued)

S101593680

Active Date: 04-07-94
 Tank Use: M.V. FUEL
 STG: P
 Content: DIESEL
 Number Of Tanks: Not reported

Status: Active
 Comp Number: 330051
 Number: 3
 Board Of Equalization: 44-025348
 Referral Date: 04-07-94
 Action Date: 04-07-94
 Created Date: 10-13-88
 Owner Tank Id: Not reported
 SWRCB Tank Id: 41-000-330051-000003
 Tank Status: A
 Capacity: 6000
 Active Date: 04-07-94
 Tank Use: M.V. FUEL
 STG: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: Active
 Comp Number: 330051
 Number: 3
 Board Of Equalization: 44-025348
 Referral Date: 04-07-94
 Action Date: 04-07-94
 Created Date: 10-13-88
 Owner Tank Id: Not reported
 SWRCB Tank Id: 41-000-330051-000004
 Tank Status: A
 Capacity: 250
 Active Date: 04-07-94
 Tank Use: OIL
 STG: W
 Content: WASTE OIL
 Number Of Tanks: Not reported

Z150
NE
1/4-1/2
0.335 mi.
1769 ft.

BEACON MOBIL 10-K5E
1101 BROADWAY
REDWOOD CITY, CA 94063
Site 2 of 3 in cluster Z

LUST S104567825
N/A

Relative:
Higher

LUST:
 Region: STATE
 Global Id: T0608100654
 Latitude: 37.486830735
 Longitude: -122.213747
 Case Type: LUST Cleanup Site
 Status: Open - Eligible for Closure
 Status Date: 08/02/2013
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: JGU
 Local Agency: SAN MATEO COUNTY LOP
 RB Case Number: 41-0688

Actual:
15 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON MOBIL 10-K5E (Continued)

S104567825

LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: The site is a former Mobil-branded service station and currently operates as a gas station and automotive repair garage. Two USTs (8,000-gallon and 10,000-gallons) and one used-oil UST (280-gallon) were installed in 1968 and one 6,000-gallon fuel UST was installed in 1972. Petroleum hydrocarbons (TPH-g and benzene) are present in shallow groundwater at the site. Dual phase extraction and high-intensity groundwater extraction have been used to remove petroleum hydrocarbons from the site. currently assessing potential exposure issues from residual petroleum in soil and groundwater

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100654
Contact Type: Local Agency Caseworker
Contact Name: CHARLES ICE
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: cice@smcgov.org
Phone Number: 6503726295

Global Id: T0608100654
Contact Type: Regional Board Caseworker
Contact Name: JOLANTA UCHMAN
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: juchman@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0608100654
Status: Open - Remediation
Status Date: 05/22/1999

Global Id: T0608100654
Status: Open - Verification Monitoring
Status Date: 04/09/1996

Global Id: T0608100654
Status: Open - Verification Monitoring
Status Date: 07/06/1999

Global Id: T0608100654
Status: Open - Verification Monitoring
Status Date: 05/13/2003

Global Id: T0608100654
Status: Open - Verification Monitoring
Status Date: 11/04/2005

Global Id: T0608100654

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON MOBIL 10-K5E (Continued)

S104567825

Status: Open - Site Assessment
Status Date: 05/20/1993

Global Id: T0608100654
Status: Open - Site Assessment
Status Date: 11/23/1993

Global Id: T0608100654
Status: Open - Case Begin Date
Status Date: 07/28/1992

Global Id: T0608100654
Status: Open - Eligible for Closure
Status Date: 08/02/2013

Regulatory Activities:

Global Id: T0608100654
Action Type: ENFORCEMENT
Date: 11/04/2005
Action: File review

Global Id: T0608100654
Action Type: ENFORCEMENT
Date: 03/18/1997
Action: Staff Letter

Global Id: T0608100654
Action Type: ENFORCEMENT
Date: 12/10/2002
Action: File review

Global Id: T0608100654
Action Type: RESPONSE
Date: 07/02/2012
Action: Interim Remedial Action Report

Global Id: T0608100654
Action Type: ENFORCEMENT
Date: 06/04/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0608100654
Action Type: ENFORCEMENT
Date: 03/13/2002
Action: Site Visit / Inspection / Sampling

Global Id: T0608100654
Action Type: ENFORCEMENT
Date: 03/28/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100654
Action Type: ENFORCEMENT
Date: 07/15/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0608100654

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON MOBIL 10-K5E (Continued)

S104567825

Action Type:	ENFORCEMENT
Date:	10/22/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0608100654
Action Type:	ENFORCEMENT
Date:	05/30/2002
Action:	Staff Letter
Global Id:	T0608100654
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0608100654
Action Type:	RESPONSE
Date:	04/30/2013
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100654
Action Type:	ENFORCEMENT
Date:	09/30/2013
Action:	Notification - Preclosure
Global Id:	T0608100654
Action Type:	ENFORCEMENT
Date:	05/13/2003
Action:	File review
Global Id:	T0608100654
Action Type:	RESPONSE
Date:	06/11/2013
Action:	Request for Closure - Regulator Responded
Global Id:	T0608100654
Action Type:	ENFORCEMENT
Date:	02/21/2014
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0608100654
Action Type:	RESPONSE
Date:	11/07/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0608100654
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0608100654
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped
Global Id:	T0608100654
Action Type:	ENFORCEMENT
Date:	11/02/2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON MOBIL 10-K5E (Continued)

S104567825

Action: Staff Letter
Global Id: T0608100654
Action Type: RESPONSE
Date: 06/05/2003
Action: Monitoring Report - Quarterly

151
SSW
1/4-1/2
0.336 mi.
1772 ft.

**ACTERON CORP, FORMER
851 SHASTA STREET
REDWOOD CITY, CA 94063**

**HIST CORTESE S103893081
LUST N/A**

**Relative:
Higher**

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-1090

**Actual:
20 ft.**

LUST:
Region: STATE
Global Id: T0608187224
Latitude: 37.4791563193828
Longitude: -122.222075813491
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 05/06/1998
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
LOC Case Number: 339022
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: * Solvents
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0608187224
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608187224
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACTERON CORP, FORMER (Continued)

S103893081

Status History:

Global Id: T0608187224
Status: Completed - Case Closed
Status Date: 05/06/1998

Global Id: T0608187224
Status: Open - Case Begin Date
Status Date: 05/06/1998

Regulatory Activities:

Global Id: T0608187224
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608187224
Action Type: ENFORCEMENT
Date: 05/07/1998
Action: Notice of Responsibility - #1

Global Id: T0608187224
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 339022
Facility Status: 9- Case Closed
Global ID: T0608187224
APN Number: 053194010
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

AA152
North
1/4-1/2
0.338 mi.
1785 ft.

STUART FLOORS
1455 VETERANS
REDWOOD CITY, CA 94063

Site 1 of 2 in cluster AA

LUST S104494105
N/A

Relative:
Lower

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330085
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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

Actual:
8 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STUART FLOORS (Continued)

S104494105

Date Post Remedial Action Monitoring Began: Not reported

AA153
North
1/4-1/2
0.338 mi.
1785 ft.

STUART FLOORS
1455 VETERANS
REDWOOD CITY, CA 94063
Site 2 of 2 in cluster AA

HIST CORTESE **S100875144**
LUST **N/A**

Relative:
Lower

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0546

Actual:
8 ft.

LUST:

Region: STATE
Global Id: T0608100522
Latitude: 37.4889932
Longitude: -122.2176699
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/29/1993
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0546
LOC Case Number: 330085
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100522
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100522
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608100522
Status: Open - Case Begin Date
Status Date: 06/01/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STUART FLOORS (Continued)

S100875144

Global Id: T0608100522
Status: Completed - Case Closed
Status Date: 01/29/1993

Regulatory Activities:

Global Id: T0608100522
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100522
Action Type: ENFORCEMENT
Date: 06/01/1990
Action: Notice of Responsibility - #1

Global Id: T0608100522
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330085
Facility Status: 9- Case Closed
Global ID: T0608100522
APN Number: Not reported
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

154
West
1/4-1/2
0.340 mi.
1793 ft.

COOKS AUTO BODY
1104 MAIN STREET
REDWOOD CITY, CA 94063

RCRA-SQG 1000272042
FINDS CAD981457179
LUST
ENVIROSTOR

Relative:
Higher

RCRA-SQG:

Date form received by agency: 04/02/1986
Facility name: COOKS AUTO BODY
Facility address: 1104 MAIN STREET
REDWOOD CITY, CA 94063
EPA ID: CAD981457179
Contact: THOMAS FRISCHE
Contact address: 1104 MAIN STREET
REDWOOD CITY, CA 94063
Contact country: US
Contact telephone: (415) 365-3206
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
14 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

Owner/Operator Summary:

Owner/operator name: WOODS AUTO BODY INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110001168888

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

LUST:

Region:	STATE
Global Id:	T0608183982
Latitude:	37.4829524
Longitude:	-122.226044167
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/22/2013
Lead Agency:	SAN MATEO COUNTY LOP
Case Worker:	DGM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	41-4057
LOC Case Number:	330188
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Extracted from Golden Gate Environmental's March 31, 2010 Report of Groundwater Monitoring & Additional Site Characterization, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The subject property lies on the west side of Main Street and south of the intersection of Main and Maple Streets in Redwood City, California. The Site is approximately 0.4 mile south of the San Francisco Bay (Redwood Creek Inlet). The elevation of the property ranges between 11.70 and 12.38 feet above mean sea level. The property is relatively flat lying with the local topographic relief generally directed towards the north-northeast. The 0.3-acre property is roughly triangular in shape. The adjacent property to the west (1090 Main Street) is a multi-residential apartment/townhouse complex. Directly to the northeast across Main Street is the former upholstery facility for Cooks Auto Body (1101+ Main Street; currently vacant) and Bobs Auto Repair facility (415 Cassia Street). A 9,000 square foot office and warehouse structure occupies the central portion of the subject property and a small office structure (625 square feet) is situated along the southeastern portion of the Site. The northernmost portion of the Site is where the former fueling station was historically located and is the subject of this evaluation. County Assessor Recorders Parcel No. 053-138-010). Cooks Auto Body has leased the Site since 1979 for a vehicle repair operation. The Site had previously been occupied by another auto body facility since 1969. Reportedly, Cooks Auto Body has never dispensed fuel from the property since 1979. A concrete dispenser island 18 feet in length by 3 feet in width (east-west orientation) is located approximately 13 feet north of the central north side of the building structure. A hydraulic lift was formerly located approximately 7 feet north of the central north wall of the building structure. Based on recorded observations of the product and vent piping removed beneath the northern portion of the Site (May 2004), it is evident that at least three USTs were once present at the property prior to Cooks Auto Bodys initial occupancy in 1979. Historic businesses that

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

formerly operated at the Site include: Strand and Brain garage (1931-1933), Strand and Furger Autos (1937), Tacoma Distributing Company/Brewers Agents (1939), and Ferris Miles Inc Wholesaler (1953). A Redwood City Tribune article titled Miles Selling Car Agency dated May 10, 1969, describes business operations conducted across the street at 1101 Main Street from the years 1939 to 1969 by the late Ferris Miles (deceased 1982). Miles apparently co-owned the property at 1104 Main Street during the time interval spanning from 1939 to 1969 and Ferris-Miles Dodge occupied the Site in the mid 1960s. Based on review of Sanborn Fire Insurance Maps, the northern portion of the property was historically occupied by a fuel dispensing station from 1932 through 1962. In February 2002, EnviroVision, Inc. drilled exploratory borings SB-1, SB-2 and SB-3 to a depth of 15 feet. The purpose of the drilling was to assess the potential impact to soil and groundwater from reported fuel dispensing activities at the Site. In letters dated May 20 and June 4, 2002, the GPP identified Woods Limited Partnership as the responsible party (RP). On August 28 and November 18, 2002, EnviroVision submitted their Work Plan for Additional Site Characterization and Groundwater Monitoring and addendum that was approved by the GPP in a letter dated December 30, 2002. On January 10, 2003, EnviroVision in collaboration with Norcal Geophysical Consultants, Inc. conducted a geophysical survey to both trace the lateral extent of subsurface vent and product lines using line-locating equipment and locate any abandoned USTs using ground penetrating radar. EnviroVision identified several subsurface anomalies large

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608183982
Contact Type: Regional Board Caseworker
Contact Name: Cheryl L. Prowell
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 Clay Street, Suite 1400
City: Oakland
Email: cprowell@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608183982
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608183982
Status: Open - Site Assessment
Status Date: 02/21/2001

Global Id: T0608183982
Status: Open - Site Assessment
Status Date: 03/14/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

Global Id: T0608183982
Status: Open - Verification Monitoring
Status Date: 10/27/2010

Global Id: T0608183982
Status: Open - Case Begin Date
Status Date: 02/21/2001

Global Id: T0608183982
Status: Completed - Case Closed
Status Date: 03/22/2013

Regulatory Activities:

Global Id: T0608183982
Action Type: RESPONSE
Date: 11/19/2008
Action: Soil and Water Investigation Report

Global Id: T0608183982
Action Type: RESPONSE
Date: 09/13/2004
Action: Soil and Water Investigation Report

Global Id: T0608183982
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0608183982
Action Type: RESPONSE
Date: 08/15/2003
Action: Electronic Reporting Submittal Due

Global Id: T0608183982
Action Type: RESPONSE
Date: 06/15/2004
Action: Monitoring Report - Other

Global Id: T0608183982
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Semi-Annually

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 02/06/2003
Action: Staff Letter - #20030206

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 04/09/2003
Action: Staff Letter - #20030409

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 02/26/2004
Action: Staff Letter - #20040226

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

Global Id:	T0608183982
Action Type:	ENFORCEMENT
Date:	12/28/2005
Action:	Staff Letter - #20051228
Global Id:	T0608183982
Action Type:	ENFORCEMENT
Date:	08/15/2006
Action:	Technical Correspondence / Assistance / Other - #20060815
Global Id:	T0608183982
Action Type:	ENFORCEMENT
Date:	04/23/2008
Action:	Staff Letter - #20080423
Global Id:	T0608183982
Action Type:	RESPONSE
Date:	05/27/2005
Action:	Electronic Reporting Submittal Due
Global Id:	T0608183982
Action Type:	RESPONSE
Date:	06/09/2005
Action:	Soil and Water Investigation Workplan
Global Id:	T0608183982
Action Type:	RESPONSE
Date:	01/18/2007
Action:	Soil and Water Investigation Report
Global Id:	T0608183982
Action Type:	RESPONSE
Date:	10/02/2006
Action:	Soil and Water Investigation Workplan - Addendum
Global Id:	T0608183982
Action Type:	ENFORCEMENT
Date:	12/31/2003
Action:	Staff Letter - #20031231
Global Id:	T0608183982
Action Type:	ENFORCEMENT
Date:	06/29/2006
Action:	Staff Letter - #20060629
Global Id:	T0608183982
Action Type:	ENFORCEMENT
Date:	08/05/2009
Action:	Staff Letter - #20090805
Global Id:	T0608183982
Action Type:	ENFORCEMENT
Date:	12/14/2006
Action:	Staff Letter - #20061214
Global Id:	T0608183982
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

Date: 05/20/2008
Action: Staff Letter - #20080520

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 09/11/2006
Action: Meeting

Global Id: T0608183982
Action Type: RESPONSE
Date: 06/09/2008
Action: Other Report / Document

Global Id: T0608183982
Action Type: RESPONSE
Date: 11/19/2008
Action: Risk Assessment Report

Global Id: T0608183982
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608183982
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608183982
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608183982
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608183982
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608183982
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608183982
Action Type: RESPONSE
Date: 02/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608183982
Action Type: RESPONSE
Date: 05/15/2003
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

Global Id: T0608183982
Action Type: RESPONSE
Date: 09/30/2003
Action: Soil and Water Investigation Workplan

Global Id: T0608183982
Action Type: RESPONSE
Date: 02/19/2004
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608183982
Action Type: RESPONSE
Date: 05/16/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 01/31/2013
Action: Notice of Violation - #20130131

Global Id: T0608183982
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608183982
Action Type: RESPONSE
Date: 11/26/2002
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608183982
Action Type: RESPONSE
Date: 05/26/2003
Action: Soil and Water Investigation Report

Global Id: T0608183982
Action Type: RESPONSE
Date: 01/31/2003
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608183982
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 07/19/2012
Action: Staff Letter - #20120719

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 02/14/2013
Action: Staff Letter - #20130214

Global Id: T0608183982
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

Date: 05/30/2002
Action: Unauthorized Release Form

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 05/25/2004
Action: Staff Letter - #20040525

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 10/07/2009
Action: Notice of Violation - #20091007

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 10/28/2009
Action: Technical Correspondence / Assistance / Other - #20091028

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 03/01/2006
Action: Notice of Violation - #20060301

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 11/22/2006
Action: Technical Correspondence / Assistance / Other - #20061122

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 01/22/2007
Action: Staff Letter - #20070122

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 09/09/2003
Action: Staff Letter - #20030909

Global Id: T0608183982
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 05/31/2012
Action: PRP Search Report

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 10/24/2002
Action: Staff Letter - #20021024

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 07/17/2003
Action: Staff Letter - #20030717

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

Global Id:	T0608183982
Action Type:	ENFORCEMENT
Date:	03/14/2005
Action:	Staff Letter - #20050314
Global Id:	T0608183982
Action Type:	ENFORCEMENT
Date:	06/05/2002
Action:	Notice of Responsibility - #20020605
Global Id:	T0608183982
Action Type:	ENFORCEMENT
Date:	05/17/2004
Action:	Staff Letter - #20040517B
Global Id:	T0608183982
Action Type:	RESPONSE
Date:	05/15/2011
Action:	Monitoring Report - Annually
Global Id:	T0608183982
Action Type:	RESPONSE
Date:	05/15/2012
Action:	Monitoring Report - Annually
Global Id:	T0608183982
Action Type:	ENFORCEMENT
Date:	10/27/2010
Action:	Staff Letter - #20101027
Global Id:	T0608183982
Action Type:	RESPONSE
Date:	07/22/2002
Action:	Soil and Water Investigation Workplan
Global Id:	T0608183982
Action Type:	RESPONSE
Date:	11/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0608183982
Action Type:	RESPONSE
Date:	02/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608183982
Action Type:	RESPONSE
Date:	08/15/2003
Action:	Soil and Water Investigation Report
Global Id:	T0608183982
Action Type:	RESPONSE
Date:	12/31/2010
Action:	Correspondence
Global Id:	T0608183982
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

Date: 07/23/2003
Action: Staff Letter - #20030723

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 05/17/2004
Action: Staff Letter - #20040517A

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 12/13/2004
Action: Technical Correspondence / Assistance / Other - #20041213

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 12/30/2002
Action: Staff Letter - #20021230

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 07/09/2008
Action: Staff Letter - #20080709

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 05/20/2002
Action: Staff Letter - #20020520

Global Id: T0608183982
Action Type: RESPONSE
Date: 10/31/2012
Action: Well Destruction Report

Global Id: T0608183982
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 06/05/2012
Action: Notice of Violation - #20120605

Global Id: T0608183982
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0608183982
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 07/24/2012
Action: Referral to Other State Agency - #20120724

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

Global Id: T0608183982
Action Type: ENFORCEMENT
Date: 03/22/2013
Action: Closure/No Further Action Letter - #20130322

Global Id: T0608183982
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Semi-Annually

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Preliminary site assessment underway
Case Number: 330188
How Discovered: SA
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 2/21/2001
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330188
Facility Status: 9- Case Closed
Global ID: T0608183982
APN Number: 053138010
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

ENVIROSTOR:

Facility ID: 60001847
Status: Inactive - Action Required
Status Date: 01/31/2013
Site Code: 201958
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.3
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: George Chow
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COOKS AUTO BODY (Continued)

1000272042

Funding: Responsible Party
 Latitude: 37.48273
 Longitude: -122.2259
 APN: 053-138-010
 Past Use: FUEL - VEHICLE STORAGE/ REFUELING
 Potential COC: Lead
 Confirmed COC: Lead
 Potential Description: SOIL
 Alias Name: 053-138-010
 Alias Type: APN
 Alias Name: T0608183982
 Alias Type: GeoTracker Global ID
 Alias Name: 201958
 Alias Type: Project Code (Site Code)
 Alias Name: 60001847
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 01/28/2013
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Correspondence
 Completed Date: 07/27/2012
 Comments:

This letter from the San Mateo Groundwater Protection Program (GPP) to DTSC includes the GPP's case closure for the hydrocarbon releases at this site and refers the metals contamination to DTSC. A summary of the remedial activities completed to date (July 2012) and the closure rationale can be found in this document.

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

**Z155
 NE
 1/4-1/2
 0.352 mi.
 1859 ft.**

**SUNCAP PROPERTY GROUP (FORMER FREE FLOW PACKAGING)
 1050 BROADWAY & 1093 CHARTER STREET
 REDWOOD CITY, CA 94063**

**NPDES S112274201
 SLIC N/A**

Site 3 of 3 in cluster Z

**Relative:
 Higher**

NPDES:
 Npdes Number: CAS000002
 Facility Status: Active
 Agency Id: 0
 Region: 2
 Regulatory Measure Id: 440555
 Order No: 2009-0009-DWQ
 Regulatory Measure Type: Enrollee

**Actual:
 15 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUNCAP PROPERTY GROUP (FORMER FREE FLOW PACKAGING) (Continued)

S112274201

Place Id: Not reported
 WDID: 2 41C367444
 Program Type: Construction
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 08/19/2013
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: Suncap Redwood LLC
 Discharge Address: 6101 Carnegie Boulevard
 Discharge City: Charlotte
 Discharge State: North Carolina
 Discharge Zip: 28209

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 06/13/2014
 Global Id: T10000004442
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Lead Agency Case Number: Not reported
 Latitude: 37.487525
 Longitude: -122.211457
 Case Type: Cleanup Program Site
 Case Worker: RL
 Local Agency: Not reported
 RB Case Number: 41S0034
 File Location: Not reported
 Potential Media Affected: Not reported
 Potential Contaminants of Concern: Not reported
 Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

AB156
West
1/4-1/2
0.354 mi.
1868 ft.

PHIL FINER REFRIGERATION INC.
1001 MAIN ST
REDWOOD CITY, CA 94063

LUST U001594593
HIST UST N/A

Site 1 of 4 in cluster AB

Relative:
Higher

LUST:

Region: STATE
 Global Id: T0608135637
 Latitude: 37.4837808772611
 Longitude: -122.225904464722
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 01/18/2011
 Lead Agency: SAN MATEO COUNTY LOP
 Case Worker: CLI
 Local Agency: SAN MATEO COUNTY LOP
 RB Case Number: Not reported
 LOC Case Number: 330215
 File Location: Local Agency
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: Extracted from SAIC's June 13, 2007 Work Plan for Additional Soil and Groundwater Investigation, San Mateo County does not take

Actual:
14 ft.

MAP FINDINGS

PHIL FINER REFRIGERATION INC. (Continued)

U001594593

responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The Site is a triangular-shaped parcel comprised of approximately 0.5 acres of relatively level land and is developed with two commercial buildings that are separated by an asphalt-paved area. According to the SMCHD correspondence dated November 28, 2005, the Site was used as a Texaco service station during the 1950s and as a Mohawk Petroleum Corporation service station in the 1960s. According to SMCHD Ownership notes (August 29, 2005 file review) and an Oil Heat Engineering invoice (No. 1827), three underground storage tanks (USTs) at the site were removed, and excavated soil was used for backfilling. During development, three 1,200-gallon USTs, used to store gasoline and then filled with grout, were apparently uncovered and subsequently removed on March 25, 1987 by Mr. Feiner. The construction and age of the USTs at the time of removal are not known. 1987 UST Removal: Five soil samples from the former UST pit were collected by Blaine Tech Services, Inc. (Blaine) on March 25, 1987. The UST pit, according to the sample location map prepared by Blaine, extended to the edge of the sidewalk along the east side of Main Street at a location south of the intersection of Middlefield Road and Main Street. This location does not coincide with the location of the excavated area that was hand written on the survey. The soil samples were collected at an approximate depth of 8 feet below ground surface (ft bgs) from the sidewalls of the excavation. Two samples were collected from the eastern sidewall of the excavation. Three samples were collected from the excavation sidewalls corresponding to the fill ends of the USTs. The soil samples were analyzed by Sequoia Analytical Laboratory for total hydrocarbons as gasoline (TPHg) and benzene, toluene and xylenes (BTX) using Environmental Protection Agency (EPA) methods 8015 and 5020, respectively. Notations regarding the occurrence of groundwater during sample collection are not present in Blaines March 26, 1987 Sampling Report. Soil sample analytical results indicated TPHg concentrations ranging from 5.7 to 450 parts per million (ppm) in all five samples, with three samples reporting detectable BTX. TPHg soil impact was reported at 200 ppm and 450 ppm along the eastern wall of the UST pit and at 200 ppm for the most northerly sample from along the western UST pit wall. Detectable benzene was reported in two samples at 0.38 ppm and 6.5 ppm. Detectable toluene was reported in three samples at 0.99 ppm, 1.0 ppm and 13 ppm. Detectable xylene was reported in three samples at 6.3 ppm, 18 ppm and 36 ppm. 2006 Subsurface Investigation: On November 15, 2006, SAIC advanced five soils borings, B-1 through B-5, to collect soil samples at discrete intervals and shallow groundwater samples. Borings B-1, B-4 and B-5 were advanced to depths ranging from approximately 12.5 feet below ground surface (bgs) to 13.5 feet bgs, allowing collection of grab groundwater samples. Borings B-2 and B-3 were advanced to depths of 7.5 feet bgs, where hand auger refusal was met due to encountered gravels and cobbles. Soil samples were analyzed by Lancaster Laboratories (Lancaster), a California-certified analytical laboratory, for total hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), total lead, methyl tertiary butyl ether (MTBE), 1,2 dichloroethane (1,2 DCA), and 1,2 dibromoethane (1,2 DBA). Analysis of soil samples collected from borings B-1 through B-5 detected TPHg in 11 of the 12 samples at concentrations of up to 130 milligrams per kilogram (mg/kg). The highest TPHg concentrations were detected in borings B-4 and B-5 at

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHIL FINER REFRIGERATION INC. (Continued)

U001594593

depths of 8 feet to 8.5 feet bgs, with concentrations of 110 mg/kg and 130 mg/kg, respectively. Benzene was de

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608135637
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608135637
Contact Type: Local Agency Caseworker
Contact Name: CHARLES ICE
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: cice@smcgov.org
Phone Number: 6503726295

Status History:

Global Id: T0608135637
Status: Open - Site Assessment
Status Date: 05/24/2006

Global Id: T0608135637
Status: Open - Site Assessment
Status Date: 08/08/2006

Global Id: T0608135637
Status: Open - Site Assessment
Status Date: 11/01/2006

Global Id: T0608135637
Status: Completed - Case Closed
Status Date: 01/18/2011

Global Id: T0608135637
Status: Open - Case Begin Date
Status Date: 03/26/1987

Regulatory Activities:

Global Id: T0608135637
Action Type: ENFORCEMENT
Date: 01/18/2011
Action: Closure/No Further Action Letter - #20110118

Global Id: T0608135637
Action Type: ENFORCEMENT
Date: 07/17/2009
Action: Staff Letter - #20090717

Global Id: T0608135637

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHIL FINER REFRIGERATION INC. (Continued)

U001594593

Action Type: RESPONSE
Date: 08/31/2006
Action: Preliminary Site Assessment Workplan

Global Id: T0608135637
Action Type: RESPONSE
Date: 10/19/2006
Action: Other Workplan

Global Id: T0608135637
Action Type: RESPONSE
Date: 01/30/2007
Action: Preliminary Site Assessment Report

Global Id: T0608135637
Action Type: RESPONSE
Date: 06/18/2007
Action: Soil and Water Investigation Workplan

Global Id: T0608135637
Action Type: RESPONSE
Date: 08/31/2006
Action: Preliminary Site Assessment Workplan

Global Id: T0608135637
Action Type: RESPONSE
Date: 10/15/2006
Action: Other Report / Document

Global Id: T0608135637
Action Type: RESPONSE
Date: 10/01/2006
Action: Other Report / Document

Global Id: T0608135637
Action Type: RESPONSE
Date: 12/07/2009
Action: Soil and Water Investigation Report

Global Id: T0608135637
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608135637
Action Type: ENFORCEMENT
Date: 06/01/2006
Action: Notice of Responsibility - #20060601

Global Id: T0608135637
Action Type: ENFORCEMENT
Date: 11/28/2005
Action: Staff Letter - #20051128

Global Id: T0608135637
Action Type: ENFORCEMENT
Date: 08/07/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHIL FINER REFRIGERATION INC. (Continued)

U001594593

Action: Staff Letter - #20060807

Global Id: T0608135637
Action Type: ENFORCEMENT
Date: 07/30/2007
Action: Staff Letter - #20070730

Global Id: T0608135637
Action Type: ENFORCEMENT
Date: 09/19/2006
Action: Staff Letter - #20060919

Global Id: T0608135637
Action Type: ENFORCEMENT
Date: 04/30/2007
Action: Staff Letter - #20070430

Global Id: T0608135637
Action Type: ENFORCEMENT
Date: 11/23/2010
Action: Notification - Public Notice of Case Closure - #20101123

Global Id: T0608135637
Action Type: ENFORCEMENT
Date: 03/27/2009
Action: Staff Letter - #20090327

Global Id: T0608135637
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0608135637
Action Type: RESPONSE
Date: 12/07/2009
Action: Correspondence

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330215
Facility Status: 9- Case Closed
Global ID: T0608135637
APN Number: 053136010
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

HIST UST:

Region: STATE
Facility ID: 00000043884
Facility Type: Other
Other Type: CONTRACTOR
Total Tanks: 0001
Contact Name: PHILIP F. FEINER PRES.
Telephone: 4153666656
Owner Name: PHILIP F. FEINER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHIL FINER REFRIGERATION INC. (Continued)

U001594593

Owner Address: 5 EL SERENO DR.
Owner City,St,Zip: SAN CARLOS, CA 94040

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

AB157
West
1/4-1/2
0.355 mi.
1872 ft.

NW CORNER
MAIN AND MIDDLEFIELD
REDWOOD CITY, CA

SLIC S106235100
N/A

Site 2 of 4 in cluster AB

Relative:
Higher

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 01/01/1997
Global Id: SL163231121
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.493872
Longitude: -122.226066
Case Type: Cleanup Program Site
Case Worker: UNA
Local Agency: Not reported
RB Case Number: SL163231121
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: * Petroleum - Automotive gasolines, * Petroleum - Diesel fuels
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

SLIC REG 2:

Region: 2
Facility ID: SL163231121
Facility Status: Not reported
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

AC158 **KAISER PERMANENTE**
NNW **1190 VETERANS**
1/4-1/2 **REDWOOD CITY, CA 94063**
0.357 mi.
1886 ft. **Site 1 of 2 in cluster AC**

HIST CORTESE **S105025729**
N/A

Relative: HIST CORTESE:
Lower Region: CORTESE
 Facility County Code: 41
Actual: Reg By: LTNKA
8 ft. Reg Id: 41-0304

AB159 **RUST PROPERTY AKA YOUNG AUTO PARTS**
West **925 / 929 MAIN STREET**
1/4-1/2 **REDWOOD CITY, CA 94063**
0.359 mi.
1894 ft. **Site 3 of 4 in cluster AB**

VCP **S110445635**
ENVIROSTOR **N/A**

Relative: VCP:
Lower Facility ID: 60001313
 Site Type: Voluntary Cleanup
Actual: Site Type Detail: Voluntary Cleanup
13 ft. Site Mgmt. Req.: NONE SPECIFIED
 Acres: 0.02
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP
 Lead Agency: SMBRP
 Lead Agency Description: DTSC - Site Cleanup Program
 Project Manager: Charles (Chip) Gribble
 Supervisor: Denise Tsuji
 Division Branch: Cleanup Berkeley
 Site Code: 201880
 Assembly: 22
 Senate: 13
 Special Programs Code: Not reported
 Status: Active
 Status Date: 06/28/2010
 Restricted Use: NO
 Funding: Responsible Party
 Lat/Long: 37.48452 / -122.2261
 APN: 053-135-240, 053-135-260
 Past Use: MACHINE SHOP
 Potential COC: 30001, 30013, 3002502
 Confirmed COC: 30001,30013,3002502
 Potential Description: SOIL
 Alias Name: Young Auto Parts
 Alias Type: Alternate Name
 Alias Name: 053-135-240
 Alias Type: APN
 Alias Name: 053-135-260
 Alias Type: APN
 Alias Name: SL0608130496
 Alias Type: GeoTracker Global ID
 Alias Name: 201880
 Alias Type: Project Code (Site Code)
 Alias Name: 60001313
 Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUST PROPERTY AKA YOUNG AUTO PARTS (Continued)

S110445635

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/14/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/26/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/12/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/23/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 07/18/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/17/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUST PROPERTY AKA YOUNG AUTO PARTS (Continued)

S110445635

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/24/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/27/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/31/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/11/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/01/2010
Comments: Notification letter sent.

Future Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUST PROPERTY AKA YOUNG AUTO PARTS (Continued)

S110445635

Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2019
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 03/28/2014
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Certification
Schedule Due Date: 04/15/2014
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 60001313
Status: Active
Status Date: 06/28/2010
Site Code: 201880
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.02
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Charles (Chip) Gribble
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.48452
Longitude: -122.2261
APN: 053-135-240, 053-135-260
Past Use: MACHINE SHOP
Potential COC: Arsenic Lead TPH-MOTOR OIL
Confirmed COC: Arsenic Lead TPH-MOTOR OIL
Potential Description: SOIL
Alias Name: Young Auto Parts
Alias Type: Alternate Name
Alias Name: 053-135-240
Alias Type: APN
Alias Name: 053-135-260
Alias Type: APN
Alias Name: SL0608130496
Alias Type: GeoTracker Global ID
Alias Name: 201880
Alias Type: Project Code (Site Code)
Alias Name: 60001313
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUST PROPERTY AKA YOUNG AUTO PARTS (Continued)

S110445635

Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/14/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/26/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/12/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/23/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 07/18/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/17/2010
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUST PROPERTY AKA YOUNG AUTO PARTS (Continued)

S110445635

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/24/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/27/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/31/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/11/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/01/2010
Comments: Notification letter sent.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUST PROPERTY AKA YOUNG AUTO PARTS (Continued)

S110445635

Future Due Date: 2019
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 03/28/2014
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Certification
Schedule Due Date: 04/15/2014
Schedule Revised Date: Not reported

**AD160
ENE
1/4-1/2
0.363 mi.
1916 ft.**

**SHEAHAN TRUCKING, FORMER
955 CHARTER
REDWOOD CITY, CA 94063**

**HIST CORTESE
LUST S103177293
N/A**

Site 1 of 2 in cluster AD

**Relative:
Lower**

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-1011

**Actual:
13 ft.**

LUST:
Region: STATE
Global Id: T0608140195
Latitude: 37.485824
Longitude: -122.212095
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/01/2000
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-1011
LOC Case Number: 339020
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0608140195
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608140195
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEAHAN TRUCKING, FORMER (Continued)

S103177293

Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0608140195
Status: Completed - Case Closed
Status Date: 12/01/2000

Global Id: T0608140195
Status: Open - Case Begin Date
Status Date: 11/04/1996

Regulatory Activities:
Global Id: T0608140195
Action Type: ENFORCEMENT
Date: 04/29/1997
Action: * Historical Enforcement - #1

Global Id: T0608140195
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 339020
Facility Status: 9- Case Closed
Global ID: T0608140195
APN Number: 054022140
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

AB161 MOBIL 99-142 (FORMER)
West 950 MAIN
1/4-1/2 REDWOOD CITY, CA 94063
0.364 mi.
1923 ft. Site 4 of 4 in cluster AB

LUST S104494039
SLIC N/A

Relative: LUST:
Lower Region: STATE
Global Id: T0608100337
Actual: Latitude: 37.484926
13 ft. Longitude: -122.226704
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/01/2005
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: CLI
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0354
LOC Case Number: 330132
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL 99-142 (FORMER) (Continued)

S104494039

Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100337
Contact Type: Local Agency Caseworker
Contact Name: CHARLES ICE
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: cice@smcgov.org
Phone Number: 6503726295

Global Id: T0608100337
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608100337
Status: Open - Verification Monitoring
Status Date: 11/10/1995

Global Id: T0608100337
Status: Completed - Case Closed
Status Date: 12/01/2005

Global Id: T0608100337
Status: Open - Remediation
Status Date: 11/06/1995

Global Id: T0608100337
Status: Open - Case Begin Date
Status Date: 08/18/1988

Regulatory Activities:

Global Id: T0608100337
Action Type: ENFORCEMENT
Date: 06/28/1996
Action: Staff Letter

Global Id: T0608100337
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100337
Action Type: ENFORCEMENT
Date: 05/23/1995
Action: Notice of Responsibility - #1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL 99-142 (FORMER) (Continued)

S104494039

Global Id: T0608100337
Action Type: ENFORCEMENT
Date: 12/01/2005
Action: Closure/No Further Action Letter - #20051201

Global Id: T0608100337
Action Type: RESPONSE
Date: 12/22/1995
Action: Remedial Progress Report

Global Id: T0608100337
Action Type: RESPONSE
Date: 10/29/1997
Action: Correspondence

Global Id: T0608100337
Action Type: RESPONSE
Date: 04/18/1995
Action: Other Report / Document

Global Id: T0608100337
Action Type: RESPONSE
Date: 08/21/1995
Action: Risk Assessment Report

Global Id: T0608100337
Action Type: RESPONSE
Date: 12/21/1993
Action: Preliminary Site Assessment Report

Global Id: T0608100337
Action Type: ENFORCEMENT
Date: 08/25/2004
Action: Staff Letter - #20040825

Global Id: T0608100337
Action Type: RESPONSE
Date: 05/07/1996
Action: Well Installation Report

Global Id: T0608100337
Action Type: RESPONSE
Date: 12/20/1995
Action: Correspondence

Global Id: T0608100337
Action Type: RESPONSE
Date: 01/07/1997
Action: Correspondence

Global Id: T0608100337
Action Type: RESPONSE
Date: 05/06/1998
Action: Monitoring Report - Other

Global Id: T0608100337
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL 99-142 (FORMER) (Continued)

S104494039

Date: 08/15/1995
Action: CAP/RAP - Other Report

Global Id: T0608100337
Action Type: RESPONSE
Date: 11/17/2004
Action: Electronic Reporting Submittal Due

Global Id: T0608100337
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608100337
Action Type: RESPONSE
Date: 12/28/1995
Action: Correspondence

Global Id: T0608100337
Action Type: RESPONSE
Date: 02/25/1999
Action: Correspondence

Global Id: T0608100337
Action Type: RESPONSE
Date: 01/17/1996
Action: Correspondence

Global Id: T0608100337
Action Type: RESPONSE
Date: 02/12/1996
Action: Correspondence

Global Id: T0608100337
Action Type: RESPONSE
Date: 02/10/1999
Action: Correspondence

Global Id: T0608100337
Action Type: RESPONSE
Date: 11/17/2004
Action: Other Report / Document

Global Id: T0608100337
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Post remedial action monitoring
Case Number: 330132
How Discovered: SA
Leak Cause: Unknown
Leak Source: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL 99-142 (FORMER) (Continued)

S104494039

Date Leak Confirmed: Not reported
Oversight Program: LUST
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: 11/6/1995
Date Post Remedial Action Monitoring Began: 11/10/1995

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 339009
Facility Status: 9- Case Closed
Global ID: T0608141789
APN Number: 053400010 and 030
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

Region: SAN MATEO
Facility ID: 330132
Facility Status: 9- Case Closed
Global ID: T0608100337
APN Number: 053400010 and 053400030
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/27/2010
Global Id: T0608141789
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 339009
Latitude: 37.484906
Longitude: -122.226715
Case Type: Cleanup Program Site
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Lead, Other Metal
Site History: Paint thinner near Boring A-32 & lead

[Click here to access the California GeoTracker records for this facility:](#)

X162
SSE
1/4-1/2
0.367 mi.
1936 ft.

**COAST ELECTRIC COMPANY
2490 MIDDLEFIELD
REDWOOD CITY, CA 94063**
Site 2 of 3 in cluster X

**LUST S104494057
N/A**

**Relative:
Higher**

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330073

**Actual:
21 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COAST ELECTRIC COMPANY (Continued)

S104494057

How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

**X163
SSE
1/4-1/2
0.367 mi.
1936 ft.**

**COAST ELECTRIC COMPANY
2490 MIDDLEFIELD
REDWOOD CITY, CA 94063**

**HIST CORTESE
LUST
SWEEPS UST**

**S101325055
N/A**

Site 3 of 3 in cluster X

**Relative:
Higher**

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0172

**Actual:
21 ft.**

LUST:
Region: STATE
Global Id: T0608100164
Latitude: 37.478384
Longitude: -122.214641
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/07/1993
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0172
LOC Case Number: 330073
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0608100164
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100164
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COAST ELECTRIC COMPANY (Continued)

S101325055

Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608100164
Status: Open - Case Begin Date
Status Date: 08/09/1989

Global Id: T0608100164
Status: Completed - Case Closed
Status Date: 07/07/1993

Regulatory Activities:

Global Id: T0608100164
Action Type: ENFORCEMENT
Date: 10/01/1990
Action: Notice of Responsibility - #1

Global Id: T0608100164
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608100164
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100164
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330073
Facility Status: 9- Case Closed
Global ID: T0608100164
APN Number: 054111070
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SWEEPS UST:

Status: Not reported
Comp Number: 330056
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330056-000001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COAST ELECTRIC COMPANY (Continued)

S101325055

Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 2

Status: Not reported
Comp Number: 330056
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330056-000002
Tank Status: Not reported
Capacity: 1500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

164
WNW
1/4-1/2
0.368 mi.
1943 ft.

RUST PROPERTY
925 MAIN STREET
REDWOOD CITY, CA 94063

SLIC S108536390
N/A

Relative:
Lower

SLIC:

Actual:
13 ft.

Region: STATE
Facility Status: Open - Site Assessment
Status Date: 05/01/2007
Global Id: SL0608130496
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number: 60001313
Latitude: 37.484584
Longitude: -122.225897
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Lead, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AC165 **KAISER PERMANENTE HOSPITAL**
NNW **1150 VETERANS BLVD**
1/4-1/2 **REDWOOD CITY, CA 94063**
0.368 mi.
1943 ft. **Site 2 of 2 in cluster AC**

NPDES **1000380351**
LUST **N/A**
HIST UST
SWEEPS UST

Relative:
Lower

NPDES:

Npdes Number: CAS000002
 Facility Status: Active
 Agency Id: 0
 Region: 2
 Regulatory Measure Id: 402750
 Order No: 2009-0009-DWQ
 Regulatory Measure Type: Enrollee
 Place Id: Not reported
 WDID: 2 41C357760
 Program Type: Construction
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 03/29/2010
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: Kaiser Foundation Health Plan Inc
 Discharge Address: 901 Marshall Street 4th Floor
 Discharge City: Redwood City
 Discharge State: California
 Discharge Zip: 94063

Actual:
8 ft.

LUST:

Region: STATE
 Global Id: T0608100290
 Latitude: 37.489842
 Longitude: -122.225304
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 09/08/1993
 Lead Agency: SAN MATEO COUNTY LOP
 Case Worker: DGM
 Local Agency: SAN MATEO COUNTY LOP
 RB Case Number: 41-0304
 LOC Case Number: 330041
 File Location: Local Agency
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100290
 Contact Type: Regional Board Caseworker
 Contact Name: UUU
 Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
 Address: 1515 CLAY ST SUITE 1400
 City: OAKLAND
 Email: Not reported
 Phone Number: Not reported

Global Id: T0608100290
 Contact Type: Local Agency Caseworker

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE HOSPITAL (Continued)

1000380351

Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100290
Status: Completed - Case Closed
Status Date: 09/08/1993

Global Id: T0608100290
Status: Open - Case Begin Date
Status Date: 04/01/1987

Regulatory Activities:

Global Id: T0608100290
Action Type: ENFORCEMENT
Date: 03/27/1989
Action: Notice of Responsibility - #1

Global Id: T0608100290
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100290
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330041
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330041
Facility Status: 9- Case Closed
Global ID: T0608100290

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE HOSPITAL (Continued)

1000380351

APN Number: 053204050
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

HIST UST:

Region: STATE
Facility ID: 00000046596
Facility Type: Other
Other Type: EMERGENCY GENERATOR
Total Tanks: 0001
Contact Name: CHARLES K. GREEN
Telephone: 4157803251
Owner Name: KAISER PERMANENTE HOSPITAL
Owner Address: 1150 VETERANS BOULEVARD
Owner City,St,Zip: REDWOOD CITY, CA 94063

Tank Num: 001
Container Num: 101
Year Installed: 1978
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: None

SWEEPS UST:

Status: Active
Comp Number: 330087
Number: 9
Board Of Equalization: Not reported
Referral Date: 05-04-94
Action Date: 05-04-94
Created Date: 04-29-94
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

166
South
1/4-1/2
0.375 mi.
1979 ft.

NURBURG RING AUTO
1202 SHASTA
REDWOOD CITY, CA 94063

LUST S109285817
N/A

Relative:
Higher

LUST:

Region: STATE
Global Id: T0608158232
Latitude: 37.477849
Longitude: -122.219487
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/10/1999

Actual:
23 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NURBURG RING AUTO (Continued)

S109285817

Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
LOC Case Number: 339172
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608158232
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608158232
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608158232
Status: Completed - Case Closed
Status Date: 09/10/1999

Global Id: T0608158232
Status: Open - Case Begin Date
Status Date: 11/24/1998

Regulatory Activities:

Global Id: T0608158232
Action Type: ENFORCEMENT
Date: 01/15/1999
Action: * Historical Enforcement - #19990115

Global Id: T0608158232
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 339172
Facility Status: 9- Case Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NURBURG RING AUTO (Continued)

S109285817

Global ID: T0608158232
APN Number: 053375060
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

167
WSW
1/4-1/2
0.383 mi.
2024 ft.

HUDSON PROPERTY
135 MAPLE
REDWOOD CITY, CA 94063

LUST S103951322
N/A

Relative:
Lower

LUST:

Region: STATE
Global Id: T0608131894
Latitude: 37.4820848535251
Longitude: -122.226692042992
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/30/2002
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
LOC Case Number: 339181
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: * Solvents
Site History: Not reported

Actual:
13 ft.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0608131894
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608131894
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608131894
Status: Open - Case Begin Date
Status Date: 09/21/1999

Global Id: T0608131894
Status: Completed - Case Closed
Status Date: 10/30/2002

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HUDSON PROPERTY (Continued)

S103951322

Regulatory Activities:

Global Id:	T0608131894
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0608131894
Action Type:	ENFORCEMENT
Date:	11/02/1999
Action:	* Historical Enforcement - #1

SAN MATEO CO. LUST:

Region:	SAN MATEO
Facility ID:	339181
Facility Status:	9- Case Closed
Global ID:	T0608131894
APN Number:	Not reported
Case Type:	SAN MATEO CO. LUST
EDR Link ID:	SAN MATEO CO. LUST

168
SW
1/4-1/2
0.389 mi.
2053 ft.

PRIVATE RESIDENCE
PRIVATE RESIDENCE
REDWOOD CITY, CA 94063

LUST S109521360
SLIC N/A

Relative:
Higher

LUST:

Region:	STATE
Global Id:	T10000001610
Latitude:	37.485057907314
Longitude:	-122.248928546906
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	02/15/2011
Lead Agency:	SAN MATEO COUNTY LOP
Case Worker:	DGM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	338207
File Location:	Not reported
Potential Media Affect:	Soil

Actual:
19 ft.

Potential Contaminants of Concern: Heating Oil / Fuel Oil

Site History: Extracted from Green Environment's April 28, 2009 Report of Expanded Excavation, Soil and Groundwater Sampling, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. On March 26, 2009, an approximate 300 gallon metal underground storage tank (UST) that once contained fuel oil was removed from a residential property located at 824 Arlington Road in Redwood City, California (subject property). The subject property is owned by Mr. James Joyce, and is in contract for sale. The UST was removed by Golden Gate Tank Removal of San Francisco, California. The removal was witnessed and documented by Mr. Darrell Cullen of the San Mateo County Health System (SMCoHS). Per Mr. Cullens Report, approximately 1 to 1.5 cubic yards of soil were excavated with the UST, and stockpiled onsite. Mr. Cullen noted no evidence of a release, but did note a slight odor and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIVATE RESIDENCE (Continued)

S109521360

soil discoloration. The UST pit was not over-excavated. No groundwater was encountered in the excavation. One (1) discrete soil sample (sample 9072-E-7) was collected from the floor of the excavation, at an approximate depth of seven (7) feet below ground surface (bgs). One (1) discrete soil sample (sample 9072-SPD) was collected from the stockpiled soil. One (1) composite soil sample (sample 9072-SP (AD)) was collected from the stockpiled soil. The soil samples were submitted to Accutest Laboratories (Accutest) of Santa Clara, California. Accutest was directed to hold sample 9072-SP (A-D) and analyze samples 9072-E-7 and 9072-SPD for Total Petroleum Hydrocarbons as diesel (TPHd), benzene, toluene, ethyl benzene, xylenes and methyltertiary butyl ether (BTEX/MTBE). TPHd and BTEX/MTBE were reported as not detected in the discrete stockpile soil sample (9072-SPD). The discrete soil sample (sample 9072-E-7) collected from the floor of the excavation floor reportedly contained 5920 milligrams per kilogram (mg/kg) of TPHd, 21.2 micrograms per kilogram (ug/kg) of benzene, 115 ug/kg of toluene, 203 ug/kg of ethylbenzene, and 1010 ug/kg of xylenes. MTBE was not detected at a reporting limit of 130 ug/kg. In April 2009, Mr. Joyce contracted with Green Environment inc. (GEI) to develop a work plan to investigate the extent of the fuel oil release. Mr. Joyce reported to GEI that the UST had been emptied and not used since circa 1987. Based upon this information, the observations of Mr. Cullen of the SMCoHS, and the results of the soil sampling and analyses conducted by Golden Gate Tank Removal, GEI developed a Work Plan to: overexcavate the UST pit; collect confirmation sidewall and floor samples from the expanded excavation; collect a deeper soil or groundwater sample from below the floor of the expanded excavation; collect a composite sample from the stockpile created by the expanded excavation; and submit the samples to a California-certified analytical lab for analyses.1 GEIs Work Plan was submitted to the SMCoHS on April 3, 2009, along with a Subsurface Drilling Permit Application and permit fee. The SMCoHS reviewed GEIs Work Plan and documentation in the Countys file for the subject property, and approved GEIs Work Plan in a letter to Mr. Joyce dated April 16, 2009 with the following conditions: a statistically valid number of discrete soil samples be collected from the excavated soil if the excavated soil was planned to be used for backfilling the excavation; consideration be given to segregating soil excavated from approximately five feet and above; soil sampling be based on soil texture, stratigraphy, sample screening and depth of hydrocarbon impact; additional soil samples be collected for analyses from the bottom and sidewalls of the excavation below any potentially impacted soil; groundwater be sampled using a method that would ensure the sample not be cross-contaminated from soil sloughing

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T10000001610
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIVATE RESIDENCE (Continued)

S109521360

Phone Number: 6503726292

Status History:

Global Id: T10000001610
Status: Open - Verification Monitoring
Status Date: 10/21/2009

Global Id: T10000001610
Status: Open - Case Begin Date
Status Date: 03/26/2009

Global Id: T10000001610
Status: Completed - Case Closed
Status Date: 02/15/2011

Regulatory Activities:

Global Id: T10000001610
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 10/19/2009
Action: Technical Correspondence / Assistance / Other - #20091019

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 03/27/2009
Action: Unauthorized Release Form - #20090327

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 04/30/2009
Action: Staff Letter - #20090430

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 04/22/2009
Action: Technical Correspondence / Assistance / Other - #20090422

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 04/16/2009
Action: Site Visit / Inspection / Sampling - #20090416

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 04/16/2009
Action: Staff Letter - #20090416

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 02/15/2011
Action: Closure/No Further Action Letter - #20110215

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIVATE RESIDENCE (Continued)

S109521360

Global Id: T10000001610
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 05/28/2009
Action: Staff Letter - #20090528

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 06/01/2009
Action: Technical Correspondence / Assistance / Other - #20090601

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 03/31/2009
Action: Technical Correspondence / Assistance / Other - #20090331

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 10/22/2009
Action: Notice of Responsibility - #20091022

Global Id: T10000001610
Action Type: RESPONSE
Date: 10/14/2009
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T10000001610
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T10000001610
Action Type: ENFORCEMENT
Date: 01/10/2011
Action: Notification - Fee Title Owners Notice - #20110110

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 05/23/2006
Global Id: SL0608151751
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 339214
Latitude: 37.4794898963995
Longitude: -122.224531173706
Case Type: Cleanup Program Site
Case Worker: MEJ
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41S0182
File Location: Local Agency
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Lead

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIVATE RESIDENCE (Continued)

S109521360

Site History: There appears to be an area wide VOC plume. This site does not appear to be the source of these VOCs.

[Click here to access the California GeoTracker records for this facility:](#)

AE169
East
1/4-1/2
0.407 mi.
2149 ft.

HOFFMANN PAINT CO., INC.
820 SWEENEY
REDWOOD CITY, CA 94063

HIST CORTESE **S103893118**
LUST **N/A**

Site 1 of 2 in cluster AE

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0275

Actual:
14 ft.

LUST:

Region: STATE
Global Id: T0608100262
Latitude: 37.4833939
Longitude: -122.210153
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 05/14/1996
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0275
LOC Case Number: 330025
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Stoddard solvent / Mineral Sprirts / Distillates
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100262
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100262
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOFFMANN PAINT CO., INC. (Continued)

S103893118

Global Id: T0608100262
Status: Open - Case Begin Date
Status Date: 04/17/1986

Global Id: T0608100262
Status: Completed - Case Closed
Status Date: 05/14/1996

Regulatory Activities:

Global Id: T0608100262
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100262
Action Type: ENFORCEMENT
Date: 04/17/1986
Action: Notice of Responsibility - #19860417

Global Id: T0608100262
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330025
Facility Status: 9- Case Closed
Global ID: T0608100262
APN Number: 054083240
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

AE170
East
1/4-1/2
0.407 mi.
2149 ft.

HOFFMANN PAINT CO., INC.
820 SWEENEY
REDWOOD CITY, CA 94063
Site 2 of 2 in cluster AE

LUST S103723167
N/A

Relative:
Higher

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330025
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

Actual:
14 ft.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

AF171 ENE 1/4-1/2 0.409 mi. 2161 ft.	TYDEMAN MACHINE WORKS BROADWAY & CHARTER REDWOOD CITY, CA 94063 Site 1 of 3 in cluster AF	CERC-NFRAP	1003879302 CAD982359275
---	--	-------------------	--

Relative:	CERC-NFRAP:		
Lower	Site ID:	0903165	
	Federal Facility:	Not a Federal Facility	
Actual:	NPL Status:	Not on the NPL	
13 ft.	Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information	

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13290064.00000
Person ID:	13003854.00000
Contact Sequence ID:	13295659.00000
Person ID:	13003858.00000
Contact Sequence ID:	13301517.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	12/01/87
Priority Level:	Not reported
Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	10/06/89
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	10/06/89
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information

AD172 ENE 1/4-1/2 0.410 mi. 2165 ft.	EARL SCHEIB ON BROADWAY 899 BROADWAY STREET REDWOOD CITY, CA 94063 Site 2 of 2 in cluster AD	HIST CORTESE LUST EMI	S100234077 N/A
---	---	--	---------------------------------

Relative:	HIST CORTESE:		
Lower	Region:	CORTESE	
	Facility County Code:	41	
Actual:	Reg By:	LTNKA	
13 ft.	Reg Id:	41-0317	

LUST:

Region:	STATE
Global Id:	T0608100302
Latitude:	37.485822
Longitude:	-122.20934
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/30/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EARL SCHEIB ON BROADWAY (Continued)

S100234077

Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0317
LOC Case Number: 330044
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100302
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100302
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100302
Status: Completed - Case Closed
Status Date: 12/30/1997

Global Id: T0608100302
Status: Open - Case Begin Date
Status Date: 04/02/1987

Regulatory Activities:

Global Id: T0608100302
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100302
Action Type: ENFORCEMENT
Date: 10/02/1990
Action: Notice of Responsibility - #1

Global Id: T0608100302
Action Type: REMEDIATION
Date: 01/01/1950
Action: Not reported

Global Id: T0608100302

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EARL SCHEIB ON BROADWAY (Continued)

S100234077

Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330044
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330044
Facility Status: 9- Case Closed
Global ID: T0608100302
APN Number: 054050010
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

EMI:

Year: 2011
County Code: 41
Air Basin: SF
Facility ID: 20471
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.836
Reactive Organic Gases Tons/Yr: 0.718999
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2012
County Code: 41
Air Basin: SF
Facility ID: 21837
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EARL SCHEIB ON BROADWAY (Continued)

S100234077

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.836
Reactive Organic Gases Tons/Yr: 0.718999
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

AF173
ENE
1/4-1/2
0.416 mi.
2199 ft.

COORS WEST
890 BROADWAY
REDWOOD CITY, CA 94063
Site 2 of 3 in cluster AF

LUST **S100178861**
Notify 65 **N/A**

Relative:
Higher

LUST:

Actual:
14 ft.

Region: STATE
Global Id: T0608100270
Latitude: 37.485947
Longitude: -122.209245
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/03/1995
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0284
LOC Case Number: 330031
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0608100270
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100270
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100270
Status: Open - Case Begin Date

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COORS WEST (Continued)

S100178861

Status Date: 12/20/1988
Global Id: T0608100270
Status: Completed - Case Closed
Status Date: 07/03/1995

Regulatory Activities:

Global Id: T0608100270
Action Type: ENFORCEMENT
Date: 12/20/1988
Action: Notice of Responsibility - #1

Global Id: T0608100270
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330031
Facility Status: 9- Case Closed
Global ID: T0608100270
APN Number: 054040270
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

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: 92257

AF174
ENE
1/4-1/2
0.416 mi.
2199 ft.

COORS WEST
890 BROADWAY
REDWOOD CITY, CA 94063

HIST CORTESE **S104493965**
LUST **N/A**

Site 3 of 3 in cluster AF

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0284

Actual:
14 ft.

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330031
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COORS WEST (Continued)

S104493965

Oversight Program: LUST
 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 Post Remedial Action Monitoring Began: Not reported

**175
 NNW
 1/4-1/2
 0.419 mi.
 2210 ft.**

**REPLANET LLC
 1155 VETERANS BLVD
 REDWOOD CITY, CA 94063**

**SWRCY S103981422
 N/A**

**Relative:
 Lower**

SWRCY:
 Reg Id: 158527
 Cert Id: RC158527.001
 Mailing Address: 9910 E 6th St
 Mailing City: Rancho Cucamonga
 Mailing State: CA
 Mailing Zip Code: 91730
 Website: <http://www.replanetusa.com>
 Phone Number: (951) 520-1700
 Grand Father: N
 Rural: N
 Operation Begin Date: 05/01/2012
 Aluminium: Y
 Glass: Y
 Plastic: Y
 Bimetal: Y
 Agency: N/A
 Monday Hours Of Operation: 9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
 Tuesday Hours Of Operation: 9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
 Wednesday Hours Of Operation: 9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
 Thursday Hours Of Operation: 9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
 Friday Hours Of Operation: 9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
 Saturday Hours Of Operation: 9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
 Sunday Hours Of Operation: 9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
 Cert Status: Operational
 Organization ID: 151891
 Organization Name: rePLANET LLC
 Agency Reg ID: N/A
 Operation End Date: Not reported

**Actual:
 8 ft.**

**AG176
 West
 1/4-1/2
 0.433 mi.
 2284 ft.**

**CITY OF REDWOOD CITY
 1036 MIDDLEFIELD
 REDWOOD CITY, CA 94064**

**LUST S103177225
 N/A**

Site 1 of 6 in cluster AG

**Relative:
 Higher**

LUST REG 2:
 Region: 2
 Facility Id: Not reported
 Facility Status: Post remedial action monitoring
 Case Number: 330143
 How Discovered: OM

**Actual:
 14 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF REDWOOD CITY (Continued)

S103177225

Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: 1/1/1965

AH177
East
1/4-1/2
0.435 mi.
2299 ft.

BRADY PROPERTY
2585 SPRING
REDWOOD CITY, CA 94063

LUST **S104494086**
N/A

Site 1 of 2 in cluster AH

Relative:
Higher

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330122
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

Actual:
15 ft.

AH178
East
1/4-1/2
0.435 mi.
2299 ft.

BRADY PROPERTY
2585 SPRING STREET
REDWOOD CITY, CA 94063

HIST CORTESE **S102425715**
LUST **N/A**
SWEEPS UST

Site 2 of 2 in cluster AH

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0798

Actual:
15 ft.

LUST:
Region: STATE
Global Id: T0608100754
Latitude: 37.4826559
Longitude: -122.209556
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/22/1997
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADY PROPERTY (Continued)

S102425715

Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0798
LOC Case Number: 330122
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100754
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100754
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608100754
Status: Completed - Case Closed
Status Date: 01/22/1997

Global Id: T0608100754
Status: Open - Case Begin Date
Status Date: 03/03/1994

Regulatory Activities:

Global Id: T0608100754
Action Type: ENFORCEMENT
Date: 03/09/1994
Action: Notice of Responsibility - #1

Global Id: T0608100754
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330122
Facility Status: 9- Case Closed
Global ID: T0608100754
APN Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADY PROPERTY (Continued)

S102425715

Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SWEEPS UST:

Status: Not reported
Comp Number: 330208
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330208-000001
Tank Status: Not reported
Capacity: 300
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: 1

AI179
SSW
1/4-1/2
0.438 mi.
2313 ft.

**MOTLOCH PARCEL
1629 MAIN STREET
REDWOOD CITY, CA 94063**

**LUST S111760561
SLIC N/A**

Site 1 of 2 in cluster AI

**Relative:
Higher**

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 339224
Facility Status: 9- Case Closed
Global ID: T10000003696
APN Number: 053341010
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

**Actual:
22 ft.**

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 11/26/2013
Global Id: T10000003696
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.477722
Longitude: -122.222388
Case Type: Cleanup Program Site
Case Worker: CLP
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41S0195
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Diesel, Gasoline
Site History: The site is a former automotive repair facility with a gas station/fueling facility located next to a dry cleaning operation. Total petroleum hydrocarbons, predominantly in the kerosene range, are present in soil and groundwater. Assessments conducted in 2012 to 2013 attributed the source of the petroleum hydrocarbon contamination

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTLOCH PARCEL (Continued)

S111760561

to a release of Stoddard solvent from the neighboring drycleaner. No further action was required to address the residual petroleum hydrocarbons at the former Motloch Parcel under current land use conditions.

[Click here to access the California GeoTracker records for this facility:](#)

AG180
West
1/4-1/2
0.449 mi.
2372 ft.

TEMPORARY CITY HALL
1020 MIDDLEFIELD ROAD
REDWOOD CITY, CA 94063

HIST CORTESE
LUST
SWEEPS UST

S103893026
N/A

Site 2 of 6 in cluster AG

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0994

Actual:
14 ft.

LUST:

Region: STATE
Global Id: T0608192910
Latitude: 37.4840192578613
Longitude: -122.227942943573
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/02/2009
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
LOC Case Number: 330209
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608192910
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608192910
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEMPORARY CITY HALL (Continued)

S103893026

Status History:

Global Id: T0608192910
Status: Open - Verification Monitoring
Status Date: 11/29/2006

Global Id: T0608192910
Status: Completed - Case Closed
Status Date: 04/02/2009

Global Id: T0608192910
Status: Open - Case Begin Date
Status Date: 01/06/1997

Global Id: T0608192910
Status: Open - Site Assessment
Status Date: 01/07/1997

Regulatory Activities:

Global Id: T0608192910
Action Type: RESPONSE
Date: 02/28/2006
Action: Soil and Water Investigation Report

Global Id: T0608192910
Action Type: ENFORCEMENT
Date: 01/31/2005
Action: Notice of Responsibility - #20050131

Global Id: T0608192910
Action Type: ENFORCEMENT
Date: 11/03/2005
Action: Staff Letter - #20051103

Global Id: T0608192910
Action Type: ENFORCEMENT
Date: 01/31/2005
Action: Staff Letter - #20050131

Global Id: T0608192910
Action Type: REMEDIATION
Date: 01/01/1950
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608192910
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608192910
Action Type: RESPONSE
Date: 05/13/2005
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608192910
Action Type: ENFORCEMENT
Date: 11/29/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEMPORARY CITY HALL (Continued)

S103893026

Action: Staff Letter - #20061129

Global Id: T0608192910
Action Type: RESPONSE
Date: 07/13/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608192910
Action Type: RESPONSE
Date: 07/13/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608192910
Action Type: RESPONSE
Date: 12/05/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608192910
Action Type: RESPONSE
Date: 01/17/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608192910
Action Type: RESPONSE
Date: 12/29/2006
Action: Other Report / Document

Global Id: T0608192910
Action Type: ENFORCEMENT
Date: 04/02/2009
Action: Closure/No Further Action Letter - #20090402

Global Id: T0608192910
Action Type: ENFORCEMENT
Date: 05/03/2005
Action: Staff Letter - #20050503

Global Id: T0608192910
Action Type: ENFORCEMENT
Date: 01/03/2008
Action: Staff Letter - #20080103

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330209
Facility Status: 9- Case Closed
Global ID: T0608192910
APN Number: 053134010
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SWEEPS UST:

Status: Active
Comp Number: 330162
Number: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEMPORARY CITY HALL (Continued)

S103893026

Board Of Equalization: Not reported
Referral Date: 05-14-94
Action Date: 05-14-94
Created Date: 07-09-92
Owner Tank Id: UNK
SWRCB Tank Id: 41-000-330162-000001
Tank Status: A
Capacity: 10000
Active Date: 04-22-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: Active
Comp Number: 330162
Number: 4
Board Of Equalization: Not reported
Referral Date: 05-14-94
Action Date: 05-14-94
Created Date: 07-09-92
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330162-000002
Tank Status: A
Capacity: 2500
Active Date: 02-08-93
Tank Use: OIL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

AG181 **TEMPORARY CITY HALL**
West **1020 MIDDLEFIELD**
1/4-1/2 **REDWOOD CITY, CA 94064**
0.449 mi.
2372 ft. **Site 3 of 6 in cluster AG**

LUST **S102438486**
N/A

Relative: LUST REG 2:
Higher Region: 2
Facility Id: Not reported
Actual: Facility Status: Post remedial action monitoring
14 ft. Case Number: 330141
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: 1/1/1965

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AJ182
WSW
1/4-1/2
0.449 mi.
2372 ft.
RMC LONESTAR
25 MAPLE
REDWOOD CITY, CA 94063
Site 1 of 6 in cluster AJ

HIST CORTESE
LUST
SWEEPS UST
S101303163
N/A

Relative: HIST CORTESE:
Higher Region: CORTESE
Facility County Code: 41
Actual: Reg By: LTNKA
16 ft. Reg Id: 41-0724

LUST:
Region: STATE
Global Id: T0608100686
Latitude: 37.4806892
Longitude: -122.2268682
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/08/1996
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0724
LOC Case Number: 330080
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:
Global Id: T0608100686
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100686
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:
Global Id: T0608100686
Status: Open - Case Begin Date
Status Date: 04/30/1991

Global Id: T0608100686
Status: Completed - Case Closed
Status Date: 02/08/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RMC LONESTAR (Continued)

S101303163

Regulatory Activities:

Global Id:	T0608100686
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation
Global Id:	T0608100686
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0608100686
Action Type:	ENFORCEMENT
Date:	05/01/1991
Action:	Notice of Responsibility - #1
Global Id:	T0608100686
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

SAN MATEO CO. LUST:

Region:	SAN MATEO
Facility ID:	330080
Facility Status:	9- Case Closed
Global ID:	T0608100686
APN Number:	Not reported
Case Type:	SAN MATEO CO. LUST
EDR Link ID:	SAN MATEO CO. LUST

SWEEPS UST:

Status:	Not reported
Comp Number:	330011
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-330011-000001
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	3
Status:	Not reported
Comp Number:	330011
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RMC LONESTAR (Continued)

S101303163

Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330011-000002
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 330011
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330011-000003
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: OIL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

AJ183
WSW
1/4-1/2
0.449 mi.
2372 ft.

**PACIFIC READY MIX INC
25 MAPLE ST
REDWOOD CITY, CA 94401**

**LUST U001596006
HIST UST N/A**

Site 2 of 6 in cluster AJ

**Relative:
Higher**

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330080
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

**Actual:
16 ft.**

HIST UST:
Region: STATE
Facility ID: 00000010291
Facility Type: Other
Other Type: READY MIX CONCRETE
Total Tanks: 0002
Contact Name: KEN GARINO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC READY MIX INC (Continued)

U001596006

Telephone: 4153663816
Owner Name: PACIFIC READY MIX INC
Owner Address: 850 SAN MATEO DR
Owner City,St,Zip: SAN MATEO, CA 94401

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00002100
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor

AJ184
WSW
1/4-1/2
0.451 mi.
2383 ft.

TOWNE FORD SALES
1601 EL CAMINO REAL
REDWOOD CITY, CA 94063

Site 3 of 6 in cluster AJ

LUST 1000311542
HIST UST N/A
Notify 65

Relative:
Higher

LUST:

Region: STATE
Global Id: T0608100547
Latitude: 37.4799709412402
Longitude: -122.225475311279
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/12/1995
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0573
LOC Case Number: 330023
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

Actual:
18 ft.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0608100547
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE FORD SALES (Continued)

1000311542

Global Id: T0608100547
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608100547
Status: Open - Case Begin Date
Status Date: 12/20/1988

Global Id: T0608100547
Status: Completed - Case Closed
Status Date: 10/12/1995

Regulatory Activities:

Global Id: T0608100547
Action Type: ENFORCEMENT
Date: 05/28/1990
Action: Notice of Responsibility - #1

Global Id: T0608100547
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100547
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330023
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330023

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE FORD SALES (Continued)

1000311542

Facility Status: 9- Case Closed
Global ID: T0608100547
APN Number: 053185060
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

HIST UST:

Region: STATE
Facility ID: 00000004128
Facility Type: Other
Other Type: AUTO DEALER
Total Tanks: 0001
Contact Name: TIM TOLAND
Telephone: 4153665744
Owner Name: TOWNE FORD SALES
Owner Address: 1601 EL CAMINO REAL
Owner City,St,Zip: REDWOOD CITY, CA 94063

Tank Num: 001
Container Num: 1
Year Installed: 1956
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

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: 92257

AJ185
WSW
1/4-1/2
0.451 mi.
2383 ft.

**TOWN FORD SALES
1601 EL CAMINO REAL
REDWOOD CITY, CA 94063**

**HIST CORTESE S103472794
N/A**

Site 4 of 6 in cluster AJ

**Relative:
Higher**

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0573

**Actual:
18 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AI186
SSW
1/4-1/2
0.452 mi.
2385 ft.

**SHELL, FORMER (HARRY'S HOFBRAU)
1909 EL CAMINO REAL
REDWOOD CITY, CA 94063**

**LUST S107138457
N/A**

Site 2 of 2 in cluster AI

**Relative:
Higher**

LUST:

**Actual:
22 ft.**

Region: STATE
Global Id: T0608160745
Latitude: 37.477291
Longitude: -122.2226351
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/26/2012
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: MM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
LOC Case Number: 330213
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0608160745
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608160745
Contact Type: Local Agency Caseworker
Contact Name: MARC MULLANEY
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: mmullaney@smcgov.org
Phone Number: 6503726289

Status History:

Global Id: T0608160745
Status: Open - Site Assessment
Status Date: 04/19/2005

Global Id: T0608160745
Status: Open - Verification Monitoring
Status Date: 04/17/2006

Global Id: T0608160745
Status: Open - Verification Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL, FORMER (HARRY'S HOFBRAU) (Continued)

S107138457

Status Date: 12/22/2010

Global Id: T0608160745
Status: Completed - Case Closed
Status Date: 11/26/2012

Global Id: T0608160745
Status: Open - Case Begin Date
Status Date: 05/21/1999

Regulatory Activities:

Global Id: T0608160745
Action Type: RESPONSE
Date: 05/29/2012
Action: Well Destruction Report

Global Id: T0608160745
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: RESPONSE
Date: 08/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: RESPONSE
Date: 11/23/2011
Action: Site Assessment Report

Global Id: T0608160745
Action Type: RESPONSE
Date: 11/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608160745
Action Type: ENFORCEMENT
Date: 10/28/2009
Action: Staff Letter - #20091028

Global Id: T0608160745
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608160745
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608160745

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL, FORMER (HARRY'S HOFBRAU) (Continued)

S107138457

Action Type: ENFORCEMENT
Date: 11/15/2012
Action: State Water Board Closure Order - #20121115

Global Id: T0608160745
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: ENFORCEMENT
Date: 04/19/2005
Action: Notice of Responsibility - #20050419

Global Id: T0608160745
Action Type: ENFORCEMENT
Date: 11/23/2005
Action: Staff Letter - #20051123

Global Id: T0608160745
Action Type: ENFORCEMENT
Date: 07/02/2009
Action: Staff Letter - #20090702

Global Id: T0608160745
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608160745
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608160745
Action Type: ENFORCEMENT
Date: 05/29/2012
Action: Staff Letter - #20120529

Global Id: T0608160745
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: RESPONSE
Date: 02/15/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL, FORMER (HARRY'S HOFBRAU) (Continued)

S107138457

Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: RESPONSE
Date: 03/09/2010
Action: Request for Closure - Regulator Responded

Global Id: T0608160745
Action Type: RESPONSE
Date: 03/01/2011
Action: Other Report / Document - Regulator Responded

Global Id: T0608160745
Action Type: RESPONSE
Date: 09/01/2005
Action: Preliminary Site Assessment Workplan

Global Id: T0608160745
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608160745
Action Type: RESPONSE
Date: 11/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608160745
Action Type: RESPONSE
Date: 01/18/2006
Action: Soil and Water Investigation Report

Global Id: T0608160745
Action Type: ENFORCEMENT
Date: 04/27/2012
Action: Notification - Fee Title Owners Notice - #20120427

Global Id: T0608160745
Action Type: RESPONSE
Date: 05/15/2011
Action: Monitoring Report - Semi-Annually

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL, FORMER (HARRY'S HOFBRAU) (Continued)

S107138457

Global Id: T0608160745
Action Type: ENFORCEMENT
Date: 03/27/2012
Action: Staff Letter - #20130327

Global Id: T0608160745
Action Type: ENFORCEMENT
Date: 12/22/2010
Action: Staff Letter - #20101222

Global Id: T0608160745
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0608160745
Action Type: ENFORCEMENT
Date: 07/07/2011
Action: Staff Letter - #20110707

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330213
Facility Status: 9- Case Closed
Global ID: T0608160745
APN Number: 053197110
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

AG187
West
1/4-1/2
0.453 mi.
2391 ft.

REDWOOD CITY CITY HALL
1017 MIDDLEFIELD
REDWOOD CITY, CA 94062
Site 4 of 6 in cluster AG

HIST CORTESE
LUST
SLIC

S103620505
N/A

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0443

Actual:
14 ft.

LUST:

Region: STATE
Global Id: T0608100422
Latitude: 37.485317
Longitude: -122.227276
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/17/1995
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0443
LOC Case Number: 330124
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY CITY HALL (Continued)

S103620505

Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100422
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100422
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100422
Status: Completed - Case Closed
Status Date: 04/17/1995

Global Id: T0608100422
Status: Open - Case Begin Date
Status Date: 03/13/1987

Regulatory Activities:

Global Id: T0608100422
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100422
Action Type: ENFORCEMENT
Date: 08/10/1994
Action: Notice of Responsibility - #1

Global Id: T0608100422
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330124
Facility Status: 9- Case Closed
Global ID: T0608100422
APN Number: 053131140

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY CITY HALL (Continued)

S103620505

Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

Region: SAN MATEO
Facility ID: 339207
Facility Status: 5C- Pollution Characterization
Global ID: SL0608108743
APN Number: 053131140
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 05/23/2014
Global Id: SL0608108743
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 339207
Latitude: 37.4861093123398
Longitude: -122.227385044098
Case Type: Cleanup Program Site
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Stoddard solvent / Mineral Sprits / Distillates
Site History: Extracted from Green Environment's January 21, 2008 Status report on Subsurface Investigation, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. In February 2003, Bay Area Geotechnical Group (BAGG) conducted an investigation for the City of Redwood City (City) to evaluate subsurface soil and groundwater conditions along and near the new culvert alignment for the Jefferson Branch of the Redwood Creek Storm Drainage Culvert Relocation Project. Borings B-1, B-2, B-3 and B-4 were completed along the new culvert alignment to develop geotechnical criteria for the design and construction of the new culvert. Boring B-2 was completed in the alignment for the new box culvert in the City parking lot, approximately 60 feet east of the 821-831 Jefferson Building. Borings B-1, B-3 and B-4 were completed along other segments of the new box culvert alignment located farther away from the subject properties. Boring B-1 was completed on Jefferson Avenue, approximately 250 feet southwest of the 821-831 Jefferson Building. Boring B-3 was completed in an alleyway approximately 250 feet southeast of the 821-831 Jefferson Building. Finally, Boring B-4 was completed off Middlefield Road, approximately 650 feet southwest of the same building. The boring locations and investigation results were documented in a technical report by BAGG dated March 10, 2003. The February 2003 investigation by BAGG included the collection of soil and groundwater samples from the borings and analyses for total extractable petroleum hydrocarbons as diesel (TEPHd), motor oil (TEPHmo) and kerosene (TEPHk) by Environmental Protection Agency (EPA) Method 8015 with silica gel cleanup; total petroleum hydrocarbons as gasoline (TPHg) with benzene (B), toluene (T), ethylbenzene (E), xylenes (X) and methyl tert butyl ether (MTBE) distinction by EPA Methods 8015/8020F; and volatile

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REDWOOD CITY CITY HALL (Continued)

S103620505

organic compounds (VOCs) by EPA Method 8260. In addition, the grab groundwater sample from Boring B-4 off Middlefield Road was analyzed for semi-volatile organic compounds (SVOCs) by EPA Method 8270 and polychlorinated biphenyls (PCBs) by EPA Method 8082A. One soil sample from each of the four (4) borings was analyzed for CAM 17 Metals by EPA Method 6010B/7471. The investigation results of Boring B-2 are most relevant to the present investigation because of the proximity of this boring to the subject properties. The analytical results of the grab groundwater sample from Boring B-2 (Sample B-2, 02/19/03) indicated 152 micrograms per liter ("g/L) of TPHg with traces of MTBE (6.4 "g/L) and xylenes (1.2 "g/L). The laboratory reported traces of the following EPA 8260 VOCs: naphthalene (3 "g/L), n-propylbenzene (n-PB: 2 "g/L), 1,2,4-trimethylbenzene (1,2,4-TMB: 1 "g/L) and 1,3,5-trimethylbenzene (1,3,5-TMB: 1 "g/L). In October 2003, chemically impacted soil and water were allegedly discovered during excavation for the installation of the final segment of the new box culvert in the City parking lot to the east of the 2075 Broadway Building. According to BAGG, the analytical results of a soil sample taken on October 7, 2003 from soil stockpiled next to the excavation indicated 47.1 milligrams per kilogram (mg/kg) TPHg with 0.343 mg/kg xylenes and 0.037 mg/kg ethylbenzene. The EPA 8260 analytical results of the same soil sample identified traces of VOCs, namely 22.2 mg/kg acetone, 0.807 mg/kg naphthalene, 0.517 mg/kg 1,2,3-trichlorobenzene (1,2,3-TCB) and 0.332 mg/kg 1,2,4-trichlorobenzene (1,2,4-TCB). The analytical results of a grab water sample taken from the excavation on October 9, 2003 indicated 1.31 milligrams per liter (mg/L) TPHg and 5 mg/L of total oil and grease. In December 2003, BAGG completed three (3) borings in the City parking lot near the culvert reconnection excavation and submitted soil and groundwater samples for laboratory analyses. Up to four soil samples, and one grab ground

[Click here to access the California GeoTracker records for this facility:](#)

AG188
West
1/4-1/2
0.455 mi.
2400 ft.

REDWOOD CITY CITY HALL
1017 MIDDLEFIELD
REDWOOD CITY, CA 94062
Site 5 of 6 in cluster AG

LUST S104494052
N/A

Relative:
Higher

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	330124
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
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 Post Remedial Action Monitoring Began:	Not reported

Actual:
14 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AK189 **FERIANTE PROPERTY**
WSW **1612 EL CAMINO REAL**
1/4-1/2 **REDWOOD CITY, CA 94063**
0.456 mi.
2406 ft.

HIST CORTESE **S102429858**
LUST **N/A**
SWEEPS UST

Site 1 of 3 in cluster AK

Relative: HIST CORTESE:
Higher Region: CORTESE
 Facility County Code: 41
Actual: Reg By: LTNKA
18 ft. Reg Id: 41-0833

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330118
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 440085
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-440085-000001
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 6

Status: Not reported
Comp Number: 440085
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-440085-000002
Tank Status: Not reported
Capacity: 5000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FERIANTE PROPERTY (Continued)

S102429858

Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported
Status:	Not reported
Comp Number:	440085
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-440085-000003
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported
Status:	Not reported
Comp Number:	440085
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-440085-000004
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported
Status:	Not reported
Comp Number:	440085
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-440085-000005
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FERIANTE PROPERTY (Continued)

S102429858

Status: Not reported
Comp Number: 440085
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-440085-000006
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

**AK190
WSW
1/4-1/2
0.456 mi.
2406 ft.**

**FERIANTE PROPERTY
1612 EL CAMINO REAL
REDWOOD CITY, CA 94063

Site 2 of 3 in cluster AK**

**LUST S108198328
N/A**

**Relative:
Higher

Actual:
18 ft.**

LUST:
Region: STATE
Global Id: T0608100780
Latitude: 37.4796516640367
Longitude: -122.226491868496
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/08/1999
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0833
LOC Case Number: 330118
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0608100780
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100780
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FERIANTE PROPERTY (Continued)

S108198328

City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0608100780
Status: Completed - Case Closed
Status Date: 12/08/1999

Global Id: T0608100780
Status: Open - Case Begin Date
Status Date: 12/23/1993

Regulatory Activities:
Global Id: T0608100780
Action Type: ENFORCEMENT
Date: 12/27/1993
Action: Notice of Responsibility - #1

Global Id: T0608100780
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 330118
Facility Status: 9- Case Closed
Global ID: T0608100780
APN Number: 053094080
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

AK191
WSW
1/4-1/2
0.457 mi.
2414 ft.

REDWOOD CITY SOLVENT DETECTIONS
1600 EL CAMINO REAL
REDWOOD CITY, CA 94063

SLIC S113482456
N/A

Site 3 of 3 in cluster AK

Relative:
Higher

SLIC:
Region: STATE
Facility Status: Open - Inactive
Status Date: 06/06/2013
Global Id: T10000004815
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.4791640501832
Longitude: -122.2257544427
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 41S0196
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Tetrachloroethylene (PCE)

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY SOLVENT DETECTIONS (Continued)

S113482456

Site History: Chlorinated solvents were detected in the vicinity of the Towne Ford (San Mateo Case Number 330023) case. It is unclear if the chlorinated solvents are attributable to Town Ford or an unknown release at another property.

[Click here to access the California GeoTracker records for this facility:](#)

AJ192 **CHEVRON 9-4256**
WSW **1501 EL CAMINO REAL**
1/4-1/2 **REDWOOD CITY, CA 94063**
0.460 mi.
2431 ft. **Site 5 of 6 in cluster AJ**

LUST **S106610913**
N/A

Relative:
Higher

LUST:

Actual:
18 ft.

Region: STATE
Global Id: T0608100119
Latitude: 37.4815108
Longitude: -122.2286683
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 05/19/1997
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: CLI
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0126
LOC Case Number: 330021
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100119
Contact Type: Local Agency Caseworker
Contact Name: CHARLES ICE
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: cice@smcgov.org
Phone Number: 6503726295

Global Id: T0608100119
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608100119
Status: Completed - Case Closed
Status Date: 05/19/1997

Global Id: T0608100119

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 9-4256 (Continued)

S106610913

Status: Open - Case Begin Date
Status Date: 05/20/1986

Regulatory Activities:

Global Id: T0608100119
Action Type: ENFORCEMENT
Date: 02/27/1989
Action: Notice of Responsibility - #1

Global Id: T0608100119
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608100119
Action Type: REMEDIATION
Date: 01/01/1950
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100119
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100119
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330021
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330021
Facility Status: 9- Case Closed
Global ID: T0608100119
APN Number: 053093150
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

193
SE
1/4-1/2
0.467 mi.
2464 ft.

FIRE STATION #1 (FORMER)
1036 MIDDLEFIELD ROAD
REDWOOD CITY, CA 94064

HIST CORTESE
LUST
SLIC

S100932685
N/A

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0097

Actual:
23 ft.

LUST:

Region: STATE
Global Id: T0608100092
Latitude: 37.4840064874913
Longitude: -122.227529883385
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/02/2009
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0097
LOC Case Number: 330143
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100092
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100092
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100092
Status: Open - Verification Monitoring
Status Date: 11/29/2006

Global Id: T0608100092
Status: Completed - Case Closed
Status Date: 04/02/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRE STATION #1 (FORMER) (Continued)

S100932685

Global Id: T0608100092
Status: Open - Case Begin Date
Status Date: 04/01/1986

Global Id: T0608100092
Status: Open - Site Assessment
Status Date: 10/06/1986

Regulatory Activities:

Global Id: T0608100092
Action Type: ENFORCEMENT
Date: 08/12/1996
Action: Notice of Responsibility - #19960812

Global Id: T0608100092
Action Type: ENFORCEMENT
Date: 01/31/2005
Action: Staff Letter - #20050131

Global Id: T0608100092
Action Type: ENFORCEMENT
Date: 11/29/2006
Action: Staff Letter - #20061129

Global Id: T0608100092
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100092
Action Type: RESPONSE
Date: 12/03/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608100092
Action Type: RESPONSE
Date: 07/13/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608100092
Action Type: RESPONSE
Date: 02/28/2006
Action: Soil and Water Investigation Report

Global Id: T0608100092
Action Type: ENFORCEMENT
Date: 05/03/2005
Action: Staff Letter - #20050503

Global Id: T0608100092
Action Type: ENFORCEMENT
Date: 02/28/2006
Action: Technical Correspondence / Assistance / Other - #20060228

Global Id: T0608100092
Action Type: ENFORCEMENT
Date: 04/02/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRE STATION #1 (FORMER) (Continued)

S100932685

Action: Closure/No Further Action Letter - #20090402

Global Id: T0608100092
Action Type: ENFORCEMENT
Date: 11/03/2005
Action: Staff Letter - #20051103

Global Id: T0608100092
Action Type: ENFORCEMENT
Date: 01/22/2009
Action: Staff Letter - #20090122

Global Id: T0608100092
Action Type: RESPONSE
Date: 01/22/2009
Action: Electronic Reporting Submittal Due

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330143
Facility Status: 9- Case Closed
Global ID: T0608100092
APN Number: 053134030 (currently 060)
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

Region: SAN MATEO
Facility ID: 339176
Facility Status: 9- Case Closed
Global ID: T0608194207
APN Number: 054111220
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/11/2000
Global Id: T0608194207
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 339176
Latitude: 37.477273
Longitude: -122.213211
Case Type: Cleanup Program Site
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AJ194
WSW
1/4-1/2
0.473 mi.
2496 ft.

JULES DUC CONSTRUCTION
1451 EL CAMINO REAL
REDWOOD CITY, CA 94063

HIST CORTESE
LUST
San Mateo Co. BI

S101308668
N/A

Site 6 of 6 in cluster AJ

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0299

Actual:
18 ft.

LUST:

Region: STATE
Global Id: T0608100285
Latitude: 37.481577
Longitude: -122.227718
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/24/1996
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0299
LOC Case Number: 330059
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100285
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100285
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100285
Status: Completed - Case Closed
Status Date: 06/24/1996

Global Id: T0608100285
Status: Open - Case Begin Date
Status Date: 05/10/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JULES DUC CONSTRUCTION (Continued)

S101308668

Regulatory Activities:

Global Id:	T0608100285
Action Type:	ENFORCEMENT
Date:	05/27/1992
Action:	Notice of Responsibility - #1
Global Id:	T0608100285
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0608100285
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation
Global Id:	T0608100285
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0608100285
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	330059
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
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 Post Remedial Action Monitoring Began:	Not reported

SAN MATEO CO. LUST:

Region:	SAN MATEO
Facility ID:	330059
Facility Status:	9- Case Closed
Global ID:	T0608100285
APN Number:	053176170
Case Type:	SAN MATEO CO. LUST
EDR Link ID:	SAN MATEO CO. LUST

San Mateo Co. BI:

Region:	SAN MATEO
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Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JULES DUC CONSTRUCTION (Continued)

S101308668

Facility ID: FA0027696
 Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
 Record Id: PR0044692
 Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

**195
 ESE
 1/4-1/2
 0.477 mi.
 2517 ft.**

**DEANS ANODIZING INC
 2643 FAIR OAKS
 REDWOOD CITY, CA 94063**

**SLIC S113755462
 San Mateo Co. BI N/A**

**Relative:
 Higher**

SLIC:

Region: STATE
Facility Status: Open - Inactive
 Status Date: 03/09/2001
 Global Id: SLT2O223931
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Lead Agency Case Number: Not reported
 Latitude: 37.4814858154305
 Longitude: -122.209120470764
 Case Type: Cleanup Program Site
 Case Worker: UUU
 Local Agency: Not reported
 RB Case Number: 41S0037
 File Location: Not reported
 Potential Media Affected: Not reported
 Potential Contaminants of Concern: Not reported
 Site History: Not reported

**Actual:
 18 ft.**

Click here to access the California GeoTracker records for this facility:

San Mateo Co. BI:

Region: SAN MATEO
 Facility ID: FA0009102
 Prog Element Code: GENERATES <27 GAL/YEAR
 Record Id: PR0011246
 Description: GENERATES <27 GAL/YEAR

Region: SAN MATEO
 Facility ID: FA0009102
 Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
 Record Id: PR0003861
 Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF

**AL196
 WNW
 1/4-1/2
 0.477 mi.
 2518 ft.**

**850 JEFFERSON AVENUE, REDWOOD CITY ON BROADWAY
 850 JEFFERSON AVENUE
 REDWOOD CITY, CA 94063
 Site 1 of 3 in cluster AL**

**NPDES S107138756
 SLIC N/A
 ENF**

**Relative:
 Lower**

NPDES:

Npdes Number: CAG912003
 Facility Status: Active
 Agency Id: 396905
 Region: 2
 Regulatory Measure Id: 372612

**Actual:
 13 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

850 JEFFERSON AVENUE, REDWOOD CITY ON BROADWAY (Continued)

S107138756

Order No: R2-2009-0059
Regulatory Measure Type: Enrollee
Place Id: 656643
WDID: 2 417188001
Program Type: NPDNONMUNIPRCS
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 11/17/2009
Expiration Date Of Regulatory Measure: 09/30/2014
Termination Date Of Regulatory Measure: Not reported
Discharge Name: City of Redwood City Attn.: Mr. Shobuz Ikbal, City Engineer
Discharge Address: 1017 Middlefield Road
Discharge City: Redwood City
Discharge State: CA
Discharge Zip: 94063

SLIC:

Region: STATE
Facility Status: Open - Remediation
Status Date: 09/01/2005
Global Id: SL0608115559
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.485592
Longitude: -122.228097
Case Type: Cleanup Program Site
Case Worker: LG
Local Agency: Not reported
RB Case Number: 41S0170
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: No Water Board oversight of cleanup at this site. This case is included in Geotracker because the site is covered by the Water Boards NPDES general permits for discharges from pump and treat systems to surface waters (one each for fuels- and VOC-impacted sites). This can happen for two reasons: (i) the site is overseen by another agency (e.g., USEPA or DTSC) and needs coverage under one of the NPDES general permits or (ii) construction dewatering in an area of groundwater contamination necessitates NPDES general permit coverage. Including this case in Geotracker helps staff to receive and review required NPDES reports.

[Click here to access the California GeoTracker records for this facility:](#)

ENF:

Region: 2
Facility Id: 656643
Agency Name: City of Redwood City Attn.: Mr. Shobuz Ikbal, City Engineer
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: Not reported
Agency Type: City Agency
Of Agencies: 1
Place Latitude: 37.487499999999
Place Longitude: -122.229167
SIC Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

850 JEFFERSON AVENUE, REDWOOD CITY ON BROADWAY (Continued)

S107138756

SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDPNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417188001
Reg Measure Id:	372612
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2009-0059
Npdes# CA#:	CAG912003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	08/01/2013
Effective Date:	11/17/2009
Expiration/Review Date:	09/30/2014
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Active
Enforcement Id(EID):	383022
Region:	2
Order / Resolution Number:	R2-2012-0024
Enforcement Action Type:	Admin Civil Liability
Effective Date:	03/28/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

850 JEFFERSON AVENUE, REDWOOD CITY ON BROADWAY (Continued)

S107138756

Adoption/Issuance Date: 04/09/2012
Achieve Date: Not reported
Termination Date: 06/15/2012
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: ACL for 850 Jefferson Avenue
Description: EPL for 2 violations - one pH and one cis-1,2-Dichloroethene
Not reported
Program: NPDESWW
Latest Milestone Completion Date: 2012-06-15
Of Programs1: 1
Total Assessment Amount: 3000
Initial Assessed Amount: 0
Liability \$ Amount: 3000
Project \$ Amount: 0
Liability \$ Paid: 3000
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 3000

Region: 2
Facility Id: 656643
Agency Name: City of Redwood City Attn.: Mr. Shobuz Ikbal, City Engineer
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: Not reported
Agency Type: City Agency
Of Agencies: 1
Place Latitude: 37.487499999999
Place Longitude: -122.229167
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: 2
Complexity: B
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: NPDNONMUNIPRCS
Program Category1: NPDESWW
Program Category2: NPDESWW
Of Programs: 1
WDID: 2 417188001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

850 JEFFERSON AVENUE, REDWOOD CITY ON BROADWAY (Continued)

S107138756

Reg Measure Id:	331314
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2004-0055
Npdes# CA#:	CAG912003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	01/12/2010
Effective Date:	08/02/2005
Expiration/Review Date:	07/21/2009
Termination Date:	11/16/2009
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	336153
Region:	2
Order / Resolution Number:	R2-2007-0079
Enforcement Action Type:	Admin Civil Liability
Effective Date:	03/12/2008
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	01/18/2008
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - MMP R2-2007-0079
Description:	Withdrawal of Complaint No. R2-2007-0079 and Resolution of 2010 Effluent Limit Violation of NPDES Permit No. CAG912003 (Order No: R2-2009-0059), Redwood City on Broadway located at 850 Jefferson Avenue, Redwood City, San Mateo County, CA 94063
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	2008-02-14
# Of Programs1:	1
Total Assessment Amount:	3000
Initial Assessed Amount:	3000
Liability \$ Amount:	3000
Project \$ Amount:	0
Liability \$ Paid:	3000
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	3000

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

197
ENE
1/4-1/2
0.478 mi.
2522 ft.

FREE FLOW PACKAGING
1093 CHARTER ST
REDWOOD CITY, CA

SLIC S100808695
N/A

Relative:
Lower

SLIC REG 2:

Region: 2
Facility ID: SLT2O224
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
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:
11 ft.

AG198
West
1/4-1/2
0.478 mi.
2523 ft.

GRADE SEPARATION
923 JEFFERSON AVENUE
REDWOOD CITY, CA 94064
Site 6 of 6 in cluster AG

LUST S107410884
N/A

Relative:
Higher

LUST:

Region: STATE
Global Id: T0608100909
Latitude: 37.484330795
Longitude: -122.228403
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/24/2010
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0994
LOC Case Number: 330141
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Extracted from EarthTech's July 12, 2005 Soil and Groundwater Investigation Work Plan, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The former USTs were located on three formal parcels recognized by San Mateo County for tax purposes. The parcels have or had the following street addresses: 923 Jefferson Avenue, 1020 Middlefield Road, and 1036 Middlefield Road. The City of Redwood City currently uses and manages the three contiguous parcels as a City employee parking lot (923 Jefferson Avenue and 1020 Middlefield Road) and the Redwood City Main Public Library (1036 Middlefield Road). The site is largely covered by an asphalt-paved parking lot with small areas of landscaping, and the Redwood City Main Public Library building is on the eastern part of the site. A driveway/alleyway, railroad tracks, and commercial development across the railroad tracks are immediately

Actual:
14 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRADE SEPARATION (Continued)

S107410884

to the southwest of the site. Jefferson Avenue and commercial and retail development across Jefferson Avenue are immediately northwest of the site. Middlefield Road and the Redwood City City Hall across Middlefield Road are immediately northeast of the site. Commercial and retail development are immediately southeast of the library building. 923 Jefferson Avenue. Prior to the current use as a parking lot, the land area comprising the 923 Jefferson Avenue parcel was occupied by a large commercial-type building, a U.S. Geological Survey (USGS) topographic base map dating from 1973. The previous business and activity housed within the former 923 Jefferson Avenue building are not known, and the building was demolished some time after 1973. A portion of a 750-gallon UST was encountered in June 1996 during trenching for a Pacific Bell utility relocation project associated with the grade separation project of the railroad tracks and Jefferson Avenue. The UST installation date is unknown. The UST was removed and soil overexcavation was conducted beneath the UST on June 27, 1996. Soil excavation northwest of the former UST location was also conducted as part of the Jefferson Avenue grade separation project in the late 1990s. No additional environmental work has been done at this location since the UST removal and grade separation project. 1020 Middlefield Road. Prior to the current use as a parking lot, the land area comprising the 1020 Middlefield Road parcel was occupied by a City of Redwood City municipal building that at various times housed the City Police Station and later the temporary City Hall. In January 1997, a 10,000 gallon, double-walled, fiberglass, unleaded gasoline UST, its associated piping, and the product dispenser pump and island were removed from the property. This 10,000 gallon UST was located approximately 120 feet southwest of the 1020 Middlefield Road building and had been in use at the property since approximately 1986. The 1020 Middlefield Road municipal building was demolished sometime after 1997 and the property has been used as a parking lot since that time. No other environmental work has been done at this location since the UST removal. 1036 Middlefield Road. Prior to the current Redwood City Main Public Library use, the building at 1036 Middlefield Road occupied a much smaller footprint and housed the Redwood City Main Fire Department. This smaller, older building was first expanded in approximately 1975 for the Fire Department, and then was expanded again and converted into the library in 1986. As part of the 1986 expansion and conversion to the library, two USTs were removed from this site, a 1,000-gallon UST previously located along the western exterior wall of the fire station and a 10,000-gallon UST previously located southwest of the original fire station building. Although the 1,000-gallon UST is identified on old architectural drawings as a gasoline UST, a March 1986 San Mateo County field observation record des

[Click here to access the California GeoTracker records for this facility:](#)

Contact:
Global Id: T0608100909
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRADE SEPARATION (Continued)

S107410884

Global Id: T0608100909
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100909
Status: Open - Verification Monitoring
Status Date: 11/27/2006

Global Id: T0608100909
Status: Completed - Case Closed
Status Date: 08/24/2010

Global Id: T0608100909
Status: Open - Case Begin Date
Status Date: 04/02/1996

Global Id: T0608100909
Status: Open - Site Assessment
Status Date: 11/27/1996

Regulatory Activities:

Global Id: T0608100909
Action Type: ENFORCEMENT
Date: 08/05/2009
Action: Staff Letter - #20090805

Global Id: T0608100909
Action Type: ENFORCEMENT
Date: 01/28/2005
Action: Staff Letter - #20050128

Global Id: T0608100909
Action Type: ENFORCEMENT
Date: 05/03/2005
Action: Meeting

Global Id: T0608100909
Action Type: ENFORCEMENT
Date: 05/03/2005
Action: Staff Letter - #20050503

Global Id: T0608100909
Action Type: ENFORCEMENT
Date: 01/31/2005
Action: Staff Letter - #20050131

Global Id: T0608100909
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRADE SEPARATION (Continued)

S107410884

Global Id: T0608100909
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100909
Action Type: ENFORCEMENT
Date: 07/11/1996
Action: Notice of Responsibility - #19960711

Global Id: T0608100909
Action Type: ENFORCEMENT
Date: 11/03/2005
Action: Staff Letter - #20051103

Global Id: T0608100909
Action Type: ENFORCEMENT
Date: 11/27/2006
Action: Staff Letter - #20061127

Global Id: T0608100909
Action Type: RESPONSE
Date: 07/13/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608100909
Action Type: RESPONSE
Date: 07/13/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608100909
Action Type: RESPONSE
Date: 02/28/2006
Action: Soil and Water Investigation Report

Global Id: T0608100909
Action Type: RESPONSE
Date: 12/27/2006
Action: Other Report / Document

Global Id: T0608100909
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0608100909
Action Type: ENFORCEMENT
Date: 08/24/2010
Action: Closure/No Further Action Letter - #20100824

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330141
Facility Status: 9- Case Closed
Global ID: T0608100909
APN Number: 053134010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRADE SEPARATION (Continued)

S107410884

Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

AL199
WNW
1/4-1/2
0.478 mi.
2525 ft.

U.S. POSTAL SERVICE
855 JEFFERSON
REDWOOD CITY, CA 94063

LUST **S102439430**
N/A

Site 2 of 3 in cluster AL

Relative:
Lower

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330070
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

Actual:
13 ft.

AL200
WNW
1/4-1/2
0.478 mi.
2525 ft.

REDWOOD CITY POST OFFICE
855 JEFFERSON AVE
REDWOOD CITY, CA 94063

HIST CORTESE **S103892994**
LUST **N/A**
SWEEPS UST

Site 3 of 3 in cluster AL

Relative:
Lower

HIST CORTESE:

Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0582

Actual:
13 ft.

LUST:

Region: STATE
Global Id: T0608100556
Latitude: 37.485506
Longitude: -122.227647
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/22/1996
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0582
LOC Case Number: 330070
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY POST OFFICE (Continued)

S103892994

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608100556
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100556
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608100556
Status: Open - Case Begin Date
Status Date: 04/02/1990

Global Id: T0608100556
Status: Completed - Case Closed
Status Date: 04/22/1996

Regulatory Activities:

Global Id: T0608100556
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608100556
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100556
Action Type: ENFORCEMENT
Date: 02/27/1992
Action: Notice of Responsibility - #1

Global Id: T0608100556
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330070

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD CITY POST OFFICE (Continued)

S103892994

Facility Status: 9- Case Closed
Global ID: T0608100556
APN Number: 053131190
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SWEEPS UST:

Status: Not reported
Comp Number: 330152
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330152-000001
Tank Status: Not reported
Capacity: 15000
Active Date: Not reported
Tank Use: OIL
STG: PRODUCT
Content: BUNKER C BOI
Number Of Tanks: 1

Status: Active
Comp Number: 330152
Number: 7
Board Of Equalization: Not reported
Referral Date: 04-07-94
Action Date: 04-07-94
Created Date: 06-19-90
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

201
WNW
1/4-1/2
0.479 mi.
2530 ft.

**PG AND E GAS PLANT REDWOOD CITY
E MARSHALL, WASHINGTON, BROADWAY
REDWOOD CITY, CA 94063**

**EDR MGP 1008407742
N/A**

Relative: Manufactured Gas Plants:
Lower No additional information available

Actual:
8 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM202
WNW
1/4-1/2
0.491 mi.
2592 ft.

CITY CENTER PARKING
750 MARSHALL
REDWOOD CITY, CA 94063

Site 1 of 3 in cluster AM

HIST CORTESE
LUST

S103893024
N/A

Relative: HIST CORTESE:
Lower Region: CORTESE
Facility County Code: 41
Actual: Reg By: LTNKA
8 ft. Reg Id: 41-0701

LUST:
Region: STATE
Global Id: T0608100667
Latitude: 37.4876233
Longitude: -122.2270604
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/12/1997
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0701
LOC Case Number: 330107
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:
Global Id: T0608100667
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100667
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0608100667
Status: Completed - Case Closed
Status Date: 06/12/1997

Global Id: T0608100667
Status: Open - Case Begin Date
Status Date: 11/09/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY CENTER PARKING (Continued)

S103893024

Regulatory Activities:

Global Id: T0608100667
Action Type: ENFORCEMENT
Date: 11/17/1992
Action: Notice of Responsibility - #1

Global Id: T0608100667
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100667
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330107
Facility Status: 9- Case Closed
Global ID: T0608100667
APN Number: Not reported
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

AM203
WNW
1/4-1/2
0.491 mi.
2592 ft.

**CITY CENTER PARKING
750 MARSHALL
REDWOOD CITY, CA 94063**

Site 2 of 3 in cluster AM

**LUST S101593813
CA FID UST N/A
SWEEPS UST**

**Relative:
Lower**

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330107
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

**Actual:
8 ft.**

CA FID UST:

Facility ID: 4100636
Regulated By: UTKNI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4157807380

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY CENTER PARKING (Continued)

S101593813

Mail To: Not reported
Mailing Address: 750 MARSHALL ST.
Mailing Address 2: Not reported
Mailing City,St,Zip: REDWOOD CITY 94063
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

SWEEPS UST:

Status: Not reported
Comp Number: 330202
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-330202-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 1

AN204
WSW
1/4-1/2
0.496 mi.
2619 ft.

FIRESTONE STORE #3671
1458 EL CAMINO REAL
REDWOOD CITY, CA 94063
Site 1 of 2 in cluster AN

LUST 1000223045
N/A

Relative:
Higher

LUST REG 2:

Actual:
18 ft.

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 330180
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AN205 FIRESTONE COMPLETE AUTO CARE # 3671
WSW 1458 EL CAMINO REAL
1/4-1/2 REDWOOD CITY, CA 94063
0.496 mi.
2619 ft. Site 2 of 2 in cluster AN

LUST U001594556
HIST UST N/A
San Mateo Co. BI

Relative:
Higher

LUST:

Actual:
18 ft.

Region: STATE
Global Id: T0608192795
Latitude: 37.480737
Longitude: -122.2278797
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/03/2001
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-1264
LOC Case Number: 330180
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608192795
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608192795
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608192795
Status: Completed - Case Closed
Status Date: 01/03/2001

Global Id: T0608192795
Status: Open - Case Begin Date
Status Date: 03/04/1999

Regulatory Activities:

Global Id: T0608192795
Action Type: ENFORCEMENT
Date: 03/30/1999
Action: Notice of Responsibility - #1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRESTONE COMPLETE AUTO CARE # 3671 (Continued)

U001594556

Global Id: T0608192795
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330180
Facility Status: 9- Case Closed
Global ID: T0608192795
APN Number: 053064190
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

HIST UST:

Region: STATE
Facility ID: 00000005847
Facility Type: Other
Other Type: AUTO SVC. CENTER
Total Tanks: 0001
Contact Name: GARY SPIVEY
Telephone: 4153641900
Owner Name: FIRESTONE TIRE & RUBBER CO.
Owner Address: 1200 FIRESTONE PARKWAY
Owner City,St,Zip: AKRON, OH 44317

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Visual

San Mateo Co. BI:

Region: SAN MATEO
Facility ID: FA0017291
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0024865
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

Region: SAN MATEO
Facility ID: FA0017291
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0003812
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF

Region: SAN MATEO
Facility ID: FA0017291
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022386
Description: UNDERGROUND TANK - GENERAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

206
East
1/2-1
0.507 mi.
2679 ft.

**KLIKLOK CO. (BUILDING #4)
2661 SPRING
REDWOOD CITY, CA 90000**

**HIST CORTESE S101482216
ENVIROSTOR N/A**

**Relative:
Higher**

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: CALSI
Reg Id: 41340063

**Actual:
16 ft.**

ENVIROSTOR:

Facility ID: 41340063
Status: Inactive - Needs Evaluation
Status Date: 10/25/2005
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: < 1
NPL: NO
Regulatory Agencies: SMBRP, SAN MATEO COUNTY
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 24
Senate: 13
Special Program: * CERC2
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.48264
Longitude: -122.2080
APN: 054161130
Past Use: METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC: Aluminum Cadmium and compounds Chromium III Copper and compounds
Cyanide (free Nickel)
Confirmed COC: Aluminum Cadmium and compounds Chromium III Copper and compounds
Cyanide (free Nickel)
Potential Description: OTH, SOIL
Alias Name: SUNSET PLATING INC
Alias Type: Alternate Name
Alias Name: 054161130
Alias Type: APN
Alias Name: 41340063
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/15/1981
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 11/04/1988

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KLIKLOK CO. (BUILDING #4) (Continued)

S101482216

Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 05/20/1987
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 04/22/2002
 Comments: Site screening completed. Preliminary endangerment assessment required.

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

207
East
1/2-1
0.524 mi.
2765 ft.

UNKNOWN
860 HURLINGAMES
REDWOOD CITY, CA 92257

Notify 65 **S100179087**
N/A

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: 92257

Actual:
14 ft.

AM208
WNW
1/2-1
0.542 mi.
2862 ft.

PG&E, REDWOOD CITY
675 JEFFERSON AVENUE
REDWOOD CITY, CA 94063

VCP **S109548335**
ENVIROSTOR **N/A**

Site 3 of 3 in cluster AM

Relative:
Lower

VCP:
 Facility ID: 60001090
 Site Type: Voluntary Cleanup
 Site Type Detail: Voluntary Cleanup
 Site Mgmt. Req.: NONE SPECIFIED
 Acres: 0.52
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP
 Lead Agency: SMBRP
 Lead Agency Description: DTSC - Site Cleanup Program
 Project Manager: Lori Koch

Actual:
9 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PG&E, REDWOOD CITY (Continued)

S109548335

Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Site Code: 201842
Assembly: 22
Senate: 13
Special Programs Code: Not reported
Status: Active
Status Date: 04/28/2009
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.488 / -122.228
APN: 052-373-030, 052373030
Past Use: MANUFACTURED GAS PLANT
Potential COC: 30001, 30019, 30025, 3002502
Confirmed COC: 30001-NO,30019-NO,30025-NO,3002502-NO
Potential Description: CSS, IA, SOIL, SV
Alias Name: 052-373-030
Alias Type: APN
Alias Name: 052373030
Alias Type: APN
Alias Name: 201842
Alias Type: Project Code (Site Code)
Alias Name: 60001090
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 01/11/2010
Comments: The Site Characterization Workplan for the initial round of investigation has been reviewed and approved. Sixteen borings will be drilled to collect groundwater, soil and soil gas samples on the Site property. Work will be done during the MLK Holiday weekend and the following weekend. A Work Notice was sent out on January 11, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/05/2010
Comments: The collection of soil, grab groundwater and soil gas samples was completed on February 5, 2010. This is a preliminary phase of sampling and the results will be used to plan a further round of investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/11/2010
Comments: The Work Notice was mailed out on Monday, January 11, 2010.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PG&E, REDWOOD CITY (Continued)

S109548335

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/15/2010
Comments: The Community Profile is for a former PG&E gas holder site located at 675 Jefferson Street in Redwood City, California. The purpose of this community profile is to: 1) provide a description of the site and the community in which it is located, 2) determine initial community interest in investigation and cleanup activities, and 3) recommend future public participation activities to ensure that interested community members are kept informed about the site investigation and cleanup process.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/22/2011
Comments: A work notice dated 7-20-2011 was mailed out. Work to be done Saturday 1 PM to 10 PM _ July 23, 30, August 6 and Sundays July 24, 31, August 7 from 8 AM to 10 PM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/07/2011
Comments: Field work was completed on July 31, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 01/22/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 06/22/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 03/14/2013
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PG&E, REDWOOD CITY (Continued)

S109548335

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/16/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/12/2011
Comments: Sent out annual cost estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/27/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/12/2009
Comments: The Voluntary Cleanup Agreement (VCA) between PG&E and DTSC has been signed by both parties. The VCA provides for DTSC oversight of the investigation, assessment, and remediation activities related to historic activities conducted at the site prior to development of the current facilities on the property.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2016
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Public Notice
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Fact Sheets
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: CEQA - Notice of Exemption
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PG&E, REDWOOD CITY (Continued)

S109548335

Future Due Date: 2017
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 60001090
Status: Active
Status Date: 04/28/2009
Site Code: 201842
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.52
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lori Koch
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.488
Longitude: -122.228
APN: 052-373-030, 052373030
Past Use: MANUFACTURED GAS PLANT
Potential COC: Arsenic Polynuclear aromatic hydrocarbons (PAHs TPH-gas TPH-MOTOR OIL
Not reported
Confirmed COC: 30001-NO 30019-NO 30025-NO 3002502-NO
Potential Description: CSS, IA, SOIL, SV
Alias Name: 052-373-030
Alias Type: APN
Alias Name: 052373030
Alias Type: APN
Alias Name: 201842
Alias Type: Project Code (Site Code)
Alias Name: 60001090
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 01/11/2010
Comments: The Site Characterization Workplan for the initial round of investigation has been reviewed and approved. Sixteen borings will be drilled to collect groundwater, soil and soil gas samples on the Site property. Work will be done during the MLK Holiday weekend and the following weekend. A Work Notice was sent out on January 11, 2010.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PG&E, REDWOOD CITY (Continued)

S109548335

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/05/2010
Comments: The collection of soil, grab groundwater and soil gas samples was completed on February 5, 2010. This is a preliminary phase of sampling and the results will be used to plan a further round of investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/11/2010
Comments: The Work Notice was mailed out on Monday, January 11, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/15/2010
Comments: The Community Profile is for a former PG&E gas holder site located at 675 Jefferson Street in Redwood City, California. The purpose of this community profile is to: 1) provide a description of the site and the community in which it is located, 2) determine initial community interest in investigation and cleanup activities, and 3) recommend future public participation activities to ensure that interested community members are kept informed about the site investigation and cleanup process.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/22/2011
Comments: A work notice dated 7-20-2011 was mailed out. Work to be done Saturday 1 PM to 10 PM _ July 23, 30, August 6 and Sundays July 24, 31, August 7 from 8 AM to 10 PM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/07/2011
Comments: Field work was completed on July 31, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/11/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PG&E, REDWOOD CITY (Continued)

S109548335

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 01/22/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 06/22/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 03/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/16/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/12/2011
Comments: Sent out annual cost estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/27/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/12/2009
Comments: The Voluntary Cleanup Agreement (VCA) between PG&E and DTSC has been signed by both parties. The VCA provides for DTSC oversight of the investigation, assessment, and remediation activities related to historic activities conducted at the site prior to development of the current facilities on the property.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PG&E, REDWOOD CITY (Continued)

S109548335

Future Due Date: 2015
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Remedial Action Completion Report
 Future Due Date: 2016
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Public Notice
 Future Due Date: 2015
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Fact Sheets
 Future Due Date: 2015
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: CEQA - Notice of Exemption
 Future Due Date: 2015
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Certification
 Future Due Date: 2017
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

209
SE
 1/2-1
 0.561 mi.
 2960 ft.

COORS WEST
2700 MIDDLEFIELD ROAD
REDWOOD CITY, CA 92257

Notify 65 **S100179570**
N/A

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: 92257

Actual:
25 ft.

210
NW
 1/2-1
 0.561 mi.
 2964 ft.

BRADFORD STREET PARCELS
707 BRADFORD STREET
REDWOOD CITY, CA 94063

VCP **S108974338**
ENVIROSTOR **N/A**

Relative:
Lower

VCP:
 Facility ID: 60000784
 Site Type: Voluntary Cleanup
 Site Type Detail: Voluntary Cleanup
 Site Mgmt. Req.: NONE SPECIFIED
 Acres: 1
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP, SAN MATEO COUNTY
 Lead Agency: SMBRP

Actual:
8 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADFORD STREET PARCELS (Continued)

S108974338

Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Charles (Chip) Gribble
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Site Code: 201775
Assembly: 22
Senate: 13
Special Programs Code: Polanco Redevelopment MOA
Status: Inactive - Needs Evaluation
Status Date: 03/28/2012
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.48911 / -122.2273
APN: 052-372-170, 052-372-200, 052-372-240, 052-372-999, 052372200
Past Use: LDF
Potential COC: 30019
Confirmed COC: 30019
Potential Description: OTH, SOIL, SURFW
Alias Name: 052-372-170
Alias Type: APN
Alias Name: 052-372-200
Alias Type: APN
Alias Name: 052-372-240
Alias Type: APN
Alias Name: 052-372-999
Alias Type: APN
Alias Name: 052372200
Alias Type: APN
Alias Name: 110033619207
Alias Type: EPA (FRS #)
Alias Name: SL0608123721
Alias Type: GeoTracker Global ID
Alias Name: 201775
Alias Type: Project Code (Site Code)
Alias Name: 60000784
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/24/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/18/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADFORD STREET PARCELS (Continued)

S108974338

Completed Document Type: Technical Report
Completed Date: 04/17/2006
Comments: DTSC received this document as part of the MOA application and the EOA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/28/2004
Comments: DTSC received this Phase I Report as part of the MOA application and the EOA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/26/2004
Comments: DTSC received this report as part of the MOA application and the EOA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 04/19/2010
Comments: Based on GSU's comments on Reports submitted for review, some chemicals of concern exist above screening levels on Site. Redwood City Redevelopment Agency agrees to perform pump test to determine GW use. A new risk assessment is subject to the pump test results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 11/18/2010
Comments: Approval ltr send.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/03/1979
Comments: Soil report submitted with EOA on Feb. 18, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/09/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 09/19/2007
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADFORD STREET PARCELS (Continued)

S108974338

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 01/18/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 05/08/2008
Comments: Final Signed Document signed May 8, 2008.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 60000784
Status: Inactive - Needs Evaluation
Status Date: 03/28/2012
Site Code: 201775
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP, SAN MATEO COUNTY
Lead Agency: SMBRP
Program Manager: Charles (Chip) Gribble
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Polanco Redevelopment MOA
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.48911
Longitude: -122.2273
APN: 052-372-170, 052-372-200, 052-372-240, 052-372-999, 052372200
Past Use: LDF
Potential COC: Polynuclear aromatic hydrocarbons (PAHs)
Confirmed COC: Polynuclear aromatic hydrocarbons (PAHs)
Potential Description: OTH, SOIL, SURFW
Alias Name: 052-372-170
Alias Type: APN
Alias Name: 052-372-200
Alias Type: APN
Alias Name: 052-372-240
Alias Type: APN
Alias Name: 052-372-999
Alias Type: APN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADFORD STREET PARCELS (Continued)

S108974338

Alias Name: 052372200
Alias Type: APN
Alias Name: 110033619207
Alias Type: EPA (FRS #)
Alias Name: SL0608123721
Alias Type: GeoTracker Global ID
Alias Name: 201775
Alias Type: Project Code (Site Code)
Alias Name: 60000784
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/24/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/18/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/17/2006
Comments: DTSC received this document as part of the MOA application and the EOA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/28/2004
Comments: DTSC received this Phase I Report as part of the MOA application and the EOA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/26/2004
Comments: DTSC received this report as part of the MOA application and the EOA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 04/19/2010
Comments: Based on GSU's comments on Reports submitted for review, some chemicals of concern exist above screening levels on Site. Redwood City Redevelopment Agency agrees to perform pump test to determine GW use. A new risk assessment is subject to the pump test results.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADFORD STREET PARCELS (Continued)

S108974338

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 11/18/2010
Comments: Approval ltr send.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/03/1979
Comments: Soil report submitted with EOA on Feb. 18, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/09/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 09/19/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 01/18/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 05/08/2008
Comments: Final Signed Document signed May 8, 2008.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AO211 **PRESSURE VESSEL SERVICE, INC**
North **50 CHEMICAL WAY**
1/2-1 **REDWOOD CITY, CA 94063**
0.569 mi.
3002 ft. **Site 1 of 3 in cluster AO**

HIST UST **U001594594**
EMI **N/A**
ENVIROSTOR

Relative:
Lower

HIST UST:
Region: STATE
Facility ID: 00000008438
Facility Type: Other
Other Type: CHEMICAL DISTRIBUTOR
Total Tanks: 0002
Contact Name: Not reported
Telephone: 4153631661
Owner Name: PRESSURE VESSEL
Owner Address: SERVICE INC.
Owner City,St,Zip: REDWOOD CITY, CA 94063

Actual:
13 ft.

Tank Num: 001
Container Num: 1
Year Installed: 1982
Tank Capacity: 00005000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 2 inches
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1968
Tank Capacity: 00001200
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 10 gauge
Leak Detection: Visual

EMI:

Year: 1995
County Code: 41
Air Basin: SF
Facility ID: 7431
Air District Name: BA
SIC Code: 2819
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

ENVIROSTOR:

Facility ID: 71003307
Status: Inactive - Needs Evaluation
Status Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESSURE VESSEL SERVICE, INC (Continued)

U001594594

Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.49209
Longitude: -122.2190
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000108225
Alias Type: EPA Identification Number
Alias Name: 71003307
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AO212
North
1/2-1
0.576 mi.
3043 ft.

SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC
70 CHEMICAL WAY
REDWOOD CITY, CA 94063
Site 2 of 3 in cluster AO

RCRA-LQG 1000277577
HIST CORTESE CAD981383987
SLIC
HIST UST
DEED
RESPONSE
ENVIROSTOR

Relative:
Higher

RCRA-LQG:

Actual:
14 ft.

Date form received by agency: 09/20/2012
Facility name: SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC
Facility address: 70 CHEMICAL WAY
REDWOOD CITY, CA 94063

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC (Continued)

1000277577

EPA ID: CAD981383987
Mailing address: 400 COUNTY CENTER
REDWOOD CITY, CA 94063
Contact: DEBORAH BAZAN
Contact address: 400 COUNTY CENTER
REDWOOD CITY, CA 94063
Contact country: US
Contact telephone: 650-508-6721
Contact email: DBAZAN@SMCGOV.ORG
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: SAN MATEO CNTY
Owner/operator address: 400 COUNTY CENTER
REDWOOD CITY, CA 94063
Owner/operator country: US
Owner/operator telephone: 650-508-6721
Legal status: County
Owner/Operator Type: Owner
Owner/Op start date: 12/01/2011
Owner/Op end date: Not reported

Owner/operator name: SAN MATEO CNTY SHERIFFS OFFICE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: County
Owner/Operator Type: Operator
Owner/Op start date: 12/01/2011
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC (Continued)

1000277577

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/26/2000
Site name: H K 2, INC
Classification: Small Quantity Generator

Date form received by agency: 12/26/2000
Site name: H K 2, INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: 611
Waste name: 611

Waste code: D037
Waste name: PENTRACHLOROPHENOL

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F021
Waste name: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF PENTACHLOROPHENOL, OR OF INTERMEDIATES USED TO PRODUCE ITS

Map ID
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Elevation

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SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC (Continued)

1000277577

DERIVATIVES.

Waste code: F027
Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT).

Violation Status: No violations found

HIST CORTESE:

Region: CORTESE
Facility County Code: 41
Reg By: CALSI
Reg Id: 41280076

SLIC:

Region: STATE
Facility Status: Open - Site Assessment
Status Date: 01/01/2003
Global Id: SL18340760
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.493353
Longitude: -122.218585
Case Type: Cleanup Program Site
Case Worker: RL
Local Agency: SAN MATEO COUNTY
RB Case Number: 41S0008
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: * Volatile Organic Compounds (VOC)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

HIST UST:

Region: STATE
Facility ID: 00000020413
Facility Type: Other
Other Type: Not reported
Total Tanks: 0001
Contact Name: Not reported
Telephone: 4153653300
Owner Name: WILLARD PRODUCTS
Owner Address: 70 CHEMICAL WAY
Owner City,St,Zip: REDWOOD CITY, CA 94063

Tank Num: 001
Container Num: 1
Year Installed: 1969
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 2 inches
Leak Detection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC (Continued)

1000277577

DEED:

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Upload: Not reported
Deed Date(s): 08/03/1990
EDR Link ID: 41280076

RESPONSE:

Facility ID: 41280076
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 2.3
National Priorities List: NO
Cleanup Oversight Agencies: RWQCB 2 - San Francisco Bay
Lead Agency Description: RWQCB 2 - San Francisco Bay
Project Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 200110
Site Mgmt. Req.: REM, DAY, ELD, HOS, FEN, GW, NOWN, NDAM, EXT, SCH, RES
Assembly: 22
Senate: 13
Special Program Status: Not reported
Status: Certified O&M - Land Use Restrictions Only
Status Date: 08/11/2011
Restricted Use: YES
Funding: Responsible Party
Latitude: 37.49274
Longitude: -122.2187
APN: 052-392-200, 052392200
Past Use: MANUFACTURING - CHEMICALS
Potential COC : Benzene Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas Ethylbenzene Methyl ethyl ketone (2-Butanone Pentachlorophenol Toluene Xylenes
Confirmed COC: Toluene Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas Ethylbenzene Methyl ethyl ketone (2-Butanone Pentachlorophenol Benzene Xylenes
Potential Description: OTH, SOIL
Alias Name: ENVIRO SAFE, INC.
Alias Type: Alternate Name
Alias Name: KONA VENTURES, LLC
Alias Type: Alternate Name
Alias Name: LUX CHEMICAL CORPORATION
Alias Type: Alternate Name
Alias Name: MASOOD KHALID
Alias Type: Alternate Name
Alias Name: WILLIAM SCHOENFELD
Alias Type: Alternate Name
Alias Name: 052-392-200
Alias Type: APN
Alias Name: 052392200
Alias Type: APN
Alias Name: 110002146393

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC (Continued)

1000277577

Alias Type: EPA (FRS #)
Alias Name: P22056
Alias Type: PCode
Alias Name: 200110
Alias Type: Project Code (Site Code)
Alias Name: 41280076
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/15/2007
Comments: Site conditions observed at the property comply with the deed restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/10/2008
Comments: Significant cracks were observed in the north west and northern portion of the property. There was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 08/05/2011
Comments: Significant deterioration/cracking was observed on the cap east and north of the building. There was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/30/2012
Comments: DTSC conducted its annual site visit to check the condition of the asphalt cap over contaminated soil and to verify compliance with the restrictions and requirements of the Land Use Covenant. Numerous cracks were observed during the inspection and two areas in the cap have significant deterioration/cracking. However, repair may not be necessary due to the development that is planned on the site. There was no evidence of any activities prohibited by the Land Use Covenant.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC (Continued)

1000277577

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/30/2009
Comments: Cracks were observed in the north west and northern portions of the property. The RP is notified to repair the cracks. There was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/28/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 02/15/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/19/2013
Comments: The email conveys DTSC's input on and questions regarding the Completion Report for the San Mateo County Replacement Correctional Facility. The Regional Water Quality Control Board requested DTSC's input prior to approving the report, which documents the excavation and disposal of contaminated soil from the 70 Chemical Way property prior to construction of the new correctional facility. The Completion Report can be found on the Geotracker database (ID # SL18340760).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/30/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 01/30/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Engineering Evaluation / Cost Analysis - Non-Time Critical
Completed Date: 04/30/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/06/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE

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Database(s)

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EPA ID Number

SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC (Continued)

1000277577

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/13/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 10/22/1984
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 10/20/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/03/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 41280076
Status: Certified O&M - Land Use Restrictions Only
Status Date: 08/11/2011
Site Code: 200110
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 2.3
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: YES

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EDR ID Number
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SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC (Continued)

1000277577

Site Mgmt Req: REM, DAY, ELD, HOS, FEN, GW, NOWN, NDAM, EXT, SCH, RES
Funding: Responsible Party
Latitude: 37.49274
Longitude: -122.2187
APN: 052-392-200, 052392200
Past Use: MANUFACTURING - CHEMICALS
Potential COC: Benzene Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas
Ethylbenzene Methyl ethyl ketone (2-Butanone Pentachlorophenol
Toluene Xylenes
Confirmed COC: Toluene Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas
Ethylbenzene Methyl ethyl ketone (2-Butanone Pentachlorophenol
Benzene Xylenes
Potential Description: OTH, SOIL
Alias Name: ENVIRO SAFE, INC.
Alias Type: Alternate Name
Alias Name: KONA VENTURES, LLC
Alias Type: Alternate Name
Alias Name: LUX CHEMICAL CORPORATION
Alias Type: Alternate Name
Alias Name: MASOOD KHALID
Alias Type: Alternate Name
Alias Name: WILLIAM SCHOENFELD
Alias Type: Alternate Name
Alias Name: 052-392-200
Alias Type: APN
Alias Name: 052392200
Alias Type: APN
Alias Name: 110002146393
Alias Type: EPA (FRS #)
Alias Name: P22056
Alias Type: PCode
Alias Name: 200110
Alias Type: Project Code (Site Code)
Alias Name: 41280076
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/15/2007
Comments: Site conditions observed at the property comply with the deed restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/10/2008
Comments: Significant cracks were observed in the north west and northern portion of the property. There was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 08/05/2011
Comments: Significant deterioration/cracking was observed on the cap east and north of the building. There was no evidence of any activities

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SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC (Continued)

1000277577

prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/30/2012
Comments: DTSC conducted its annual site visit to check the condition of the asphalt cap over contaminated soil and to verify compliance with the restrictions and requirements of the Land Use Covenant. Numerous cracks were observed during the inspection and two areas in the cap have significant deterioration/cracking. However, repair may not be necessary due to the development that is planned on the site. There was no evidence of any activities prohibited by the Land Use Covenant.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/30/2009
Comments: Cracks were observed in the north west and northern portions of the property. The RP is notified to repair the cracks. There was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/28/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 02/15/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/19/2013
Comments: The email conveys DTSC's input on and questions regarding the Completion Report for the San Mateo County Replacement Correctional Facility. The Regional Water Quality Control Board requested DTSC's input prior to approving the report, which documents the excavation and disposal of contaminated soil from the 70 Chemical Way property prior to construction of the new correctional facility. The

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SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC (Continued)

1000277577

Completion Report can be found on the Geotracker database (ID # SL18340760).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/30/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 01/30/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Engineering Evaluation / Cost Analysis - Non-Time Critical
Completed Date: 04/30/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/06/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/13/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 10/22/1984
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 10/20/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/03/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: Not reported

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MAP FINDINGS

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EPA ID Number

SAN MATEO CNTY REPLACEMENT CORRECTIONAL FAC (Continued)

1000277577

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AO213
North
1/2-1
0.576 mi.
3043 ft.

WILLARD PRODUCTS
70 CHEMICAL WAY
REDWOOD CITY, CA 94063
Site 3 of 3 in cluster AO

SSTS 1005439790
CA BOND EXP. PLAN N/A

Relative:
Higher

SSTS:

Actual:
14 ft.

Product: COPPER GREEN
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1990
Permit: Registered
Product Number: 00963900002
Product Type: End-use blend, formulation, or concentrate
Product Class: Fungicide
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: COPPERNATE 250
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1990
Permit: Registered
Product Number: 00147600001
Product Type: End-use blend, formulation, or concentrate
Product Class: Fungicide
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: GERMICIDAL SOLUTION
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1990
Permit: Registered
Product Number: 00963900018
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WILLARD PRODUCTS (Continued)

1005439790

Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: GERMICIDE AQUEOUS
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1990
Permit: Registered
Product Number: 00093900017
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: W/B COPPER GREEN 2%
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1990
Permit: Registered
Product Number: 00963000017
Product Type: End-use blend, formulation, or concentrate
Product Class: Fungicide
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: W/B ZINC TREAT 2%
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1990
Permit: Registered
Product Number: 00963000018
Product Type: End-use blend, formulation, or concentrate
Product Class: Fungicide
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: ZINC TREAT 3%
Contact: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLARD PRODUCTS (Continued)

1005439790

Status: Active
Registration Number: 009639CA 001
Report Year: 1990
Permit: Registered
Product Number: 00963900016
Product Type: End-use blend, formulation, or concentrate
Product Class: Other Pesticides (includes insect repellents such as DEET)
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: COPPER GREEN
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1991
Permit: Registered
Product Number: 00963900002
Product Type: End-use blend, formulation, or concentrate
Product Class: Fungicide
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: COPPERNATE 250
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1991
Permit: Registered
Product Number: 00047600001
Product Type: End-use blend, formulation, or concentrate
Product Class: Fungicide
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: GERMICIDAL AQUEOUS
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1991
Permit: Registered
Product Number: 00963900017
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
UOM: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLARD PRODUCTS (Continued)

1005439790

Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: GERMICIDAL SOLUTION
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1991
Permit: Registered
Product Number: 00963900018
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: W/B COPPER GREEN
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1991
Permit: Registered
Product Number: 00963000017
Product Type: End-use blend, formulation, or concentrate
Product Class: Fungicide
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: W/B ZINC TREAT
Contact: Not reported
Status: Active
Registration Number: 009639CA 001
Report Year: 1991
Permit: Registered
Product Number: 00963000018
Product Type: End-use blend, formulation, or concentrate
Product Class: Fungicide
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States
Region: Not reported
Zero product: Not reported
Pesticide RUP report: Not reported

Product: ZINC TREAT
Contact: Not reported
Status: Active
Registration Number: 009639CA 001

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLARD PRODUCTS (Continued)

1005439790

Report Year: 1991
 Permit: Registered
 Product Number: 00963900016
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Other Pesticides (includes insect repellents such as DEET)
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

CA BOND EXP. PLAN:

Reponsible Party: RESPONSIBLE PARTY-LEAD SITE CLEANUP WORKPLAN
 Project Revenue Source Company: Not reported
 Project Revenue Source Addr: Not reported
 Project Revenue Source City,St,Zip: Not reported
 Project Revenue Source Desc: DHS and Willard Products signed a settlement agreement October 22, 1984. DHS has budgeted \$70,000 for oversight activities.
 Site Description: Willard Products is an active chemical storage, repackaging and mixing firm. The firm has been operating at the site since 1967. The site is built on fill deposited on bay muds and is located 1,200 feet southeast of Redwood Creek and two miles southwest of San Francisco Bay.
 Hazardous Waste Desc: Pentachlorophenol (PCP), acetone, xylene and polynuclear aromatics (PNAs) have been detected in soil samples. The ground water has been contaminated with xylene, methyl ethyl ketone, methanol, acetone and PNAs.
 Threat To Public Health & Env: The ground water table has been contaminated. However, there are no public wells in Redwood City, and it is extremely unlikely that the ground water could be developed into a potable water supply.
 Site Activity Status: The RAP for this site is being finalized. The responsible parties will be implementing the RAP which consists of a ground water extraction and treatment systems, ongoing ground water monitoring and capping of the site.

214
 NNW
 1/2-1
 0.678 mi.
 3580 ft.

**FORMER FRANK'S TANNERY
 1548 MAPLE STREET
 REDWOOD CITY, CA 94063**

**LUST S103632855
 SLIC N/A
 CHMIRS
 ENVIROSTOR**

**Relative:
 Lower**

LUST:
 Region: STATE
 Global Id: T0608101082
 Latitude: 37.494518
 Longitude: -122.2222
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 09/27/1990
 Lead Agency: SAN MATEO COUNTY LOP
 Case Worker: DGM
 Local Agency: SAN MATEO COUNTY LOP
 RB Case Number: 41-1184
 LOC Case Number: 330022
 File Location: Local Agency
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Not reported
 Site History: Not reported

**Actual:
 8 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER FRANK'S TANNERY (Continued)

S103632855

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608101082
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608101082
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Status History:

Global Id: T0608101082
Status: Open - Case Begin Date
Status Date: 07/10/1990

Global Id: T0608101082
Status: Completed - Case Closed
Status Date: 09/27/1990

Regulatory Activities:

Global Id: T0608101082
Action Type: ENFORCEMENT
Date: 07/10/1990
Action: Notice of Responsibility - #1

Global Id: T0608101082
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:

Region: SAN MATEO
Facility ID: 330022
Facility Status: 9- Case Closed
Global ID: T0608101082
APN Number: Not reported
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 10/12/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER FRANK'S TANNERY (Continued)

S103632855

Global Id: T10000003443
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.4944221273787
Longitude: -122.221999168396
Case Type: Cleanup Program Site
Case Worker: RL
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41S0194
File Location: Not reported
Potential Media Affected: Soil
Potential Contaminants of Concern: Polynuclear aromatic hydrocarbons (PAHs)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

CHMIRS:

OES Incident Number: '08-5471
OES notification: 07/27/2008
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: 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: Not reported
Waterway Involved: Yes
Waterway: San Francisco Bay
Spill Site: Waterways
Cleanup By: Unknown
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Sheen
Other: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER FRANK'S TANNERY (Continued)

S103632855

Date/Time: 0932
Year: 2008
Agency: NRC
Incident Date: 7/27/2008
Admin Agency: San Mateo County Environmental Health
Amount: Not reported
Contained: Unknown
Site Type: San Francisco Bay
E Date: Not reported
Substance: Sheen
Quantity Released: 20 ft x 75
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
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
Description: Per the NRC report, Caller is reporting an unknown sheen that is unrecoverable.

ENVIROSTOR:

Facility ID: 60001000
Status: No Further Action
Status Date: 06/30/2010
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.11
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 37.49477
Longitude: -122.2215
APN: 052532010
Past Use: UNKNOWN
Potential COC: Under Investigation
Confirmed COC: 31001-NO
Potential Description: UE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER FRANK'S TANNERY (Continued)

S103632855

Alias Name: 052532010
Alias Type: APN
Alias Name: 60001000
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/30/2010
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

215
NNE
1/2-1
0.686 mi.
3622 ft.

**ANODIZERS INC
1709 E BAYSHORE RD
REDWOOD CITY, CA 94063**

**ENVIROSTOR S103635674
WDS N/A**

Relative:
Lower

ENVIROSTOR:

Facility ID: 71002962
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982015455
Alias Type: EPA Identification Number
Alias Name: 110002146384

Actual:
11 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANODIZERS INC (Continued)

S103635674

Alias Type: EPA (FRS #)
Alias Name: 71002962
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CA WDS:

Facility ID: San Francisco Bay 411003737
Facility Type: Not reported
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: Not reported
Facility Contact: Not reported
Agency Name: ANODIZERS INC
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Not reported
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ANODIZERS INC (Continued)

S103635674

cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

216
 NW
 1/2-1
 0.793 mi.
 4187 ft.

**LIMA REALTY GROUP
 350 CONVENTION WAY
 REDWOOD CITY, CA 92257**

**CHMIRS S100178866
 Notify 65 N/A
 EMI**

**Relative:
 Lower**

CHMIRS:

**Actual:
 2 ft.**

OES Incident Number:	01-1105
OES notification:	02/23/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	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:	Not reported
Waterway Involved:	Yes
Waterway:	storm drain
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	Redwood City FD
Incident Date:	2/23/2001 12:00:00 AM
Admin Agency:	San Mateo County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LIMA REALTY GROUP (Continued)

S100178866

Amount: Not reported
Contained: No
Site Type: Road
E Date: Not reported
Substance: Diesel Fuel
Quantity Released: Not reported
BBLs: 0
Cups: 0
CUFT: 0
Gallons: 110
Grams: 0
Pounds: 0
Liters: 0
Ounces: 0
Pints: 0
Quarts: 0
Sheen: 0
Tons: 0
Unknown: 0.000000
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
Description: Vandals tipped over two fifty-five (55) gallon drums which were near a storm drain, causing the spill. Firemen on scene state they believe a small amount must have entered the storm drain.

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: 92257

EMI:

Year: 2003
County Code: 41
Air Basin: SF
Facility ID: 15312
Air District Name: BA
SIC Code: 7373
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2004
County Code: 41
Air Basin: SF
Facility ID: 15312

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LIMA REALTY GROUP (Continued)

S100178866

Air District Name: BA
SIC Code: 7373
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.002
Reactive Organic Gases Tons/Yr: 0.0016734
Carbon Monoxide Emissions Tons/Yr: 0.004
NOX - Oxides of Nitrogen Tons/Yr: 0.019
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.001
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0.000976

217
West
1/2-1
0.838 mi.
4424 ft.

ROBISON PROPERTY
827 EL CAMINO REAL
REDWOOD CITY, CA 94063

SLIC S106131297
VCP N/A
ENVIROSTOR

Relative:
Higher

SLIC:

Actual:
16 ft.

Region: STATE
Facility Status: Open - Site Assessment
Status Date: 05/05/2008
Global Id: T0608127441
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number: 60001444
Latitude: 37.485911
Longitude: -122.234502
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: * Chlorinated Hydrocarbons
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Click here to access the California GeoTracker records for this facility:

VCP:

Facility ID: 60001444
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Charles (Chip) Gribble
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Site Code: 201905
Assembly: 24

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBISON PROPERTY (Continued)

S106131297

Senate: 13
Special Programs Code: Voluntary Cleanup Program
Status: Active
Status Date: 04/12/2011
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.46007 / -122.1959
APN: NONE SPECIFIED
Past Use: DRY CLEANING
Potential COC: 30022, 30027
Confirmed COC: 30022-NO,30027-NO
Potential Description: SOIL, SV, UE
Alias Name: T0608127441
Alias Type: GeoTracker Global ID
Alias Name: 201905
Alias Type: Project Code (Site Code)
Alias Name: 60001444
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Site Screening
Future Due Date: 2014
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 60001444
Status: Active
Status Date: 04/12/2011
Site Code: 201905
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Charles (Chip) Gribble
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 24
Senate: 13
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.46007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBISON PROPERTY (Continued)

S106131297

Longitude: -122.1959
APN: NONE SPECIFIED
Past Use: DRY CLEANING
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: 30022-NO 30027-NO
Potential Description: SOIL, SV, UE
Alias Name: T0608127441
Alias Type: GeoTracker Global ID
Alias Name: 201905
Alias Type: Project Code (Site Code)
Alias Name: 60001444
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Site Screening
Future Due Date: 2014
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

218
NNW
1/2-1
0.958 mi.
5056 ft.

PETE'S HARBOR
#1 UCCELLI BOULEVARD
REDWOOD CITY, CA 92257

Notify 65 S100178846
N/A

Relative:
Lower

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: 92257

Actual:
0 ft.

219
NW
1/2-1
0.963 mi.
5084 ft.

BAY AREA CIRCUITS, INC.
91 WINSLOW STREET
REDWOOD CITY, CA 94063

RCRA-LQG 1000102309
FINDS CAD078761780
EMI
ENVIROSTOR

Relative:
Lower

RCRA-LQG:

Date form received by agency: 03/01/2012
Facility name: BAY AREA CIRCUITS, INC.
Facility address: 91 WINSLOW STREET
REDWOOD CITY, CA 94063
EPA ID: CAD078761780
Mailing address: PRICE AVENUE

Actual:
9 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAY AREA CIRCUITS, INC. (Continued)

1000102309

PRICE AVENUE
REDWOOD CITY, CA 94063
Contact: JORGE AVILA
Contact address: PRICE AVENUE
REDWOOD CITY, CA 94063
Contact country: Not reported
Contact telephone: (650) 367-8444
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: BARBARA NOBRIGA
Owner/operator address: PRICE AVENUE
REDWOOD CITY, CA 94063
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/01/1993
Owner/Op end date: Not reported

Owner/operator name: STEPHEN GARCIA
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/01/2009
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAY AREA CIRCUITS, INC. (Continued)

1000102309

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/03/2010
Site name: BAY AREA CIRCUITS, INC.
Classification: Large Quantity Generator

Date form received by agency: 01/31/2008
Site name: BAY AREA CIRCUITS, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/11/2006
Site name: BAY AREA CIRCUITS, INC
Classification: Large Quantity Generator

Date form received by agency: 02/20/2004
Site name: BAY AREA CIRCUITS, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/15/2002
Site name: BAY AREA CIRCUITS, INC.
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Site name: BAY AREA CIRCUITS
Classification: Large Quantity Generator

Date form received by agency: 03/16/1999
Site name: BAY AREA CIRCUITS INC
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: BAY AREA CIRCUITS INC
Classification: Large Quantity Generator

Date form received by agency: 02/28/1996
Site name: BAY AREA CIRCUITS 91
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994
Site name: BAY AREA CIRCUITS
Classification: Large Quantity Generator

Date form received by agency: 02/21/1992
Site name: BAY AREA CIRCUITS INC
Classification: Large Quantity Generator

Date form received by agency: 04/11/1990
Site name: BAY AREA CIRCUITS INC
Classification: Large Quantity Generator

Date form received by agency: 12/10/1980
Site name: BAY AREA CIRCUITS INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAY AREA CIRCUITS, INC. (Continued)

1000102309

Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-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.

Waste code: D002
Waste name: 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.

Waste code: D004
Waste name: ARSENIC

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Biennial Reports:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAY AREA CIRCUITS, INC. (Continued)

1000102309

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-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.
Amount (Lbs): 5478.2

Waste code: D002
Waste name: 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.
Amount (Lbs): 46699.9

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 36200

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 5478.2

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 36200

Waste code: D008
Waste name: LEAD
Amount (Lbs): 41664.7

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 175

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON

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BAY AREA CIRCUITS, INC. (Continued)

1000102309

STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Amount (Lbs): 3186.5

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/20/1985
Date achieved compliance: 03/20/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/20/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 06/21/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/13/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/10/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/20/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/20/1985
Evaluation lead agency: State

FINDS:

Registry ID: 110000482433

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for

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BAY AREA CIRCUITS, INC. (Continued)

1000102309

generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Registry ID: 110055802519

Environmental Interest/Information System

EMI:

Year: 1987
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1990

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAY AREA CIRCUITS, INC. (Continued)

1000102309

County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3671
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1993
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1995
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1996
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD

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Direction
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
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BAY AREA CIRCUITS, INC. (Continued)

1000102309

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	1212
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	1212
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	1212
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

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MAP FINDINGS

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BAY AREA CIRCUITS, INC. (Continued)

1000102309

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	1212
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	1212
Air District Name:	BA
SIC Code:	3672
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	1212
Air District Name:	BA
SIC Code:	3672
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2004
County Code:	41

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MAP FINDINGS

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BAY AREA CIRCUITS, INC. (Continued)

1000102309

Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4.235
Reactive Organic Gases Tons/Yr: 4.0158746
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 5.399
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2005
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4.235
Reactive Organic Gases Tons/Yr: 4.0158746
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 5.399
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2006
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3.957
Reactive Organic Gases Tons/Yr: 3.9259658
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 5.399
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2007
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported

Map ID
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MAP FINDINGS

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BAY AREA CIRCUITS, INC. (Continued)

1000102309

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.874
Reactive Organic Gases Tons/Yr: 1.8429658
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 5.399
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2008
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3.053
Reactive Organic Gases Tons/Yr: 2.8418146
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 4.22
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2009
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2.9489999999999998
Reactive Organic Gases Tons/Yr: 2.753323
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 4.2199999999999998
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2010
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2.9489999999999998
Reactive Organic Gases Tons/Yr: 2.753323
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 4.2199999999999998
SOX - Oxides of Sulphur Tons/Yr: 0

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BAY AREA CIRCUITS, INC. (Continued)

1000102309

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2011
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3.456
Reactive Organic Gases Tons/Yr: 3.127723
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 4.22
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2012
County Code: 41
Air Basin: SF
Facility ID: 1212
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3.456
Reactive Organic Gases Tons/Yr: 3.127723
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 4.22
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

ENVIROSTOR:

Facility ID: 71002593
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported

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BAY AREA CIRCUITS, INC. (Continued)

1000102309

Latitude: 37.49214
Longitude: -122.2338
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD078761780
Alias Type: EPA Identification Number
Alias Name: 110000482433
Alias Type: EPA (FRS #)
Alias Name: 71002593
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
REDWOOD CITY	S113174473	CALTRANS DISTRICT 4	RTE 101 WOODSIDE ON & OFF	94063	HAZNET
REDWOOD CITY	1001481088	CALTRANS DISTRICT 4	RTE 101 WOODSIDE ON AND	94063	RCRA-SQG
REDWOOD CITY	S113757691	NEXTEL-SITE ID CA-868	197 HWY 280,N OR EDGEWOOD	94061	San Mateo Co. BI
REDWOOD CITY	S113748588	COUNTY OF SAN MATEO	BAY RD & END OF SPRING ST	94063	EMI
REDWOOD CITY	S112871453	CHESTNUT BAY LLC	898 CHESTNUT ST	94061	HAZNET
REDWOOD CITY	S112977150	LORAM MAINTENANCE OF WAY INC	COR OF MIDDLEFIELD RD & NORTH S	94063	HAZNET
REDWOOD CITY	1003878892	PG&E GAS PLANT REDWOOD CITY	E MARSHALL WASHINGTON BROADWAY	94063	CERC-NFRAP
REDWOOD CITY	1003878856	JOHNS MANVILLE CORP	MIDDLEFIELD RD	94062	CERC-NFRAP
REDWOOD CITY	1003878515	IDEAL BASIC INDS OLD PLT SITE	PORT OF REDWOOD CITY	94063	CERC-NFRAP
REDWOOD CITY	S100178592	PIC	3004 SPRING	94063	LUST, AST, Notify 65
WOODSIDE	S112924530	CALTRANS DIST 4/CONSTRUCTION	RTE 280 PM 0.0 TO 5.6	94062	HAZNET
WOODSIDE	S112850031	CALTRANS	HWY 280 AT SAND HILL RD	94062	HAZNET
WOODSIDE	S113791299	CALTRANS D-4/EA04-2E5504	RTE 35 NB & SB PM 0.0 TO 21.0	94062	HAZNET
WOODSIDE	S112954217	CALTRANS DIST 4/CONSTR/EA04-212804	RTE 35 PM 7.4(KP 11.9)	94062	HAZNET
WOODSIDE	S113788398	CALTRANS D-4/EA04-4S5904	RTE 84 NB & SB PM 22.1	94062	HAZNET
WOODSIDE	S113786104	CALTRANS D-4/EA04-2L1404	RTE 84 PM 8.3 TO 19.4	94062	HAZNET
WOODSIDE	S112915809	CALTRANS DIST 4/CONSTRUCTION	RTE 84 AT PM16-18.1(KP 25.7	94062	HAZNET
WOODSIDE	S106926069	FARM	27401 HWY 9	94062	SWEEPS UST, San Mateo Co. BI
WOODSIDE	S113758682	VERIZON WIRELESS HWY 280 WOODSIDE	3111 CORNER HIGHWAY 280 & WOOS	94062	San Mateo Co. BI
WOODSIDE	S113756734	PG&E WOODSIDE SUBSTATION	3195 WOODSIDE RD/WHISKEY HILL	94062	San Mateo Co. BI

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.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 09/19/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 09/19/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by 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 received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 09/19/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2014	Telephone: 703-603-8704
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/08/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Transporters are individuals or entities that move hazardous waste from the generator offsite 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: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/23/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/15/2014	Telephone: 703-603-0695
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/23/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/15/2014	Telephone: 703-603-0695
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2014	Source: Department of the Navy
Date Data Arrived at EDR: 05/30/2014	Telephone: 843-820-7326
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 07/03/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 06/05/2014	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/06/2014	Telephone: 916-323-3400
Date Made Active in Reports: 07/09/2014	Last EDR Contact: 08/06/2014
Number of Days to Update: 33	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 06/05/2014	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/06/2014	Telephone: 916-323-3400
Date Made Active in Reports: 07/09/2014	Last EDR Contact: 08/06/2014
Number of Days to Update: 33	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

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: 05/19/2014	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 05/20/2014	Telephone: 916-341-6320
Date Made Active in Reports: 05/22/2014	Last EDR Contact: 08/18/2014
Number of Days to Update: 2	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 8: Leaking Underground Storage Tanks

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: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

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: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

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. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 07/30/2014	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/31/2014	Telephone: see region list
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 09/17/2014
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/29/2014
	Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

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: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 07/31/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 25

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/17/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/13/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 61

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/20/2014
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 73

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/04/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 08/05/2014	Telephone: 312-886-7439
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014	Telephone: 404-562-8677
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/30/2014	Source: SWRCB
Date Data Arrived at EDR: 07/31/2014	Telephone: 916-341-5851
Date Made Active in Reports: 08/20/2014	Last EDR Contact: 09/19/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/29/2014
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 07/18/2014
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 01/27/2014	Last EDR Contact: 08/01/2014
Number of Days to Update: 271	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014	Telephone: 404-562-9424
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/04/2014	Source: EPA Region 5
Date Data Arrived at EDR: 08/05/2014	Telephone: 312-886-6136
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 07/25/2014	Source: EPA Region 6
Date Data Arrived at EDR: 07/28/2014	Telephone: 214-665-7591
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/20/2014	Source: EPA Region 7
Date Data Arrived at EDR: 08/22/2014	Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/13/2014	Source: EPA Region 8
Date Data Arrived at EDR: 08/15/2014	Telephone: 303-312-6137
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/14/2014	Source: EPA Region 9
Date Data Arrived at EDR: 08/15/2014	Telephone: 415-972-3368
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/20/2014	Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014	Telephone: 206-553-2857
Date Made Active in Reports: 08/15/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/08/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 05/30/2014	Source: EPA, Region 1
Date Data Arrived at EDR: 07/01/2014	Telephone: 617-918-1102
Date Made Active in Reports: 08/15/2014	Last EDR Contact: 07/01/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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: 06/05/2014	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/06/2014	Telephone: 916-323-3400
Date Made Active in Reports: 07/09/2014	Last EDR Contact: 08/06/2014
Number of Days to Update: 33	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/03/2014	Telephone: 202-566-2777
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 09/23/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 01/05/2015
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/16/2014
Date Data Arrived at EDR: 06/17/2014
Date Made Active in Reports: 07/11/2014
Number of Days to Update: 24

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/17/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 02/20/2014
Date Made Active in Reports: 03/27/2014
Number of Days to Update: 35

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database

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: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/20/2014	Telephone: 202-307-1000
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 09/03/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/15/2014
	Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

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. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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: 06/05/2014	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/06/2014	Telephone: 916-323-3400
Date Made Active in Reports: 07/09/2014	Last EDR Contact: 08/06/2014
Number of Days to Update: 33	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2014	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 09/02/2014	Telephone: 916-255-6504
Date Made Active in Reports: 09/24/2014	Last EDR Contact: 08/29/2014
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/20/2014	Telephone: 202-307-1000
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 09/03/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/15/2014
	Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 08/28/2014
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/15/2014
	Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/05/2014
Date Data Arrived at EDR: 05/06/2014
Date Made Active in Reports: 05/19/2014
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 28

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/2014
Date Data Arrived at EDR: 07/01/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 79

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/26/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 09/15/2014
Number of Days to Update: 49

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 07/31/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 22

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/17/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 07/30/2014	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/31/2014	Telephone: 866-480-1028
Date Made Active in Reports: 08/25/2014	Last EDR Contact: 09/17/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/29/2014
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/10/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/02/2014	Telephone: (415) 495-8895
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 07/02/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/06/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/18/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/30/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

ROD: Records Of Decision

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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/09/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 01/30/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/29/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 05/06/2014
Date Data Arrived at EDR: 05/16/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2014
Date Data Arrived at EDR: 07/10/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/10/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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: 11/18/2013
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 13

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System

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: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

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.

Date of Government Version: 04/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2014	Telephone: 202-564-8600
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

BRS: Biennial Reporting System

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: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 08/29/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

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: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 01/15/2014	Source: Department of Conservation
Date Data Arrived at EDR: 03/18/2014	Telephone: 916-445-2408
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 09/17/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/29/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/19/2014	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/20/2014	Telephone: 916-445-9379
Date Made Active in Reports: 05/28/2014	Last EDR Contact: 08/18/2014
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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).

Date of Government Version: 06/30/2014	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 07/01/2014	Telephone: 916-323-3400
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/01/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 09/22/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/05/2015
	Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

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: 06/28/2014	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 07/03/2014	Telephone: 916-327-4498
Date Made Active in Reports: 08/21/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 49	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 06/25/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 05/30/2014	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/30/2014	Telephone: 916-445-9379
Date Made Active in Reports: 07/07/2014	Last EDR Contact: 08/08/2014
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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: 12/31/2012	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/16/2013	Telephone: 916-255-1136
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 07/18/2014
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012	Source: California Air Resources Board
Date Data Arrived at EDR: 03/25/2014	Telephone: 916-322-2990
Date Made Active in Reports: 04/28/2014	Last EDR Contact: 06/26/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/06/2014
	Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/18/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 07/25/2014
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/03/2014
	Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013	Source: EPA
Date Data Arrived at EDR: 07/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 07/01/2014
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 08/19/2014
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/18/2014
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: N/A

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/12/2014	Telephone: 703-603-8787
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/01/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/15/2014
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/24/2014
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/16/2014	Source: Department of Conservation
Date Data Arrived at EDR: 06/17/2014	Telephone: 916-323-3836
Date Made Active in Reports: 07/10/2014	Last EDR Contact: 09/17/2014
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/29/2014
	Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 08/01/2014
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 05/05/2014	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/14/2014	Telephone: 916-255-3628
Date Made Active in Reports: 05/22/2014	Last EDR Contact: 07/25/2014
Number of Days to Update: 8	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 03/14/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/11/2014	Telephone: N/A
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 47	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/23/2014	Source: Department of Public Health
Date Data Arrived at EDR: 06/13/2014	Telephone: 916-558-1784
Date Made Active in Reports: 07/09/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 07/18/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/14/2014	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/15/2014	Telephone: 916-440-7145
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/15/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/27/2014
Date Data Arrived at EDR: 05/28/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/15/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2014
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 38

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/20/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 2

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 07/25/2014	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 07/28/2014	Telephone: 510-567-6700
Date Made Active in Reports: 09/15/2014	Last EDR Contact: 06/30/2014
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/25/2014	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 07/28/2014	Telephone: 510-567-6700
Date Made Active in Reports: 08/20/2014	Last EDR Contact: 06/30/2014
Number of Days to Update: 23	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 09/08/2014	Source: Amador County Environmental Health
Date Data Arrived at EDR: 09/09/2014	Telephone: 209-223-6439
Date Made Active in Reports: 09/24/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

BUTTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 20

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 07/02/2014
Date Data Arrived at EDR: 07/03/2014
Date Made Active in Reports: 07/30/2014
Number of Days to Update: 27

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/08/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/24/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 21

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/05/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List

Cupa Facility list

Date of Government Version: 05/05/2014
Date Data Arrived at EDR: 05/06/2014
Date Made Active in Reports: 05/13/2014
Number of Days to Update: 7

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/30/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

EL DORADO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/29/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 38

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 08/05/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

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: 06/30/2014
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/19/2014
Number of Days to Update: 35

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/11/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/10/2014
Date Data Arrived at EDR: 09/11/2014
Date Made Active in Reports: 09/25/2014
Number of Days to Update: 14

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 07/28/2014
Date Data Arrived at EDR: 07/30/2014
Date Made Active in Reports: 09/15/2014
Number of Days to Update: 47

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

KERN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/08/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/28/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/20/2014
Number of Days to Update: 21

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/23/2014
Date Data Arrived at EDR: 07/25/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 28

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/17/2014
Number of Days to Update: 41

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/21/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/19/2014
Number of Days to Update: 29

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/21/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/25/2014
Number of Days to Update: 28

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/16/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 07/23/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 08/20/2014
Number of Days to Update: 23

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 07/28/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 08/20/2014
Number of Days to Update: 23

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/13/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 32

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 06/27/2014
Number of Days to Update: 16

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 07/02/2014
Date Data Arrived at EDR: 07/07/2014
Date Made Active in Reports: 08/18/2014
Number of Days to Update: 42

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/27/2014
Date Data Arrived at EDR: 05/29/2014
Date Made Active in Reports: 06/24/2014
Number of Days to Update: 26

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 09/02/2014
Date Data Arrived at EDR: 09/05/2014
Date Made Active in Reports: 09/24/2014
Number of Days to Update: 19

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 09/02/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 28

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/28/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/28/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/16/2014
Date Data Arrived at EDR: 09/18/2014
Date Made Active in Reports: 09/25/2014
Number of Days to Update: 7

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 09/16/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 7

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 05/28/2014
Number of Days to Update: 13

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/20/2014
Number of Days to Update: 8

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 29

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/08/2014
Date Data Arrived at EDR: 07/11/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 17

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/08/2014
Date Data Arrived at EDR: 07/11/2014
Date Made Active in Reports: 08/18/2014
Number of Days to Update: 38

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/06/2014
Date Data Arrived at EDR: 04/08/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 21

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/11/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/05/2014
Date Data Arrived at EDR: 07/17/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 11

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/30/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 38

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 42

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/27/2014
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/20/2014
Date Data Arrived at EDR: 06/23/2014
Date Made Active in Reports: 07/11/2014
Number of Days to Update: 18

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 26

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/03/2014
Date Data Arrived at EDR: 04/04/2014
Date Made Active in Reports: 05/01/2014
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/16/2014
Date Data Arrived at EDR: 06/19/2014
Date Made Active in Reports: 07/10/2014
Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/03/2014
Date Made Active in Reports: 06/23/2014
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/22/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 09/02/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/12/2014
Date Data Arrived at EDR: 05/19/2014
Date Made Active in Reports: 05/28/2014
Number of Days to Update: 9

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/08/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 09/09/2014
Date Data Arrived at EDR: 09/11/2014
Date Made Active in Reports: 09/25/2014
Number of Days to Update: 14

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 06/20/2014
Number of Days to Update: 8

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2014
Date Data Arrived at EDR: 06/26/2014
Date Made Active in Reports: 07/25/2014
Number of Days to Update: 29

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2014
Date Data Arrived at EDR: 06/26/2014
Date Made Active in Reports: 07/25/2014
Number of Days to Update: 29

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 07/03/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 25

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/17/2014
Number of Days to Update: 36

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/16/2014
Date Data Arrived at EDR: 05/16/2014
Date Made Active in Reports: 06/13/2014
Number of Days to Update: 28

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 08/08/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

VENTURA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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.

Date of Government Version: 04/28/2014	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 05/20/2014	Telephone: 805-654-2813
Date Made Active in Reports: 05/27/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 07/01/2014
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 08/13/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/26/2014	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 07/31/2014	Telephone: 805-654-2813
Date Made Active in Reports: 09/15/2014	Last EDR Contact: 07/28/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/27/2014	Source: Environmental Health Division
Date Data Arrived at EDR: 06/17/2014	Telephone: 805-654-2813
Date Made Active in Reports: 07/11/2014	Last EDR Contact: 09/17/2014
Number of Days to Update: 24	Next Scheduled EDR Contact: 12/29/2014
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2014	Source: Yolo County Department of Health
Date Data Arrived at EDR: 07/07/2014	Telephone: 530-666-8646
Date Made Active in Reports: 08/18/2014	Last EDR Contact: 09/22/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 01/05/2015
	Data Release Frequency: Annually

YUBA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/22/2014
Date Made Active in Reports: 06/19/2014
Number of Days to Update: 28

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/31/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

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.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/17/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/07/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 08/07/2014
Number of Days to Update: 48

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Annually

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.

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.

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 2003 & 2011 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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MOTOR POOL PROJECT
752 CHESTNUT STREET
REDWOOD CITY, CA 94063

TARGET PROPERTY COORDINATES

Latitude (North):	37.4836 - 37° 29' 0.96"
Longitude (West):	122.2186 - 122° 13' 6.96"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	569085.4
UTM Y (Meters):	4148604.2
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37122-D2 PALO ALTO, CA
Most Recent Revision:	1999

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.

Assessment of the impact of contaminant migration generally has two principal 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.

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).

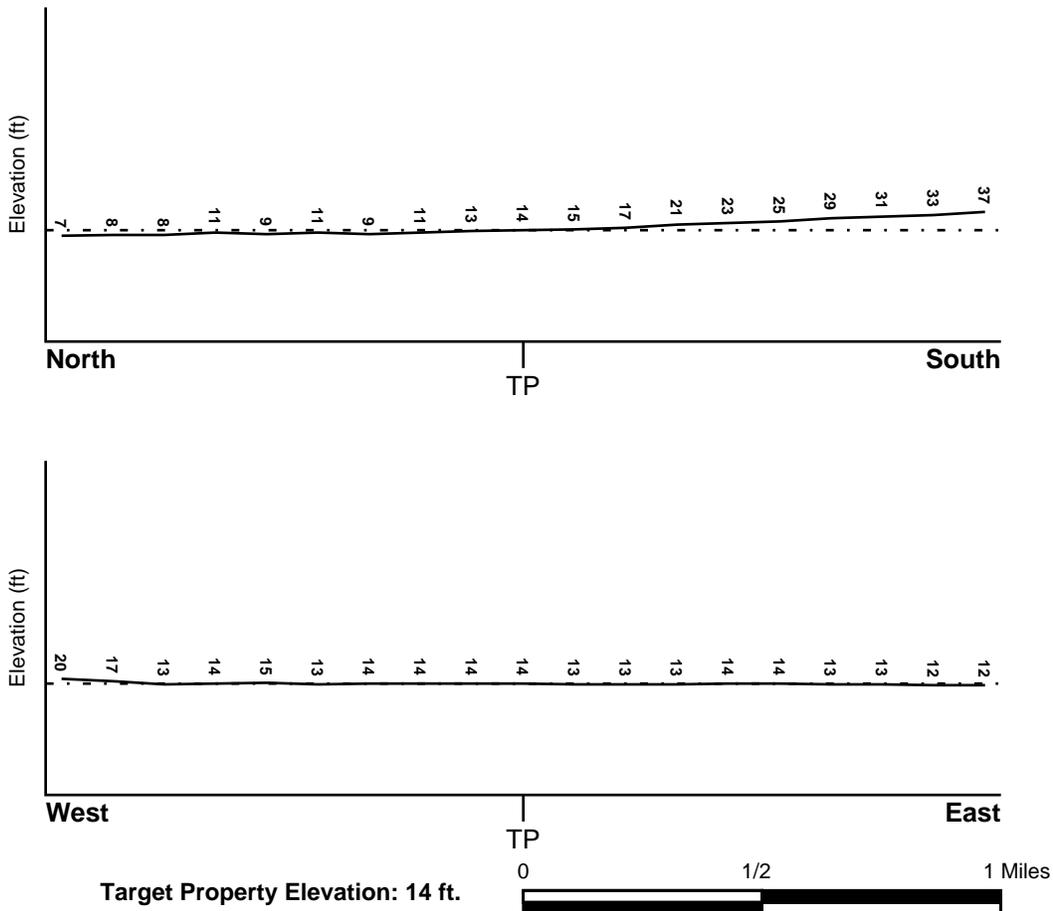
TOPOGRAPHIC INFORMATION

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

General Topographic Gradient: General North

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

Target Property County
SAN MATEO, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0603250011B - FEMA Q3 Flood data

Additional Panels in search area:
0603250012B - FEMA Q3 Flood data
0603110252B - FEMA Q3 Flood data
0603250016B - FEMA Q3 Flood data
0603250015B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
PALO ALTO

NWI Electronic
Data Coverage
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
Status: Not found

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>
A1	1/8 - 1/4 Mile NNE	NE
A2	1/8 - 1/4 Mile NNE	NE
3	1/8 - 1/4 Mile NE	NE
4	1/8 - 1/4 Mile South	N
B5	1/4 - 1/2 Mile NNW	N
C6	1/4 - 1/2 Mile NNE	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
D7	1/4 - 1/2 Mile East	NE
D8	1/4 - 1/2 Mile East	Not Reported
B9	1/4 - 1/2 Mile NW	N
C10	1/4 - 1/2 Mile NNE	N
11	1/4 - 1/2 Mile WNW	NW
D12	1/4 - 1/2 Mile ESE	NNW
D13	1/4 - 1/2 Mile ESE	NNW
15	1/4 - 1/2 Mile West	NW
16	1/4 - 1/2 Mile ENE	Not Reported
17	1/4 - 1/2 Mile SSE	N
18	1/4 - 1/2 Mile NNW	Not Reported
19	1/4 - 1/2 Mile SSE	NE
E20	1/4 - 1/2 Mile NE	NE
21	1/4 - 1/2 Mile West	NE
22	1/4 - 1/2 Mile WNW	Not Reported
F23	1/4 - 1/2 Mile East	NE
F24	1/4 - 1/2 Mile East	NE
G25	1/4 - 1/2 Mile ENE	Not Reported
H26	1/4 - 1/2 Mile WSW	NNE
G27	1/4 - 1/2 Mile ENE	Not Reported
G28	1/4 - 1/2 Mile ENE	Not Reported
I29	1/2 - 1 Mile WNW	NE
H31	1/2 - 1 Mile SW	NE
H32	1/2 - 1 Mile SW	Not Reported
H33	1/2 - 1 Mile SW	Not Reported
F34	1/2 - 1 Mile ESE	Not Reported
E35	1/2 - 1 Mile NE	N
I36	1/2 - 1 Mile West	NW
J37	1/2 - 1 Mile West	NE
J38	1/2 - 1 Mile West	NE
39	1/2 - 1 Mile WSW	N
40	1/2 - 1 Mile North	Not Reported
J41	1/2 - 1 Mile West	N
42	1/2 - 1 Mile West	NE
L44	1/2 - 1 Mile South	NW
45	1/2 - 1 Mile ENE	SW
M46	1/2 - 1 Mile ENE	N
M47	1/2 - 1 Mile ENE	Not Reported
O49	1/2 - 1 Mile WNW	E
N50	1/2 - 1 Mile NW	Varies
L51	1/2 - 1 Mile South	N
O52	1/2 - 1 Mile WNW	Not Reported
P53	1/2 - 1 Mile North	Varies
P54	1/2 - 1 Mile North	SW, NW
K55	1/2 - 1 Mile ESE	WNW
57	1/2 - 1 Mile SE	NE
Q58	1/2 - 1 Mile East	NNE
R59	1/2 - 1 Mile West	NE
N60	1/2 - 1 Mile NW	E
61	1/2 - 1 Mile South	NNW
62	1/2 - 1 Mile NW	Not Reported
R63	1/2 - 1 Mile West	NE
R64	1/2 - 1 Mile West	N
65	1/2 - 1 Mile South	N
Q66	1/2 - 1 Mile East	N
Q67	1/2 - 1 Mile East	N

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
S68	1/2 - 1 Mile West	NNE
69	1/2 - 1 Mile ESE	N
S70	1/2 - 1 Mile West	NE
71	1/2 - 1 Mile NW	NE
72	1/2 - 1 Mile NW	SE
73	1/2 - 1 Mile East	N
74	1/2 - 1 Mile ENE	N
75	1/2 - 1 Mile NNW	NW
76	1/2 - 1 Mile West	SE
T77	1/2 - 1 Mile East	E
T78	1/2 - 1 Mile ESE	Not Reported
79	1/2 - 1 Mile WSW	E
T80	1/2 - 1 Mile East	N
81	1/2 - 1 Mile East	NE
82	1/2 - 1 Mile ENE	W

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

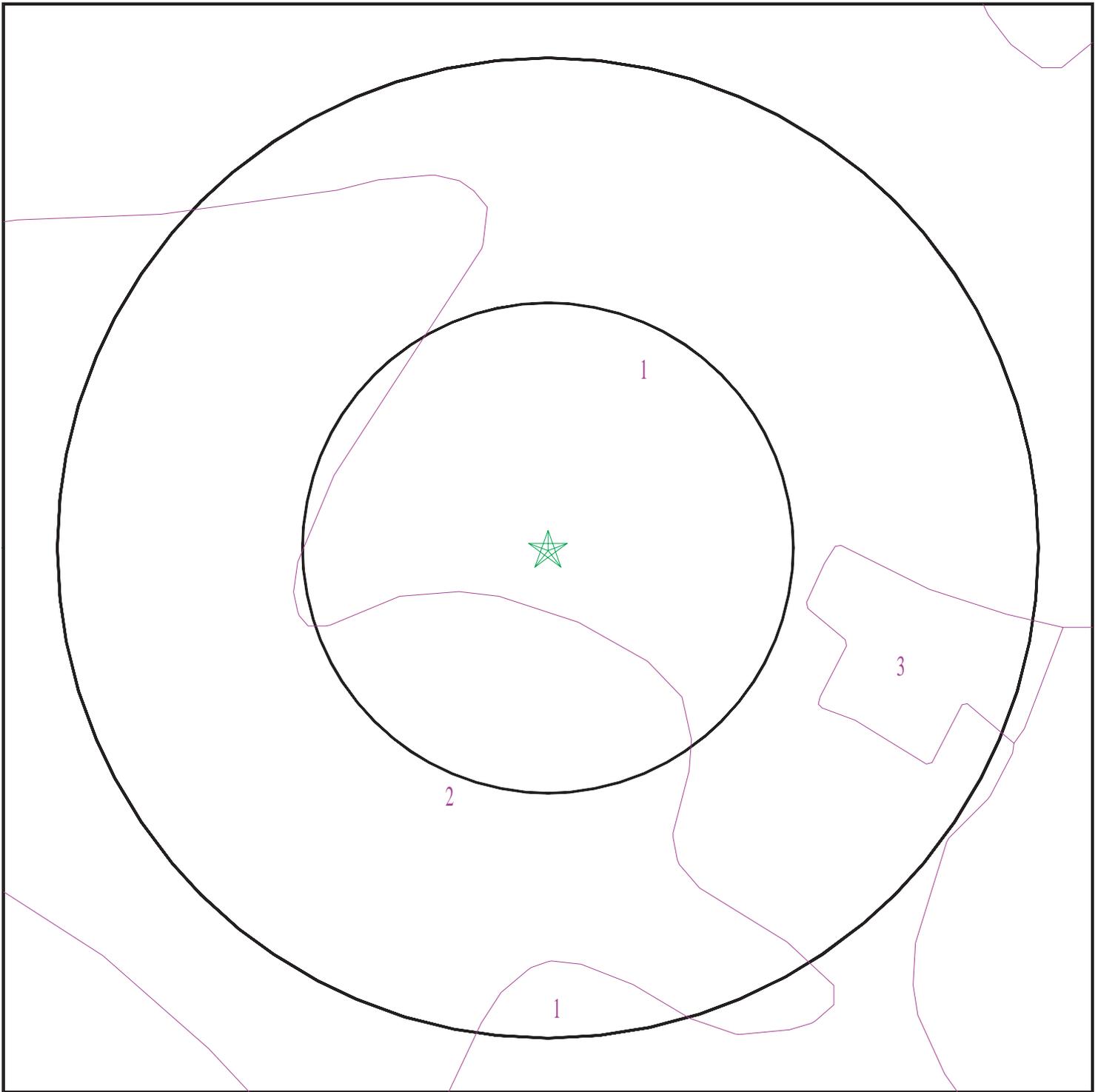
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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).

SSURGO SOIL MAP - 4085858.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Motor Pool Project
ADDRESS: 752 Chestnut Street
Redwood City CA 94063
LAT/LONG: 37.4836 / 122.2186

CLIENT: TRC
CONTACT: Lauren Kohli
INQUIRY #: 4085858.2s
DATE: September 26, 2014 3:20 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: Orthents

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

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

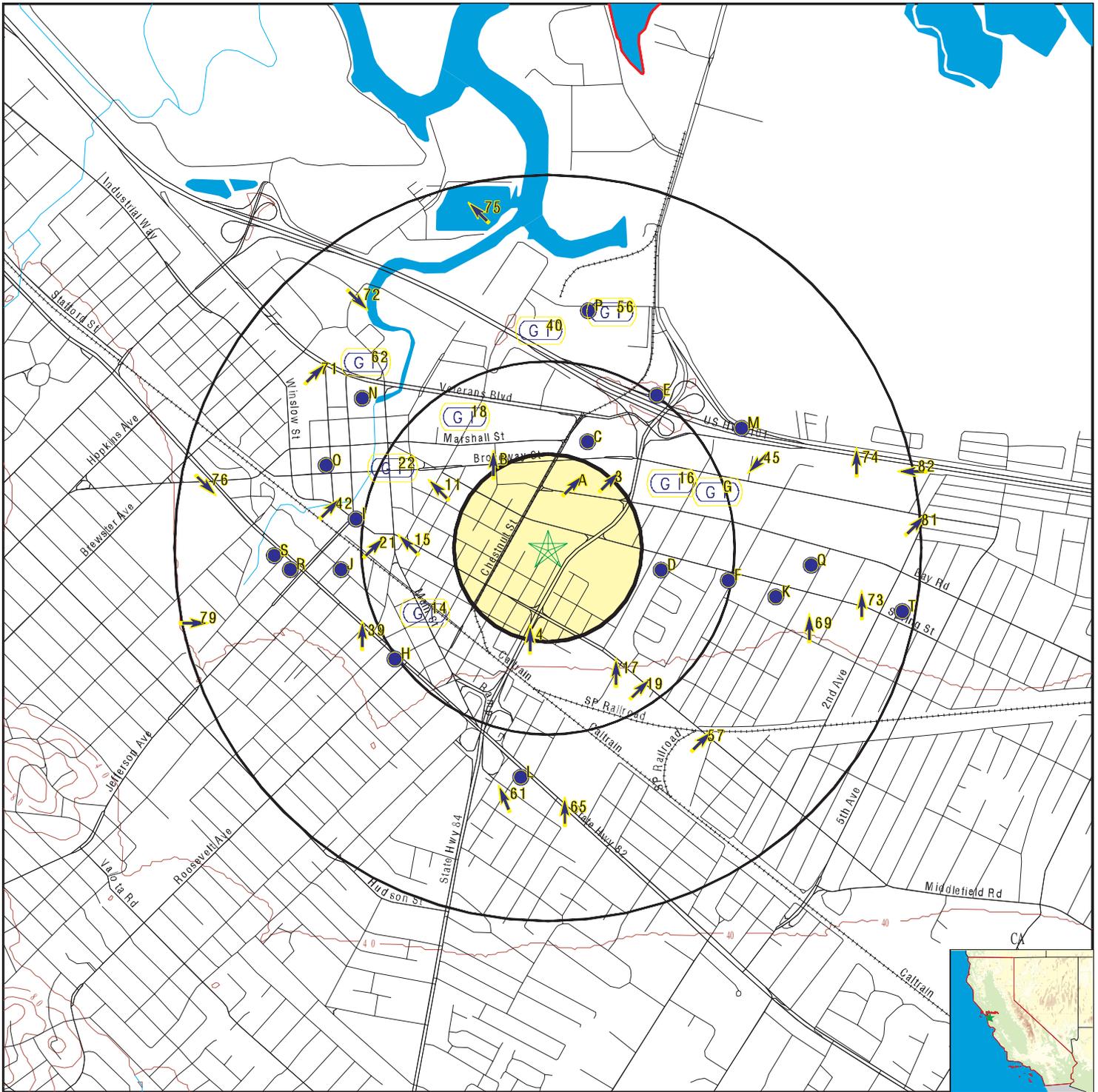
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 4085858.2s



- 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



SITE NAME: Motor Pool Project
 ADDRESS: 752 Chestnut Street
 Redwood City CA 94063
 LAT/LONG: 37.4836 / 122.2186

CLIENT: TRC
 CONTACT: Lauren Kohli
 INQUIRY #: 4085858.2s
 DATE: September 26, 2014 3:20 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
A1	Site ID:	330079			
NNE	Groundwater Flow:	NE		AQUIFLOW	66588
1/8 - 1/4 Mile	Shallow Water Depth:	6.95			
Higher	Deep Water Depth:	8.90			
	Average Water Depth:	Not Reported			
	Date:	09/16/1991			
<hr/>					
A2	Site ID:	41-0442			
NNE	Groundwater Flow:	NE		AQUIFLOW	66756
1/8 - 1/4 Mile	Shallow Water Depth:	1.98			
Lower	Deep Water Depth:	3.62			
	Average Water Depth:	Not Reported			
	Date:	04/1992			
<hr/>					
3	Site ID:	330091			
NE	Groundwater Flow:	NE		AQUIFLOW	66755
1/8 - 1/4 Mile	Shallow Water Depth:	1.98			
Lower	Deep Water Depth:	3.62			
	Average Water Depth:	Not Reported			
	Date:	04/1992			
<hr/>					
4	Site ID:	41-0029			
South	Groundwater Flow:	N		AQUIFLOW	65902
1/8 - 1/4 Mile	Shallow Water Depth:	6.87			
Higher	Deep Water Depth:	11.96			
	Average Water Depth:	Not Reported			
	Date:	03/11/1996			
<hr/>					
B5	Site ID:	41-0014			
NNW	Groundwater Flow:	N		AQUIFLOW	65754
1/4 - 1/2 Mile	Shallow Water Depth:	6.27			
Lower	Deep Water Depth:	6.63			
	Average Water Depth:	Not Reported			
	Date:	10/18/1995			
<hr/>					
C6	Site ID:	41-0073			
NNE	Groundwater Flow:	Not Reported		AQUIFLOW	66702
1/4 - 1/2 Mile	Shallow Water Depth:	10.46			
Lower	Deep Water Depth:	13.83			
	Average Water Depth:	Not Reported			
	Date:	03/1994			
<hr/>					
D7	Site ID:	41-0211			
East	Groundwater Flow:	NE		AQUIFLOW	65926
1/4 - 1/2 Mile	Shallow Water Depth:	8.7			
Higher	Deep Water Depth:	9.5			
	Average Water Depth:	Not Reported			
	Date:	09/16/1992			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
D8 East 1/4 - 1/2 Mile Higher	Site ID:	330130	AQUIFLOW	65928
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	6		
	Deep Water Depth:	12.5		
	Average Water Depth:	Not Reported		
Date:	11/13/1997			
B9 NW 1/4 - 1/2 Mile Lower	Site ID:	330004	AQUIFLOW	65753
	Groundwater Flow:	N		
	Shallow Water Depth:	6.27		
	Deep Water Depth:	6.63		
	Average Water Depth:	Not Reported		
Date:	10/18/1995			
C10 NNE 1/4 - 1/2 Mile Lower	Site ID:	41-0546	AQUIFLOW	65880
	Groundwater Flow:	N		
	Shallow Water Depth:	7.20		
	Deep Water Depth:	8.84		
	Average Water Depth:	Not Reported		
Date:	04/08/1992			
11 WNW 1/4 - 1/2 Mile Lower	Site ID:	41-0090	AQUIFLOW	65511
	Groundwater Flow:	NW		
	Shallow Water Depth:	7.35		
	Deep Water Depth:	9.35		
	Average Water Depth:	Not Reported		
Date:	01/27/1997			
D12 ESE 1/4 - 1/2 Mile Higher	Site ID:	330087	AQUIFLOW	65933
	Groundwater Flow:	NNW		
	Shallow Water Depth:	9.46		
	Deep Water Depth:	9.83		
	Average Water Depth:	Not Reported		
Date:	07/30/1991			
D13 ESE 1/4 - 1/2 Mile Higher	Site ID:	41-0334	AQUIFLOW	65934
	Groundwater Flow:	NNW		
	Shallow Water Depth:	9.46		
	Deep Water Depth:	9.83		
	Average Water Depth:	Not Reported		
Date:	07/30/1991			
14 WSW 1/4 - 1/2 Mile Higher	Site ID:	41-0920	AQUIFLOW	66743
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	10'a		
Date:	03/31/1994			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
15	West	1/4 - 1/2 Mile	Higher		
	Site ID:	41-0922		AQUIFLOW	66055
	Groundwater Flow:	NW			
	Shallow Water Depth:	5.44			
	Deep Water Depth:	8.92			
	Average Water Depth:	Not Reported			
	Date:	09/30/1988			
16	ENE	1/4 - 1/2 Mile	Higher		
	Site ID:	41-0688		AQUIFLOW	66737
	Groundwater Flow:	Not Reported			
	Shallow Water Depth:	7.54			
	Deep Water Depth:	8.85			
	Average Water Depth:	Not Reported			
	Date:	02/02/1995			
17	SSE	1/4 - 1/2 Mile	Higher		
	Site ID:	330121		AQUIFLOW	65937
	Groundwater Flow:	N			
	Shallow Water Depth:	11.48			
	Deep Water Depth:	12.2			
	Average Water Depth:	Not Reported			
	Date:	06/30/1995			
18	NNW	1/4 - 1/2 Mile	Lower		
	Site ID:	330041		AQUIFLOW	66567
	Groundwater Flow:	Not Reported			
	Shallow Water Depth:	7.06			
	Deep Water Depth:	8.03			
	Average Water Depth:	Not Reported			
	Date:	11/12/1991			
19	SSE	1/4 - 1/2 Mile	Higher		
	Site ID:	41-0172		AQUIFLOW	65939
	Groundwater Flow:	NE			
	Shallow Water Depth:	12.75			
	Deep Water Depth:	13.61			
	Average Water Depth:	Not Reported			
	Date:	12/08/1992			
E20	NE	1/4 - 1/2 Mile	Higher		
	Site ID:	41-0330		AQUIFLOW	65912
	Groundwater Flow:	NE			
	Shallow Water Depth:	5.06			
	Deep Water Depth:	6.65			
	Average Water Depth:	Not Reported			
	Date:	02/27/1995			
21	West	1/4 - 1/2 Mile	Lower		
	Site ID:	41-0994		AQUIFLOW	65717
	Groundwater Flow:	NE			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	10a			
	Date:	11/1996			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
22 WNW 1/4 - 1/2 Mile Lower	Site ID:	41-0701		AQUIFLOW	66699
	Groundwater Flow:	Not Reported			
	Shallow Water Depth:	11.5'			
	Deep Water Depth:	13'			
	Average Water Depth:	Not Reported			
	Date:	12/17/1991			
F23 East 1/4 - 1/2 Mile Higher	Site ID:	330025		AQUIFLOW	66712
	Groundwater Flow:	NE			
	Shallow Water Depth:	11'			
	Deep Water Depth:	15'			
	Average Water Depth:	Not Reported			
	Date:	07/09/1992			
F24 East 1/4 - 1/2 Mile Higher	Site ID:	41-0275		AQUIFLOW	66713
	Groundwater Flow:	NE			
	Shallow Water Depth:	11'			
	Deep Water Depth:	15'			
	Average Water Depth:	Not Reported			
	Date:	07/09/1992			
G25 ENE 1/4 - 1/2 Mile Lower	Site ID:	41-0317		AQUIFLOW	67104
	Groundwater Flow:	Not Reported			
	Shallow Water Depth:	7.56			
	Deep Water Depth:	12.5			
	Average Water Depth:	Not Reported			
	Date:	07/13/1987			
H26 WSW 1/4 - 1/2 Mile Higher	Site ID:	41-0724		AQUIFLOW	67018
	Groundwater Flow:	NNE			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	7.8 a			
	Date:	05/1992			
G27 ENE 1/4 - 1/2 Mile Lower	Site ID:	330031		AQUIFLOW	65658
	Groundwater Flow:	Not Reported			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	8a			
	Date:	03/1989			
G28 ENE 1/4 - 1/2 Mile Lower	Site ID:	41-0284		AQUIFLOW	65659
	Groundwater Flow:	Not Reported			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	8a			
	Date:	03/1989			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
I29 WNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0582 NE 4.61' 5.31' Not Reported 03/16/1995	AQUIFLOW	67094
E30 NE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0958 Not Reported Not Reported Not Reported 5a 05/07/1996	AQUIFLOW	65918
H31 SW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0833 NE 8 9 Not Reported 05/17/1999	AQUIFLOW	65591
H32 SW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	330023 Not Reported Not Reported Not Reported 7.22' 05/22/1990	AQUIFLOW	66585
H33 SW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	330023 Not Reported Not Reported Not Reported 7.22' 05/22/1990	AQUIFLOW	66582
F34 ESE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0798 Not Reported 12 17 Not Reported 07/05/1994	AQUIFLOW	65760
E35 NE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	330156 N Not Reported Not Reported 13a 10/14/1998	AQUIFLOW	66560

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
I36 West 1/2 - 1 Mile Higher	Site ID:	330135	AQUIFLOW	66052
	Groundwater Flow:	NW		
	Shallow Water Depth:	6.52		
	Deep Water Depth:	7.33		
	Average Water Depth:	Not Reported		
Date:	12/1996			
J37 West 1/2 - 1 Mile Higher	Site ID:	330082	AQUIFLOW	65732
	Groundwater Flow:	NE		
	Shallow Water Depth:	5.87		
	Deep Water Depth:	12		
	Average Water Depth:	Not Reported		
Date:	07/07/1997			
J38 West 1/2 - 1 Mile Higher	Site ID:	41-0707	AQUIFLOW	65733
	Groundwater Flow:	NE		
	Shallow Water Depth:	5.87		
	Deep Water Depth:	12		
	Average Water Depth:	Not Reported		
Date:	07/07/1997			
39 WSW 1/2 - 1 Mile Higher	Site ID:	330059	AQUIFLOW	66761
	Groundwater Flow:	N		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	9.5		
Date:	09/16/1988			
40 North 1/2 - 1 Mile Lower	Site ID:	41-0184	AQUIFLOW	67088
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	7.5a		
Date:	09/22/1997			
J41 West 1/2 - 1 Mile Higher	Site ID:	41-0393	AQUIFLOW	66566
	Groundwater Flow:	N		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	11.30		
Date:	06/19/1992			
42 West 1/2 - 1 Mile Lower	Site ID:	330152	AQUIFLOW	67090
	Groundwater Flow:	NE		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	9.5		
Date:	11/09/1998			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
K43 ESE 1/2 - 1 Mile Higher	Site ID:	41-0070	AQUIFLOW	65764
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	8		
Date:	03/17/1987			
L44 South 1/2 - 1 Mile Higher	Site ID:	41-0581	AQUIFLOW	67005
	Groundwater Flow:	NW		
	Shallow Water Depth:	11.19		
	Deep Water Depth:	11.59		
	Average Water Depth:	Not Reported		
Date:	11/13/1990			
45 ENE 1/2 - 1 Mile Lower	Site ID:	41-0343	AQUIFLOW	65725
	Groundwater Flow:	SW		
	Shallow Water Depth:	6.93		
	Deep Water Depth:	7.75		
	Average Water Depth:	Not Reported		
Date:	05/03/1995			
M46 ENE 1/2 - 1 Mile Lower	Site ID:	330154	AQUIFLOW	65505
	Groundwater Flow:	N		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	4		
Date:	11/17/1997			
M47 ENE 1/2 - 1 Mile Lower	Site ID:	41-0072	AQUIFLOW	65503
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	9.5		
Date:	09/17/1991			
N48 NW 1/2 - 1 Mile Lower	Site ID:	330142	AQUIFLOW	66069
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	13.18		
	Deep Water Depth:	15.17		
	Average Water Depth:	Not Reported		
Date:	08/13/1998			
O49 WNW 1/2 - 1 Mile Lower	Site ID:	41-0380	AQUIFLOW	67083
	Groundwater Flow:	E		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	13'		
Date:	06/27/1992			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
N50 NW 1/2 - 1 Mile Lower	Site ID:	41-0062	AQUIFLOW	66043
	Groundwater Flow:	Varies		
	Shallow Water Depth:	9		
	Deep Water Depth:	12		
	Average Water Depth:	Not Reported		
Date:	08/02/1994			
L51 South 1/2 - 1 Mile Higher	Site ID:	41-0547	AQUIFLOW	67008
	Groundwater Flow:	N		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	10'a		
Date:	01/08/1996			
O52 WNW 1/2 - 1 Mile Lower	Site ID:	41-0019	AQUIFLOW	67060
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	9.80'		
	Deep Water Depth:	12.61		
	Average Water Depth:	Not Reported		
Date:	01/30/1996			
P53 North 1/2 - 1 Mile Lower	Site ID:	41-0697	AQUIFLOW	65544
	Groundwater Flow:	Varies		
	Shallow Water Depth:	6		
	Deep Water Depth:	8		
	Average Water Depth:	Not Reported		
Date:	09/1992			
P54 North 1/2 - 1 Mile Lower	Site ID:	330146	AQUIFLOW	65552
	Groundwater Flow:	SW, NW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	8a		
Date:	08/22/1989			
K55 ESE 1/2 - 1 Mile Higher	Site ID:	41-0313	AQUIFLOW	66011
	Groundwater Flow:	WNW		
	Shallow Water Depth:	10.81		
	Deep Water Depth:	13.82		
	Average Water Depth:	Not Reported		
Date:	03/08/1990			
56 NNE 1/2 - 1 Mile Lower	Site ID:	330116	AQUIFLOW	65556
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	1.5		
	Deep Water Depth:	4.5		
	Average Water Depth:	Not Reported		
Date:	06/15/1994			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
57	Site ID:	41-0071		AQUIFLOW	65770
SE	Groundwater Flow:	NE			
1/2 - 1 Mile	Shallow Water Depth:	14			
Higher	Deep Water Depth:	15			
	Average Water Depth:	Not Reported			
	Date:	06/18/1980			
<hr/>					
Q58	Site ID:	330062		AQUIFLOW	67097
East	Groundwater Flow:	NNE			
1/2 - 1 Mile	Shallow Water Depth:	Not Reported			
Higher	Deep Water Depth:	Not Reported			
	Average Water Depth:	10a			
	Date:	06/1991			
<hr/>					
R59	Site ID:	41-0839		AQUIFLOW	65739
West	Groundwater Flow:	NE			
1/2 - 1 Mile	Shallow Water Depth:	11			
Higher	Deep Water Depth:	14			
	Average Water Depth:	Not Reported			
	Date:	09/25/1996			
<hr/>					
N60	Site ID:	41-0326		AQUIFLOW	66719
NW	Groundwater Flow:	E			
1/2 - 1 Mile	Shallow Water Depth:	9.40			
Lower	Deep Water Depth:	10.91			
	Average Water Depth:	Not Reported			
	Date:	01/31/1996			
<hr/>					
61	Site ID:	41-0880		AQUIFLOW	65748
South	Groundwater Flow:	NNW			
1/2 - 1 Mile	Shallow Water Depth:	10			
Higher	Deep Water Depth:	10.7			
	Average Water Depth:	Not Reported			
	Date:	09/20/1995			
<hr/>					
62	Site ID:	41-0049		AQUIFLOW	65522
NW	Groundwater Flow:	Not Reported			
1/2 - 1 Mile	Shallow Water Depth:	Not Reported			
Lower	Deep Water Depth:	Not Reported			
	Average Water Depth:	10.25			
	Date:	11/05/1993			
<hr/>					
R63	Site ID:	330101		AQUIFLOW	66727
West	Groundwater Flow:	NE			
1/2 - 1 Mile	Shallow Water Depth:	7.37			
Higher	Deep Water Depth:	9.45			
	Average Water Depth:	Not Reported			
	Date:	06/1995			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
R64 West 1/2 - 1 Mile Higher	Site ID:	41-0457	AQUIFLOW	66731
	Groundwater Flow:	N		
	Shallow Water Depth:	8.39		
	Deep Water Depth:	9.85		
	Average Water Depth:	Not Reported		
Date:	06/17/1994			
65 South 1/2 - 1 Mile Higher	Site ID:	41-0556	AQUIFLOW	67012
	Groundwater Flow:	N		
	Shallow Water Depth:	8.25		
	Deep Water Depth:	10.10		
	Average Water Depth:	Not Reported		
Date:	07/30/1997			
Q66 East 1/2 - 1 Mile Higher	Site ID:	330100	AQUIFLOW	65535
	Groundwater Flow:	N		
	Shallow Water Depth:	10		
	Deep Water Depth:	11		
	Average Water Depth:	Not Reported		
Date:	10/13/1992			
Q67 East 1/2 - 1 Mile Higher	Site ID:	330100	AQUIFLOW	65538
	Groundwater Flow:	N		
	Shallow Water Depth:	10		
	Deep Water Depth:	11		
	Average Water Depth:	Not Reported		
Date:	10/13/1992			
S68 West 1/2 - 1 Mile Higher	Site ID:	330161	AQUIFLOW	66559
	Groundwater Flow:	NNE		
	Shallow Water Depth:	8'		
	Deep Water Depth:	10'		
	Average Water Depth:	Not Reported		
Date:	02/04/1997			
69 ESE 1/2 - 1 Mile Higher	Site ID:	41-0273	AQUIFLOW	66705
	Groundwater Flow:	N		
	Shallow Water Depth:	13.17		
	Deep Water Depth:	15.00		
	Average Water Depth:	Not Reported		
Date:	03/02/1992			
S70 West 1/2 - 1 Mile Higher	Site ID:	41-0185	AQUIFLOW	66135
	Groundwater Flow:	NE		
	Shallow Water Depth:	5.92		
	Deep Water Depth:	8.70		
	Average Water Depth:	Not Reported		
Date:	06/29/1992			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
71 NW 1/2 - 1 Mile Lower	Site ID:	41-0926	AQUIFLOW	66693
	Groundwater Flow:	NE		
	Shallow Water Depth:	2.00		
	Deep Water Depth:	5.08		
	Average Water Depth:	Not Reported		
	Date:	08/24/1995		
72 NW 1/2 - 1 Mile Lower	Site ID:	41-1046	AQUIFLOW	67031
	Groundwater Flow:	SE		
	Shallow Water Depth:	9.5		
	Deep Water Depth:	10		
	Average Water Depth:	Not Reported		
	Date:	11/23/1994		
73 East 1/2 - 1 Mile Higher	Site ID:	41-0192	AQUIFLOW	65588
	Groundwater Flow:	N		
	Shallow Water Depth:	9.2		
	Deep Water Depth:	9.7		
	Average Water Depth:	9.5a		
	Date:	09/19/1994		
74 ENE 1/2 - 1 Mile Lower	Site ID:	41-0008	AQUIFLOW	65515
	Groundwater Flow:	N		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	13.5a		
	Date:	03/13/1991		
75 NNW 1/2 - 1 Mile Lower	Site ID:	41-0414	AQUIFLOW	65710
	Groundwater Flow:	NW		
	Shallow Water Depth:	5.92		
	Deep Water Depth:	7.76		
	Average Water Depth:	Not Reported		
	Date:	02/03/1994		
76 West 1/2 - 1 Mile Higher	Site ID:	41-0616	AQUIFLOW	67077
	Groundwater Flow:	SE		
	Shallow Water Depth:	7.00		
	Deep Water Depth:	8.70		
	Average Water Depth:	Not Reported		
	Date:	05/20/1992		
T77 East 1/2 - 1 Mile Higher	Site ID:	41-0246	AQUIFLOW	68942
	Groundwater Flow:	E		
	Shallow Water Depth:	8.5		
	Deep Water Depth:	9		
	Average Water Depth:	Not Reported		
	Date:	10/25/1995		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
T78 ESE 1/2 - 1 Mile Higher	Site ID:	41-0418		
	Groundwater Flow:	Not Reported	AQUIFLOW	66644
	Shallow Water Depth:	8.52		
	Deep Water Depth:	9.00		
	Average Water Depth:	Not Reported		
Date:	12/15/1988			
<hr/>				
79 WSW 1/2 - 1 Mile Higher	Site ID:	41-0478		
	Groundwater Flow:	E	AQUIFLOW	67049
	Shallow Water Depth:	1'		
	Deep Water Depth:	3.5		
	Average Water Depth:	Not Reported		
Date:	10/30/1985			
<hr/>				
T80 East 1/2 - 1 Mile Higher	Site ID:	41-0398		
	Groundwater Flow:	N	AQUIFLOW	66028
	Shallow Water Depth:	6.05		
	Deep Water Depth:	10.18		
	Average Water Depth:	Not Reported		
Date:	03/1996			
<hr/>				
81 East 1/2 - 1 Mile Lower	Site ID:	41-0691		
	Groundwater Flow:	NE	AQUIFLOW	65570
	Shallow Water Depth:	6.4		
	Deep Water Depth:	7.6		
	Average Water Depth:	Not Reported		
Date:	02/19/1985			
<hr/>				
82 ENE 1/2 - 1 Mile Lower	Site ID:	41-1009		
	Groundwater Flow:	W	AQUIFLOW	65975
	Shallow Water Depth:	3.0		
	Deep Water Depth:	7.6		
	Average Water Depth:	Not Reported		
Date:	04/07/1997			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94063	19	2

Federal EPA Radon Zone for SAN MATEO 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 Zip Code: 94063

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.300 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

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 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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, 2005 and 2010 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.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

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.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

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.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

STREET AND ADDRESS INFORMATION

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**APPENDIX B:
USER QUESTIONNAIRE(S)**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
USER QUESTIONNAIRE**

Pursuant to the American Society for Testing and Materials E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-13), in order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the User must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The User should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

The "User" is defined in the ASTM E 1527-13 standard as *the party seeking to use Practice E 1527 to complete an environmental site assessment of the Site. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.*

Thank you for taking the time to complete this questionnaire. If you have any questions, please call Katy Houston at 775-225-0710 or e-mail khouston@trcsolutions.com.

Date: 10-7-2014

User Name: _____

Company: _____

Address: _____

Telephone No.: _____

E-mail Address: _____

Signature: _____

Site Name & Address: County of San Mateo
752 Chestnut St.
Redwood City, CA 94063

Purpose of ASTM Phase I (potential purchase, potential sale, re-finance, update the environmental condition of the Site, Lease termination or initiation, etc.)

- (1.) Environmental cleanup liens that are filed or recorded against the Site (40 CFR 312.25)
Did a search of recorded land title records (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the Site under federal, tribal, state or local law?

Yes

No

NOTE 1 — In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

(2.) **Activity and land use limitations (AULs) that are in place on the Site or that have been filed or recorded against the Site (40 CFR 312.26(a)(1)(v) and (vi))**

Did a search of recorded land title records (or judicial records where appropriate, see Note 1 above) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the Site and/or have been filed or recorded against the Site under federal, tribal, state or local law?

Yes No

(3.) **Specialized knowledge or experience of the person seeking to qualify for the *Landowner Liability Protection (LLP)* (40 CFR 312.28)**

Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes No

(4.) **Relationship of the purchase price to the fair market value of the Site property (40 CFR 312.29)**

Does the purchase price being paid for the Site property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Yes No

N/A

(5.) **Commonly known or reasonably ascertainable information regarding the Site property (40 CFR 312.30)**

Are you aware of commonly known or reasonably ascertainable information about the Site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,

- (a.) Can you provide any information regarding the past uses of the Site?
- (b.) Can you provide any information regarding specific chemicals that are present or once were present at the Site?
- (c.) Can you provide any information regarding spills or other chemical releases that have occurred at the Site?
- (d.) Can you provide any information regarding any environmental cleanups that have occurred at the Site?

Yes No

AMS Systems, Inc

PO BOX 4190
 Foster City, CA 94404
 Phone: 650-298-9330
 Fax: 650-298-9332

Invoice

Date	Invoice #
8/15/2014	22149

Bill To
County of San Mateo 555 County Center, 5th Floor Redwood City, CA 94063

Ship To
County of San Mateo Attn: America Sanchez 555 County Center, 5th Floor Redwood City, CA 94063

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
	Due on receipt		8/15/2014			
Quantity	Item Code	Description			Price Each	Amount
65	Post Card (NEW)	Custom Printing: Post Cards Size: 8.5" x 5.5" color Sides: 2 Stock: 100 # cover + Put addresses on cards + Put stamps onto cards (Postage not included in estimate (AMS Printing Job # 20795-0814)			1.64615	107.00T
65	Postage (NEW)	Postage Cost San Mateo Tax			0.49 9.00%	31.85 9.63
					Total	\$148.48

**APPENDIX C:
HISTORICAL RESEARCH DOCUMENTATION**



Motor Pool Project

752 Chestnut Street
Redwood City, CA 94063

Inquiry Number: 4085858.9

September 29, 2014

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography September 29, 2014

Target Property:

752 Chestnut Street
Redwood City, CA 94063

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1943	Aerial Photograph. Scale: 1"=500'	Flight Year: 1943	USGS
1948	Aerial Photograph. Scale: 1"=500'	Flight Year: 1948	USGS
1958	Aerial Photograph. Scale: 1"=500'	Flight Year: 1958	USGS
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	USGS
1974	Aerial Photograph. Scale: 1"=500'	Flight Year: 1974	NASA
1982	Aerial Photograph. Scale: 1"=500'	Flight Year: 1982	USGS
1991	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1991	USGS/DOQQ
1998	Aerial Photograph. Scale: 1"=500'	Flight Year: 1998	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP



INQUIRY #: 4085858.9

YEAR: 1943

| = 500'





INQUIRY #: 4085858.9

YEAR: 1948

| = 500'





INQUIRY #: 4085858.9

YEAR: 1958

| = 500'





INQUIRY #: 4085858.9

YEAR: 1968

| = 500'



EDR



INQUIRY #: 4085858.9

YEAR: 1974

| = 500'





INQUIRY #: 4085858.9

YEAR: 1982

| = 500'





INQUIRY #: 4085858.9

YEAR: 1991

| = 500'





INQUIRY #: 4085858.9

YEAR: 1998

| = 500'





INQUIRY #: 4085858.9

YEAR: 2005

— = 500'





INQUIRY #: 4085858.9

YEAR: 2009

| = 500'





INQUIRY #: 4085858.9

YEAR: 2010

| = 500'





INQUIRY #: 4085858.9

YEAR: 2012

| = 500'



Motor Pool Project

752 Chestnut Street
Redwood City, CA 94063

Inquiry Number: 4085858.5
September 29, 2014

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1985	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1977	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory

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FINDINGS

TARGET PROPERTY STREET

752 Chestnut Street
Redwood City, CA 94063

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

CHESTNUT ST

2013	pg A1	Cole Information Services
2008	pg A3	Cole Information Services
2003	pg A6	Cole Information Services
1999	pg A8	Cole Information Services
1995	pg A12	Cole Information Services
1992	pg A14	Cole Information Services
1985	pg A16	Haines Criss-Cross Directory
1980	pg A18	Haines Criss-Cross Directory
1980	pg A19	Haines Criss-Cross Directory
1977	pg A22	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

BUCKEYE ST

2013	pg. A2	Cole Information Services
2008	pg. A5	Cole Information Services
2003	pg. A7	Cole Information Services
1999	pg. A10	Cole Information Services
1995	pg. A13	Cole Information Services
1992	pg. A15	Cole Information Services
1985	pg. A17	Haines Criss-Cross Directory
1980	pg. A20	Haines Criss-Cross Directory
1980	pg. A21	Haines Criss-Cross Directory
1977	pg. A23	Haines Criss-Cross Directory



Motor Pool Project

752 Chestnut Street
Redwood City, CA 94063

Inquiry Number: 4085858.3

September 26, 2014

Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

9/26/14

Site Name:

Motor Pool Project
752 Chestnut Street
Redwood City, CA 94063

Client Name:

TRC
101 Second Street Suite 300
San Francisco, CA 94501



EDR Inquiry # 4085858.3

Contact: Lauren Kohli

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by TRC were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Motor Pool Project
Address: 752 Chestnut Street
City, State, Zip: Redwood City, CA 94063
Cross Street:
P.O. # 218791.0000.0000
Project: Motor Pool Project
Certification # 926F-46DF-B142



Sanborn® Library search results
Certification # 926F-46DF-B142

Maps Provided:

1968
1962
1950

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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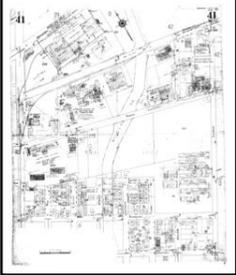
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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1968 Source Sheets



Volume 1, Sheet 41

1962 Source Sheets



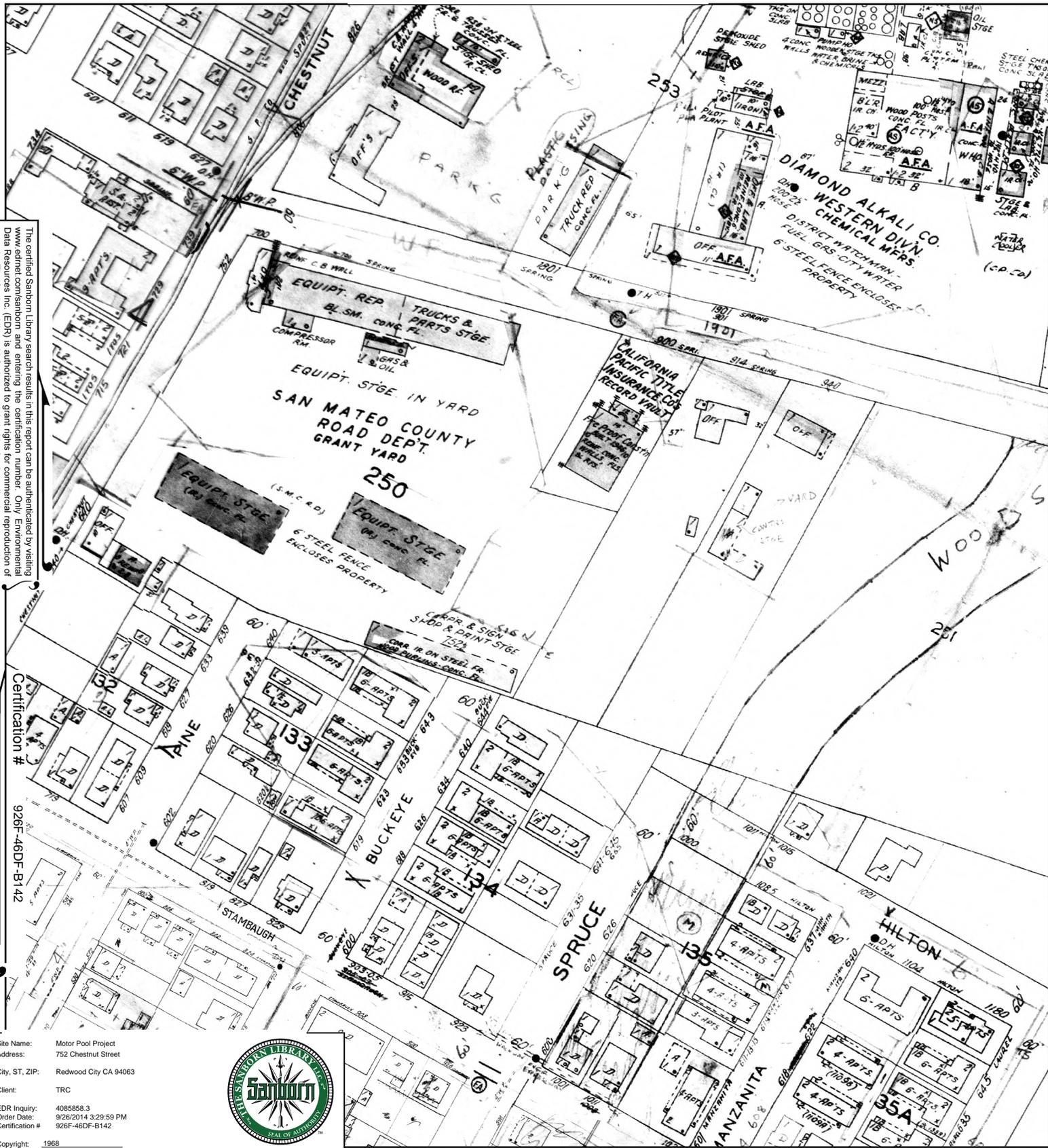
Volume 1, Sheet 41

1950 Source Sheets



Volume 1, Sheet 41

1968 Certified Sanborn Map



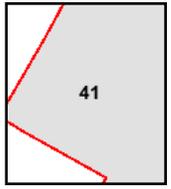
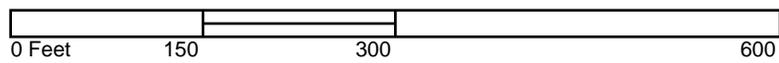
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Certification # 926F-46DF-B142

Site Name: Motor Pool Project
 Address: 752 Chestnut Street
 City, ST, ZIP: Redwood City CA 94063
 Client: TRC
 EDR Inquiry: 4085858.3
 Order Date: 9/26/2014 3:29:59 PM
 Certification #: 926F-46DF-B142



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 41



1962 Certified Sanborn Map

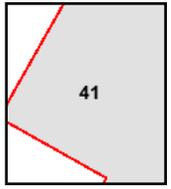
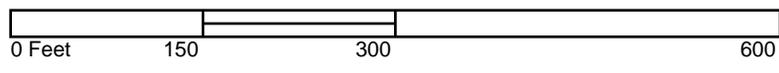
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 Order Date: 9/26/2014 3:29:59 PM
 Certification #: 926F-46DF-B142



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 41



1950 Certified Sanborn Map

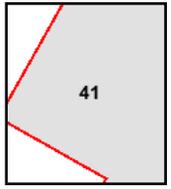
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Site Name: Motor Pool Project
 Address: 752 Chestnut Street
 City, ST, ZIP: Redwood City CA 94063
 Client: TRC
 EDR Inquiry: 4085858.3
 Order Date: 9/26/2014 3:29:59 PM
 Certification #: 926F-46DF-B142
 Copyright: 1950



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Volume 1, Sheet 41

City Directory Images



-

CHESTNUT ST 2013

511	OCCUPANT UNKNOWN
512	CRISTOFORO CUELLAR SANDRA LAZARO
519	JOSE GONZALES
527	ARTURO RODRIGUEZ CARMEN GARCIA
535	DOMINGO PALOMINO
537	LORENA RODRIGUEZ
548	JULIUS PHILLIPS
550	JACK JOHNSON
552	OCCUPANT UNKNOWN
590	ESPINDOLA ALVINO ESTELA ESPINDOLA MARIO LARA URIEL ESPINO
596	ARTURO CASTILLO JUAN ROBLES
622	JESSICA ARIAS TRACIE NORRIS
634	PAUL BRUMBAUGH ZUFAN HADERA
671	ALEX SANCHEZ
675	JOHN POWELL
715	EVARISTO ZAVALETA M MONTANO
721	ALMA AGUILAR CLAUDIA LOPEZ TIM FANELLI
729	ADAM OROZCO ALMA JIMENEZ CIRILO LUCERO DANIELLE GENEVRO GENARO RODRIGUEZ JACOBO FELIX JUAN SALAMANCA PABLO VAIL
739	APATSINGAN MEAT MARKET NEXXO FINANCIAL APATZINGAN TAQUERIA Y CARNICERIA APATZINGAN 2
752	SAN MATEO COUNTY OFFICES
819	VICENTE ZARAZUA
827	JAMES STRINGER
835	RAY BACH
843	GARY STILLIAN
901	NABIH GHOBRIAL

BUCKEYE ST 2013

441	MARCELINA ABARCA
511	MARIA GUTIERREZ
519	JESUS GONZALEZ
520	LUIS POSADA
527	OSVALDO VILLEGAS
528	SIXTO RAMIREZ
535	OCCUPANT UNKNOWN
618	ERICKA GARCIA
	JONNY LOPEZ
	JYNIFER TODD
	M VALDEZ
	RAUL MENDOZA
	ROBERT EOSILES
	TORRES VARELA
	TRANSITO GONZALEZ
619	JUAN ALVAREZ
	MARIO VILLA
	OSVALDO SALAS
	SONIA MARIA
623	ROSARIO RAMIREZ
	SEBASTIAN MENDEZ
	THERESA CONTRERAS
626	PATRICIA MADRIGAL
	WILFREDO ORELLANA
633	EVELIA SAAVEDRA
	GABRIEL ZARATE
	GUADALUPE CHAVEZ
	GUSTAVO GARCIA
	JUAN MARTINEZ
	JUANA OJEDA
634	ANGEL PUERTO
	CECILIA OROPEZA
	JUAN MARTINEZ
	JUDITH GUERRA
	MARIA SANCHEZ
	RODOLFO HERNANDEZ
640	ANGELINA RANGEL
	GENARO GONZALEZ
	JOSE MATA
	PERLA PIMENTEL
	PIERRE JOHNSON
	TERESA OCHOA
643	DEJON BOLTON
	ETHEL GARCIA
	JOSE AGUILAR
	JOSE ROJAS
	THALIA AYALA
644	DANIEL PARSONS
654	ALFONSO ESQUEDA
655	JOHN GAO



-

CHESTNUT ST 2008

511 NANCY AYMAMI
 512 CRISTOFORO CUELLAR
 JOSE OREJEL
 RAMIRO ZUNIGA
 SANDRA LAZARO
 519 JOSE GONZALES
 527 ARTURO RODRIGUEZ
 CARLO GOMEZ
 CARMEN GARCIA
 LORENZO CORREO
 SANDRA CURINCITA
 535 DOMINGO PALOMINO
 537 LORENA RODRIGUEZ
 548 OCCUPANT UNKNOWN
 550 OCCUPANT UNKNOWN
 552 JACK JOHNSON
 590 ABEL VILLANUEVA
 DANIEL MORENO
 MANUEL CERVANTES
 MARIO LARA
 RODOLFO BAEZ
 596 AGUSTIN ANGULO
 EDGAR PARRAS
 ELISEO HERRERA
 MARIBELLE CASTRO
 MYRA PARRAS
 622 ANITA ARIAS
 ANITA CASTRO
 ROBIN COBB
 ROBIN SMITH
 634 PAUL BRUMBAUGH
 ZUFAN HADERA
 675 CHRISTINA POWELL
 JOHN POWELL
 715 ANNA GUTTIEREZ
 CANO TRUJILLO
 EVARISTO ZAVALETA
 FLORENCE FUNG
 M MONTANO
 OSVALDO JIMENEZ
 PABLO VAIL
 SERGIO RODRIGUEZ
 VINCENTE GUTIERREZ
 721 ALEJANDRO MONROY
 ALMA AGUILAR
 CLAUDIA LOPEZ
 MARIA GARCIA
 729 ADAM OROZCO
 CIRILO LUCERO
 JACOBO FELIX

CHESTNUT ST 2008 (Cont'd)

729	JUAN SALAMANCA OCTAVIA CUEVAS OSCAR GOMEZ RENATO VAIL VERNA BROWN
752	COUNTY OF SAN MATEO
819	EFFEN ENTERTAINMENT VICENTE ZARAZUA
827	JAMES STRINGER
835	COMMUNITY FINANCIAL & RE SERVICE JOCTAN RAMON JOCTANS MOBILE NOTARY SERVICES
843	MICHAEL COURTNEY
901	NABIH MALATY
1023	BAY AREA SCHOOL OF LOCKSMITHING

BUCKEYE ST 2008

441	ANTONIO MORENO
511	TEOFILO DUARTE
519	JESUS GONZALEZ
520	ELSA MAROQUIN
527	ALFONSO GOMEZ
528	PASCUAL RAMIREZ
535	MOISES NERIO
	QUALITY CLEANING SERVICE
618	GILBERTO OROZCO
	RAUL MENDOZA
	REYES BARAJAS
	ROGELIO LOPEZ
	TORRES VARELA
619	AMPARO PLAZA
	FABIOLA SERRANO
	GLORIA REDUELTA
	JAVIER RODRIGUEZ
	MIGUEL HARO
623	EULALIA FLORES
	JOSE JIMENEZ
	ROSAMARIA AMEZCUA
	SEBASTIAN MENDEZ
626	AMARILIS MARROQUIN
	ELIZABETH GAMAS
	REYES GARCIA
633	GABRIEL ZARATE
	JUAN MARTINEZ
	LOUISE GUZMAN
	M MELGOSA
	OMAR ALZGOUL
	VICTOR SANCHEZ
634	ANGEL PUERTO
	GIL POSADA
	MARIA SANCHEZ
	MARTIN BUSTOS
	RODOLFO HERNANDEZ
	YADIRA ALARCON
640	DEYANIRA ALVAREZ
	GENARO GONZALEZ
	SENON ADAME
	TERESA OCHOA
	URIEL ESPINO
	VI JOSEPH
643	LUIS ESQUEDA
	PATRICIA AYALA
	SHALAWN WILLAIMS
644	DANIEL PARSONS
654	ALFONSO ESQUEDA
655	JOSE AGUIRRE

CHESTNUT ST 2003

511	ALFONSO PEREZ
512	EDUARDO TAPIA
	JOSE OREJEL
	RAMIRO ZUNIGA
	RUDY CHAN
519	JOSE GONZALES
527	CARLO GOMEZ
	CARMEN GARCIA
	LORENZO CORREO
535	JOSE CASTILLO
537	RAFAEL MUNIZ
548	OCCUPANT UNKNOWN
550	KIM NAVARRO
552	JACK JOHNSON
590	ADRIAN FLORES
	DELIA RAMOS
596	AGUSTIN ANGULO
	MARCO HERRERA
622	ANITA ARIAS
	ANITA CASTRO
	ROBERT COBB
675	OCCUPANT UNKNOWN
715	FLORENCE FUNG
	JOSE SANCHEZ
	SM CERAMIC TILE
721	ALMA AGUILAR
	MARIA GARCIA
	NORMA LOPEZAGUILERA
729	ANTONIO HERNANDEZ
	BENITO ZUNIGA
	CIRILO LUCERO
	GLORIA BARRERA
	ISABEL RAMIREZ
	JOSE CERVANTES
	JOSE SALGADO
739	HIDEAWAY RESTAURANT
	RAFAEL IBARRA
	SPENCER AMA
819	VICENTE ZARAZUA
827	RENEE STRINGER
835	BARBARA BORJA
843	MICHAEL COURTNEY
898	LAMONT SHADOWENS
901	ENTESAR EBEID
1023	MENERVA TECHNOLOGIES INC
	ROBERT PETROSSIAN

BUCKEYE ST 2003

441	NICOLAS ABARCA
511	ADA CASTANEDA RUBEN ZAMORA
519	JESUS GONZALEZ
520	LUIS POSADA
527	JOSE ROMERO
528	VIOLETA TORRES
535	TERESA MINERO
618	ANDRES REYES MARIA CEN SUNNY HOUSE CLEANING VICTOR ACOSTA
619	GLORIA REDUELTA MARIA RODRIGUEZ MARIA RODRIGUEZ
623	ALBERTO SALGADO DANIEL GARCIA GENARO COLENARES SEBASTIAN MENDEZ
626	ALBERTO ARELLANO JOSE GARCIA MARIA JIMENEZ TIRSO REYES
633	ENOC MORALES JUAN ARROYO JUAN MARTINEZ JUANA BARAJAS M MELGOSA OMAR ALZGOUL
634	ANA ABARCA JAMES EDE JUAN OROSCO JUANA LUGO RUBI LARA YADIRA ALARCON
640	MARCOS FELIX MIGUEL ESCATEL URIEL ESPINO
643	GABRIELA ANGELES GUSTAVO VAROMORA JOSE CIRIACO LUIS ESQUEDA MIGUEL PACHECO
644	REBECCA PARSONS
654	ALFONSO ESQUEDA
655	JOSE AGUIRRE



-

CHESTNUT ST 1999

511	NANCY AYMAMI
512	CRISTOFORO CUELLAR SANDRA LAZARO
519	JOSE GONZALES
527	CARLO GOMEZ CARMEN GARCIA JUDITH GONZALES LORENZO CORREO OCCUPANT UNKNOWN
535	DOMINGO PALOMINO OCCUPANT UNKNOWN
537	LORENA RODRIGUEZ
548	JULIUS PHILLIPS
550	JACK JOHNSON
552	MARIA CHICAS
590	ABEL VILLANUEVA DANIEL MORENO MARIO LARA RODOLFO BAEZ
596	AGUSTIN ANGULO ARMANDO CASTANEDA ELISEO HERRERA MARIBELLE CASTRO MYRA PARRAS XOTCHIL SANTOS
622	ANITA ARIAS ROBERT COBB
634	MARTA ABAY PAUL BRUMBAUGH ZUFAN HADERA
675	CHRISTIN POWELL
715	ANNA GUTTIEREZ ARMANDO BRIJIL CANO TRUJILLO EVARISTO ZAVALA FLORENCE FUNG M MONTANO MIGUEL VALDEZ VINCENTE GUTIERREZ
721	ALEJANDRO MONROY ALMA AGUILAR CLAUDIA LOPEZ
729	ADAM OROZCO JACOBO FELIX JUAN SALAMANCA OCTAVIA CUEVAS PABLO VAIL RENATO VAIL ROSAURA CERVANTES
752	SAN MATEO CNTY OFFICES CONTD PUB WORKS DEPARTMENT CONTD

CHESTNUT ST 1999 (Cont'd)

752 SAN MATEO CNTY OFFICES CONTD RAPE CRISIS SERVICE
SAN MATEO CNTY OFFICES CONTD SENIOR CITIZENS INFORMATION
SAN MATEO CNTY OFFICES CONTD SHER DEPARTMENT HALL
SAN MATEO COUNTY OFFICES PUBLIC WORKS DEPARTMENT
SAN MATEO COUNTY OFFICES TAX COLLECTOR
819 VICENTE ZARAZUA
827 JAMES STRINGER
835 JOCTAN RAMON
843 MICHAEL COURTNEY
898 BURKE SALES COMPANY
SHADOWENS LAMONT ATTORNEY
901 NABIH MALATY
1023 EVCOR SYSTEMS
1107 BAY IMAGING OFFICE

BUCKEYE ST 1999

441	ANTONIO MORENO OCCUPANT UNKNOWN
511	PATRICIA QUITANA TEOFILO DUARTE VICENTE CAMARENA
519	JESUS GONZALEZ OCCUPANT UNKNOWN
520	ELSA MAROQUIN
527	OSVALDO VILLEGAS
528	JOSE GUEVARRA
535	MOISES NERIO
618	JESUS MADRIGAL RAUL MENDOZA REYES BARAJAS ROGELIO LOPEZ TORRES VARELA
619	AMPARO PLAZA FABIOLA SERRANO MANUEL GONZALES OMAR RODRIGUEZ OSVALDO SALAS P PLAZA SEBASTIAN MENDEZ
623	ANA CHAVEZ ROSAMARIA AMEZCUA
626	PATRICIA MADRIGAL
633	ABRAHAM GARCIA JOAQUIN CERVANTEZ JOSE CHAVEZ JUAN MARTINEZ LOUISE GUZMAN NORBERTO AGUILAR OMAR ALZGOUL
634	ANGEL PUERTO CECILIA OROPEZA GIL POSADA JUVENAL COLUNGA MARIA SANCHEZ RODOLFO HERNANDEZ YADIRA ALARCON
640	ANGELINA RANGEL ANNA VENTURA DEYANIRA ALVAREZ GENARO GONZALEZ MECHELLE GORHAM-LANDRY ROCHELLE CLEAVER SONJA JONES TERESA OCHOA URIEL ESPINO
643	JOSE ROJAS

BUCKEYE ST 1999 (Cont'd)

643	LUIS ESQUEDA PATRICIA AYALA SHALAWN WILLAIMS
644	DANIEL PARSONS
654	ALFONSO ESQUEDA LISA CARRENO
655	JOSE AGUIRRE

CHESTNUT ST 1995

511	ESPARZALOPEZ, MARIA
512	SOLIS, LEOPOLD
519	GONZALES, JOSE M
527	ROJAS, MARIA
535	SANDOVAL, MARIA
537	DIARTE, BUENAVE
548	OCCUPANT UNKNOWNN
550	OCCUPANT UNKNOWNN
552	JOHNSON, JACK
572	OCCUPANT UNKNOWNN
590	BAEZ, ROBLEDO R
	BARRERA, JOSE
596	BEJARANO, CECILIA
	CALDERON, DANIEL
	CRUZ, GUSTAVO
	GONZALEZ, MARI
	MALAGON, EFRAIN
	VALDIVIA, ALEJO
715	MONROY, ALEJAND
721	GARCIA, MARIA
729	ESQUIVEL, JOSE L
	MENDOZA, LUIS
	WATI, DAYA
739	HIDEAWAY FAMILY RESTAURANT
	OCCUPANT UNKNOWNN
752	GRANT CORPORATION YARD
819	OCCUPANT UNKNOWNN
827	OCCUPANT UNKNOWNN
835	MEDINA, LARRY
898	LAMONT SHADOWENS
	SHADOWENS REALTY
	TOYO INTERNATIONAL CORP
1023	AIR FILTER CONTROL
1107	CONSIDER THE LILIES
1111	JIMS MOTOR CITY TIRES

BUCKEYE ST 1995

441	GARAY, ANA D
442	PULIDO, ROBERTO
511	SANCHEZ, JOSE L
520	MARTINEZ, MISAEL
527	OCCUPANT UNKNOWNN
528	OCCUPANT UNKNOWNN
535	CURINCITA, ENRIQUE
618	ACOSTA, VICTOR
619	CALDERON, JOSEFIN
	GARCIA, DANIEL
623	DELGADO, JOSE
	NAVA, MIRNA
	WILLMS, KURA
626	ARELLANO, ALBERTO
	GALINDO, GUZMAN H
	RIOS, JESUS M
633	MARTINEZ, JAIME
	RUIZ, ADRIANA
634	ROMERO, ANA
638	OCCUPANT UNKNOWNN
640	AVALOS, MARTIN M
	BAUTISTA, MARTHA
	CASILLAS, GABRIEL
643	HERNANDEZ, FELIX
644	PARSONS, REBECCA
654	ESQUEDA, ALFONSO

CHESTNUT ST 1992

511	VILLEGAS, ELENA
512	MARTINEZ, MORA M VASQUEZ, H
527	VARGAS, JESUS
537	DIARTE, B
548	TURIELLO, RAY
552	JOHNSON, JOHN
596	BEJARANO, CECILIA ESQUIVEL, A D MALAGON, EFRAIN
671	PACHECO, MARTINA
721	GARCIA, MARIA
729	ESQUIVEL, JOSE I
739	HIDEAWAY RESTAURANT PRICE, LARRY
752	SMTO CO WRKS YARD
835	MEDINA, LARRY
843	GOLDSMITH, LARRY
898	ELLIOTT ENTPRS OPTO DATA SHADOWENS L ATTY
1023	AIR FILTER CONTROL
1107	CONSIDER THE LILIES
1111	JIMS MOTOR CTY TIRE MOTOR CITY TIRES

BUCKEYE ST 1992

441	GARAY, ANA D
520	ARCHIBALD, EMANUEL R
528	SANDOVAL, VILIL J
535	CLARK, THOMAS B
618	TOSCANO, C
626	GALINDO, GUZMAN H
	GALLEGOS, ROSA
	RIOS, JESUS M
633	ANSELMO, JIMENEZ
	ESPINOZA, HECTOR
634	RAMIREZ, EDUARDO
640	AGUILAR, G
	VILLALVAZO, NARDA
643	GERONIMO, M
	NIEVES, GERARDO
654	ESQUEDA, ALFONSO

**CHESTNUT ST 1985**

504	MAGALLON JORGE O	367-7089	4
508	PONCE ROSARIO	365-7478	3
548	TURIELLO RAYMOND J	366-7789	+5
550	SOTO RITA	365-8423	4
552	JOHNSON JOHN	365-7287	+5
590	HEITMAN TIM	363-5920	+5
	PEREZ JUAN VINCENTE	363-2462	+5
596	HECK JEFF	368-9170	+5
	KEEN JAS L	364-9071	+5
634	AGOADO ROBT SR	367-0649	+5
	HAWKINHULL TINA	364-6205	+5
	NAVARRO JOSE LUIS	364-0270	+5
671	XXXX	00	
675	CHEEVER SHEILAH J	367-9367	+5
702	XXXX	00	
715	FORDTUCKER ENRIQUE	366-3712	+5
721	JOHNSON JANIS	365-9797	+5
729	MATHEWS PAUL	368-9096	3
	MEDRANO GILBERTO M	364-3267	+5
	VERGARA ALEJANDRA	365-6048	4
739	HIDE A WAY RESTRNT	368-9513	2
752	SMTO CO PUB WK YARD	363-4145	+5
800	DIAMOND SHAMROCK	369-0071	9
	DUOLITE INTL INC	369-0071	
819	ZARAZUA VICENTE	369-4391	0
820	XXXX	00	
822	XXXX	00	
827	HECK HARRY L SR	364-3476	
835	XXXX	00	
843	GOLDSMITH LARRY	367-1237	0
898	COLLINS RADIO GROUP	365-3364	7
	PODESTAS OF CALIF	368-6097	1
	SHADOWENS REALTY	368-0200	+5
901	XXXX	00	
1019	XXXX	00	
1023	AIR FILTER CONTROL	367-8310	3
1111	MOTOR CITY TIRE INC	366-9777	2
	MOTOR CITY TIRES	367-9200	1
1115	NORTHN CA ANTHES	369-1706	+5
1125	XXXX	00	
1135	BRITSCHGIS J AT RPR	368-8181	3
	G&S INDUSTRIAL SALVGE	367-7477	3
	VANEGMOND ROBERT	364-7369	+5
1170	XXXX	00	
	★ 18 BUS	56 RES	23 NEW

✓

BUCKEYE ST 1985

404	XXXX	00
411	XXXX	00
412	XXXX	00
413	XXXX	00
420	DAVIS BILLY E	364-3442 4
421	XXXX	00
427	VAZQUEZ URIEL	361-1854 2
428	GROMOFF FEODOR E	368-4354
441	BURCIAGA RUTH	365-8161 +5
442	XXXX	00
511	XXXX	00
519	MARTINEZ EDUARDO G	365-2649 3
520	ARCHIBALD E R	366-3248
527	URZUA LUIS S	366-3675 1
528	URENA ANTONIO B	369-3846 0
535	CLARK THOS B	366-3730
618	GARCIA ALFREDO R	364-2165 2
	LAU JOSE	365-0952 +5
	MARAVILLA JOSE	363-8627 +5
	WILLIAMS RICHARD	364-9490 +5
619	BARAJAS ISABEL	364-9221 +5
	LOZOYA ROSELIA	365-9137 +5
	MARQUEZ VIRGINIA T	364-0649 4
	RAMIREZ SERGIO	368-1985 8
623.....	APARTMENTS	
	BAFFICO ANDREW D	368-1734 +5
	LOPEZ GABRIEL	366-7520 +5
	PEREDA CLEOFAS	364-9538 +5
	TORRES RAUL	364-0342 +5
	VASQUEZ NENA	369-6821 +5
623.....		
626	BARAJAS TRINIDAD M	366-6218 +5
	MONROE B K	365-1061 4
	PULIDO MARIO	369-7674 +5
633	MORALES ERNESTO	368-0783 +5
	VILLAGOMEZ FELIPE	369-4169 +5
	VILLAVICENCIO E	367-7235 +5
634	DECOSTA LAWRENCE	364-4895 +5
	LOPEZ ROCIO	365-7187 +5
	MARSEGLIA FRANK C	367-1809 3
	RODRIGUEZ LEONARDO	367-7599 +5
640	LUCERO ABIGAIL P	367-1081 2
	MARTINEZ ARSENIA	364-6340 3
	NAVARRO ANTONIO A	368-0192 2
643	XXXX	00
654	ESQUEDA ALFONSO	365-3143 6
655	XXXX	00
★	2 BUS	68 RES
		26 NEW

CHESTNUT ST 1980

504	XXXX	00
508	XXXX	00
511	XXXX	00
512	FLYNN FRANK	367-8055+0
	RUSSELL PAUL	365-1273+0
519	GUTIERREZ G	368-3496+0

CHESTNUT ST 1980

CHESTNUT		94063 CONT
527	MARTINEZ CARMEN P	366-3922+0
537	XXXX	00
548	XXXX	00
552	XXXX	00
590	PERES SOCORRO	365-1016+0
	RAMIREZ GELACIO	364-4551 7
	RAMIREZ MARIA R	366-3666 9
596	ALVAREZ ROGELIO G	368-9001 8
	ANAYA MANUEL	365-3576 7
	JOHNSON JOHN	365-7287 4
671	SANCHEZ CARLOS	367-9721+0
675	MCDONALD GEORGIA	366-4036 4
702★	CO SMTO WGHT&MEASRS	364-5600
715	XXXX	00
721	HOBLE J	366-0432 9
729	GIL GRACE	364-9260 8
	GONZALEZ DAVID	364-6204+0
	LOFQUIST JEWEL	369-0519
	MATHEWS PAUL	368-9096 9
739★	HIDE A WAY RESTRNT	368-9513+0
★	URSINO RESTAURANT	365-9996+0
752★	CO SMTO PUB WKS YRD	364-5600
800★	DIAMOND SHAMROCK	369-0071 9
819	ZARAZUA VICENTE	369-4391+0
820	XXXX	00
822	XXXX	00
827	HECK HARRY L SR	364-3476 5
835	MAGEE HOWARD	364-8697+0
843	GOLDSMITH LARRY	367-1237+0
898★	COLLINS RADIO GROUP	365-3364 7
★	DEVONSHIRE INVSTMT	365-8234
★	LAKELAND HOMES INC	364-5225 3
★	SHADOWENS REALTY	364-5225 3
901	XXXX	00
1023★	SPACE AIR CONDTG	365-8383+0
★	SPACE CONSTRUCTION	368-2871+0
1111★	MOTOR CITY TIRES	366-9777+0
1115★	ADVANCE SCAFFOLD	369-1706
1125	MCCALL FLOYD A JR	368-8504 9
1135	BELL MARINE	369-9189 6
★	BRITSCHGIS J ATO RP	368-8181 8
★	KAY DEL EQPMNT RNTL	369-9188 5
1170	XXXX	00
★	20 BUS 66 RES	31 NEW

CHESTNUT ST 1977

504	ALVAREZ VINCENT	366-5464
508	XXXX	00
511	XXXX	00
512	CRAWFORD MARK	369-6935+7
	TOTH JOSEPH M	366-2157+7
519	HARMS CELESTINE	364-4667 5
	HARMS FRANS F	364-4667 5
537	XXXX	00
550	SOTO JOE	366-4177
552	XXXX	00
590	RAMIREZ GELACIO	364-4551+7
596	ANAYA MANUEL	365-3576+7
	JOHNSON JOHN	365-7287 4
	LOMAS ADRIAN A	365-2507+7
	RZADCA SOPHIA	364-6856 6
671	SALSEDO ANGELINE	366-7392 6
675	MCDONALD GEORGIA	366-4036 4
702*	SMTO WEIGHTS&MEASRE	364-5600 6
715	ALBRITTON RONNIE	365-5701+7
	CORTEZ EVA	364-3145 5
721	DAWSON MICHAEL F	366-5120+7
	JANSOHN JON	364-3998+7
729....	APARTMENTS	
3	LOFQUIST JEWEL	369-0519
	MARTONE W	365-3396+7
	NOLAN ROOK	366-0205 6
	SAATHOFF GORDON	365-1933+7
	SHEARER ROBERT	368-2421 4
729.....		
739	ANDREINI CAROLINE	366-2900+7
	*HIDE A WAY RESTRNT	365-9996
	*MANGINI ALBERT	365-9996 4
752*	SMTO CO ENGR&ROAD	364-5600 6
819	WALMISLEY DAVID	364-0816+7
820	XXXX	00
822	XXXX	00
827	HECK HARRY L SR	364-3476 5
835	LINDFORS WILLIAM	369-5036+7
898*	AIRMENS REALTY	364-5225 3
	*COLLINS RADIO GROUP	365-3364+7
	*DEVONSHIRE INVSTMT	365-8234
	*LAKELAND HOMES INC	364-5225 3
	*SHADOWENS REALTY	364-5225 3
	*TOYO INTL CORP	364-5225+7
901	XXXX	00
1023*	FLOOD CNSTRCTN CO	364-1167
	*S&M SPRINKLER CORP	368-3393 5
1111*	MOTOR CITY TIRES	366-9777
1115*	ADVANCE SCAFFOLD	369-1706
1135*	BELL MARINE	369-9189 6
	*ERNIES UPHOLSTERY	369-3221+7
	*KAY DEL EQPMNT RNTL	369-9188 5
1700	MATTIOLI ANGELO	345-7647 3
*	20 BUS 65 RES 29 NEW	

✓

BUCKEYE ST 1977

404	GARZA MOISES	369-2402
412	XXXX	00
420	XXXX	00
421	POLYNIAK D M	369-9376 4
427	XXXX	00
428	GROMOFF FEODOR E	368-4354 4
435	SMITH BEN F	369-9518
436	XXXX	00
438	IVEY DAVID	364-4883+7
439	XXXX	00
440	XXXX	00
441	DAVIS SHIRLON	368-2401 6
442	XXXX	00
511	COKER JOHN H	369-2349
	TROXELL WILBERT H	366-1431+7
519	WILLIAMS NORTON A	366-5154 6
520	ARCHIBALD E R	366-3248
527	ROGLER CHARLES E	368-6097+7
535	CLARK THOMAS B	366-3730
618	ANGELES ESTELA P	364-0779+7
	RODRIGUEZ F	366-4287+7
	SANDERS LYNN	364-0706+7
619	GONZALES MARTIN SR	366-5859+7
	GONZALEZ MARIO	365-4735+7
	ROSSI MILDRED	365-7723
	VALENCIA DORA	366-1766+7
623	JIMENEZ J	364-8691+7
	ORTEGA ALICE	368-6586 5
626	POLLARD LARRY	364-9259+7
	POPPLEWELL GEORGE	364-6578+7
633	KIRCHHOFER R A	365-5841 4
	MOLNAR CAROL A	368-8271 4
	SMITH M	364-3961+7
634	BURROWS JOHN	364-0916 6
	LAEDERICH BOB	369-5614+7
	MERIDETH LEE B	366-9050+7
	WETMORE J T	366-1812
640	MARTINEZ ARSENIA	364-6340 4
	MCBRIDE DWIGHT	364-0946+7
	VORA DIPAK	364-1368+7
	WOLONTIS NIKKI	365-7825+7
643	JOHNSTON BRUCE	364-7538 5
	REGAS STEVE	369-3010+7
654	ESQUEDA JOSE H	365-3143 6
655	ROGERS EDWARD	369-1643+7
	* 2 BUS 64 RES 25 NEW	



Motor Pool Project

752 Chestnut Street
Redwood City, CA 94063

Inquiry Number: 4085858.4

September 26, 2014

EDR Historical Topographic Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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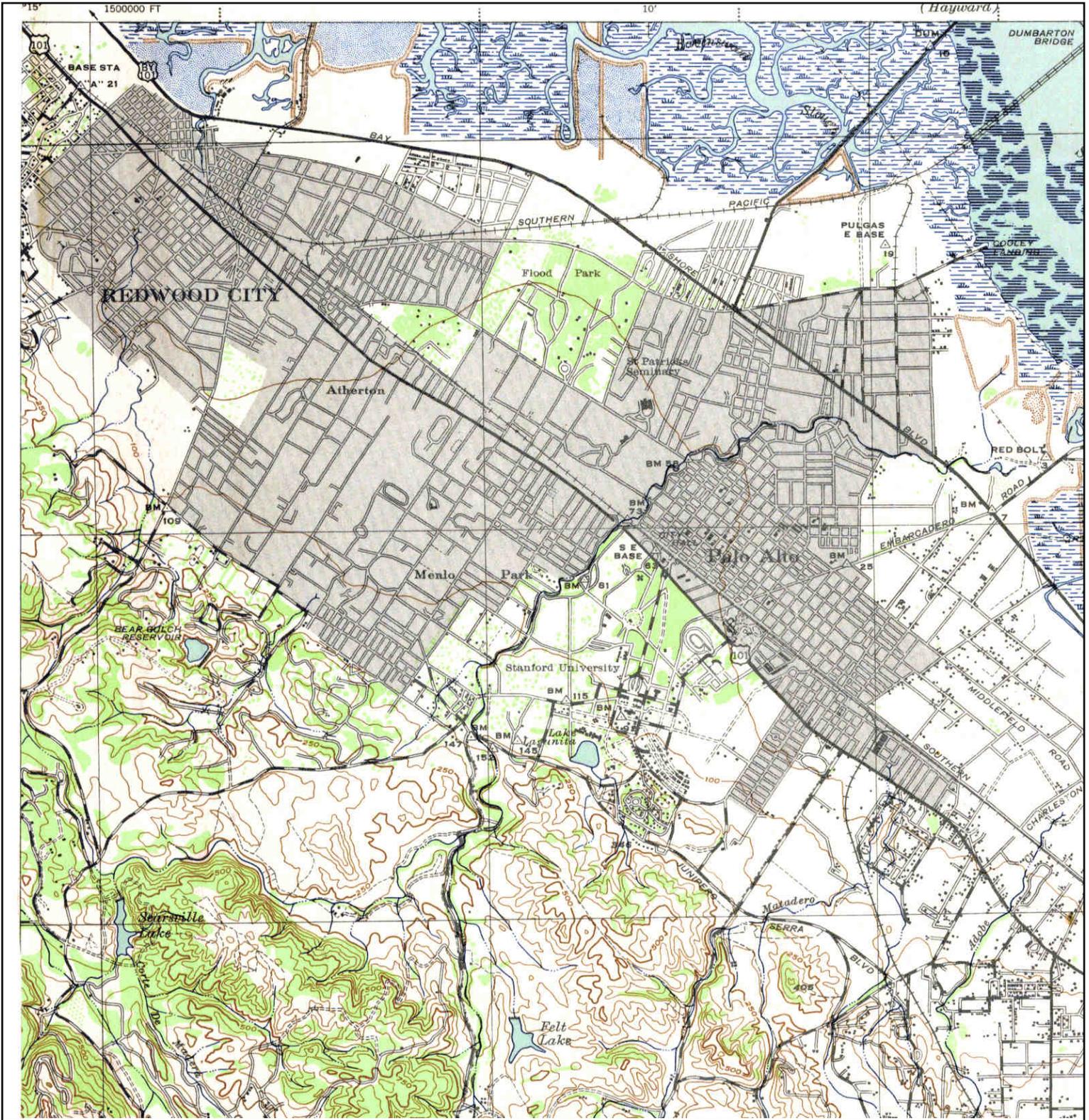
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Historical Topographic Map



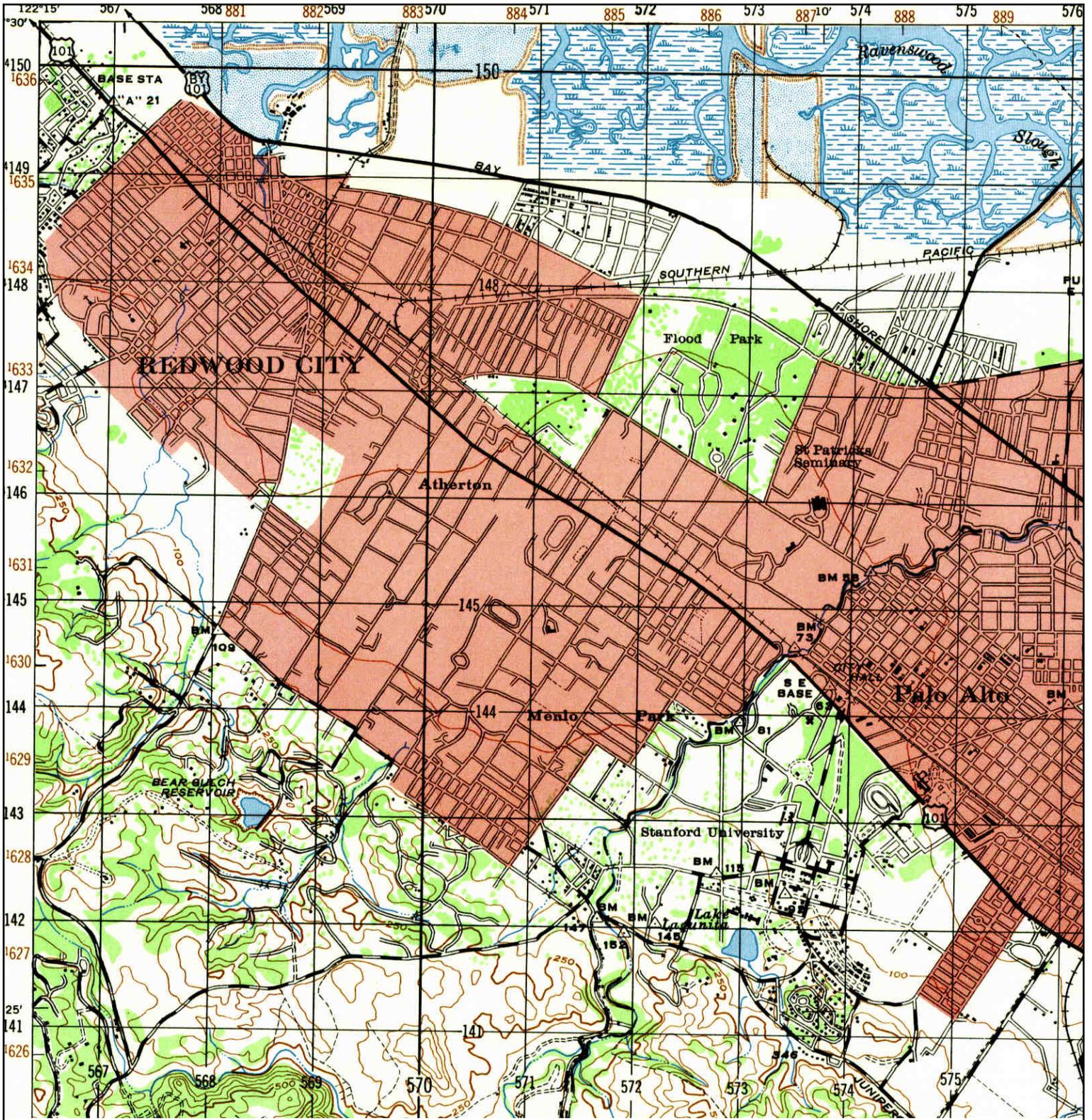
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	NAME: SANTA CRUZ	ADDRESS: 752 Chestnut Street	CONTACT: Lauren Kohli
	MAP YEAR: 1902	Redwood City, CA 94063	INQUIRY#: 4085858.4
	SERIES: 30	LAT/LONG: 37.4836 / -122.2186	RESEARCH DATE: 09/26/2014
	SCALE: 1:125000		

Historical Topographic Map



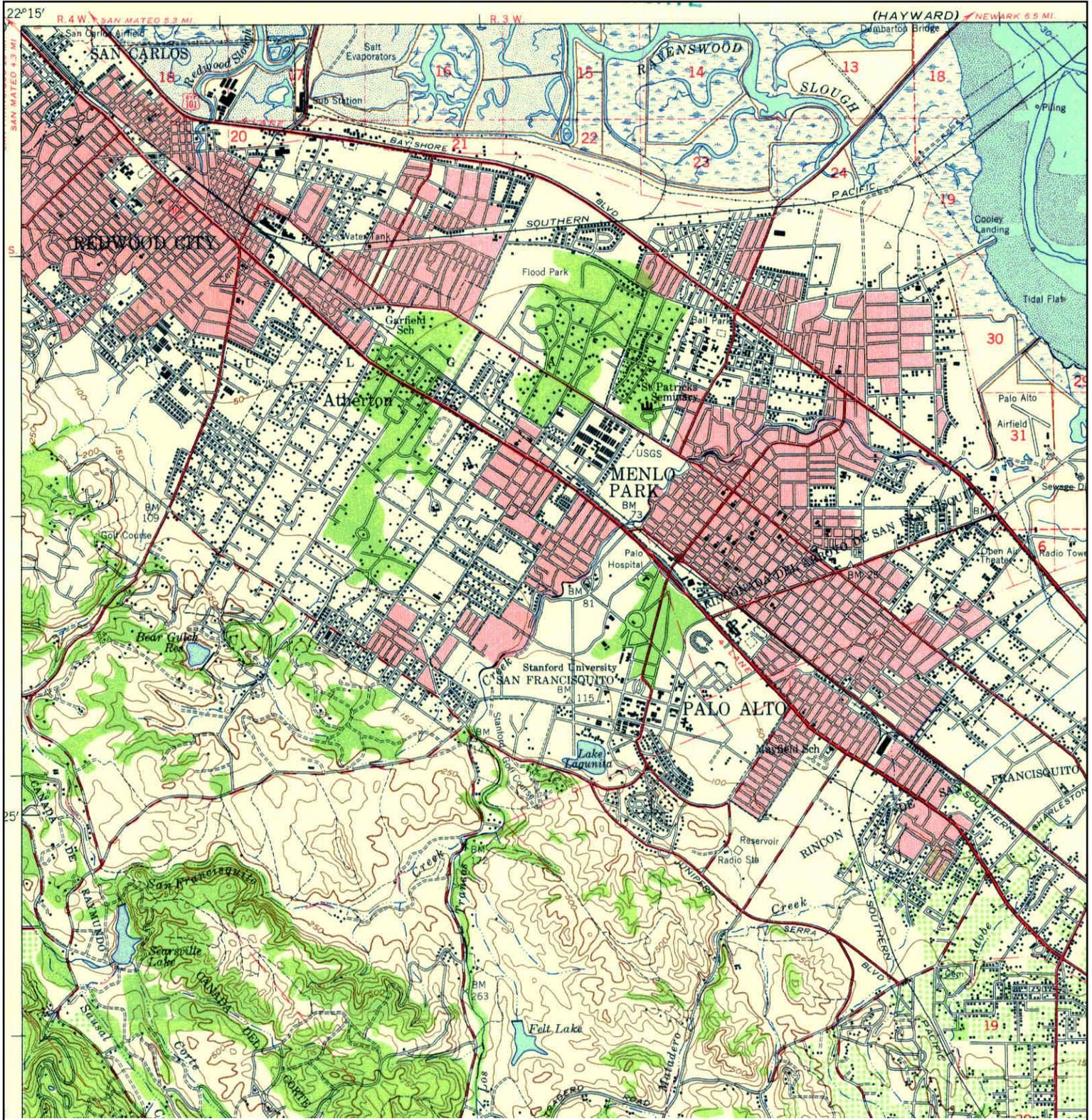
	TARGET QUAD	SITE NAME: Motor Pool Project	CLIENT: TRC
	NAME: PALO ALTO	ADDRESS: 752 Chestnut Street	CONTACT: Lauren Kohli
	MAP YEAR: 1943	LAT/LONG: 37.4836 / -122.2186	INQUIRY#: 4085858.4
	SERIES: 15		RESEARCH DATE: 09/26/2014
	SCALE: 1:62500		

Historical Topographic Map



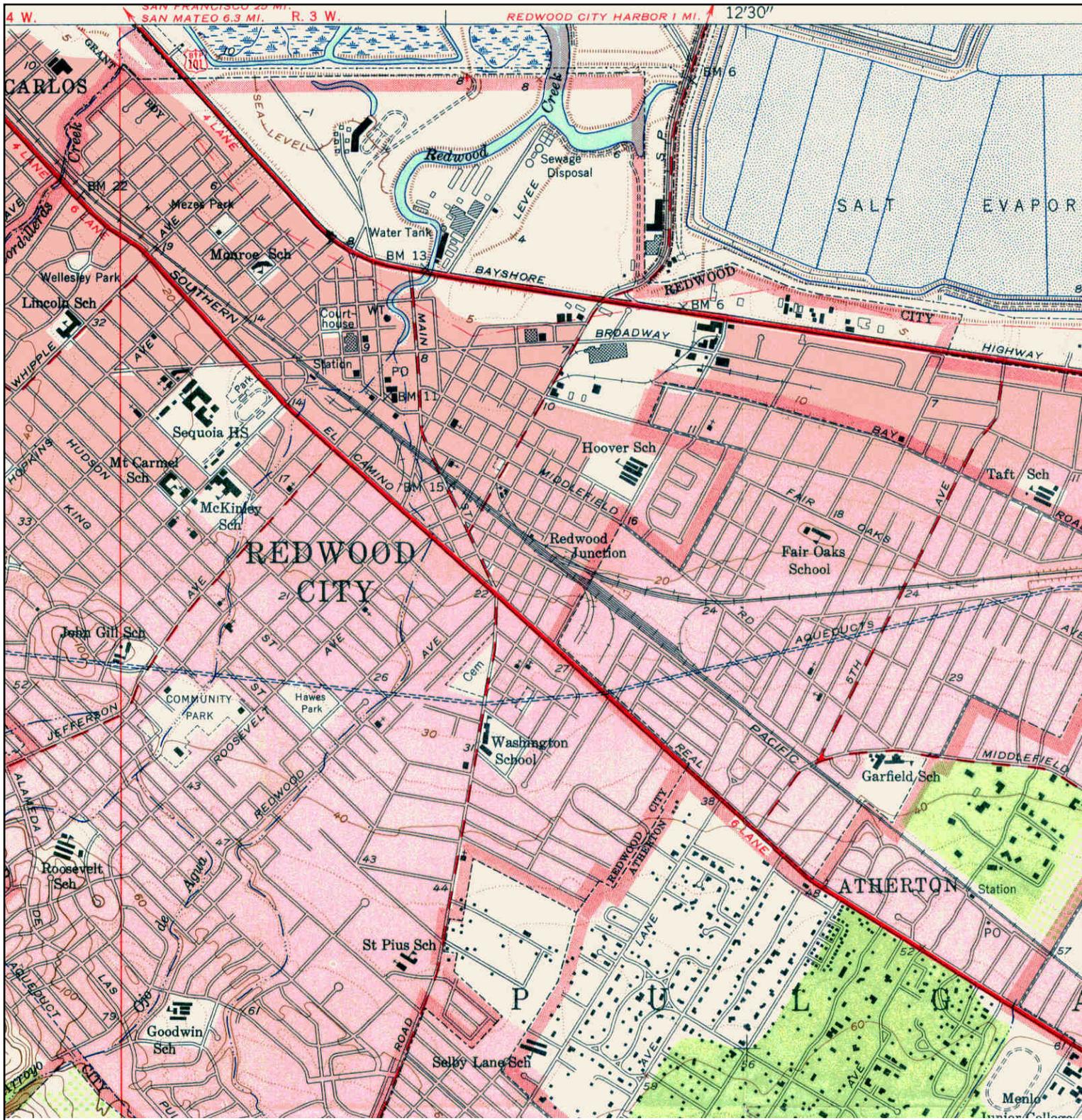
<p>N</p> 	TARGET QUAD	SITE NAME: Motor Pool Project	CLIENT: TRC
	NAME: PALO ALTO	ADDRESS: 752 Chestnut Street	CONTACT: Lauren Kohli
	MAP YEAR: 1947	Redwood City, CA 94063	INQUIRY#: 4085858.4
	SERIES: 15	LAT/LONG: 37.4836 / -122.2186	RESEARCH DATE: 09/26/2014
	SCALE: 1:50000		

Historical Topographic Map



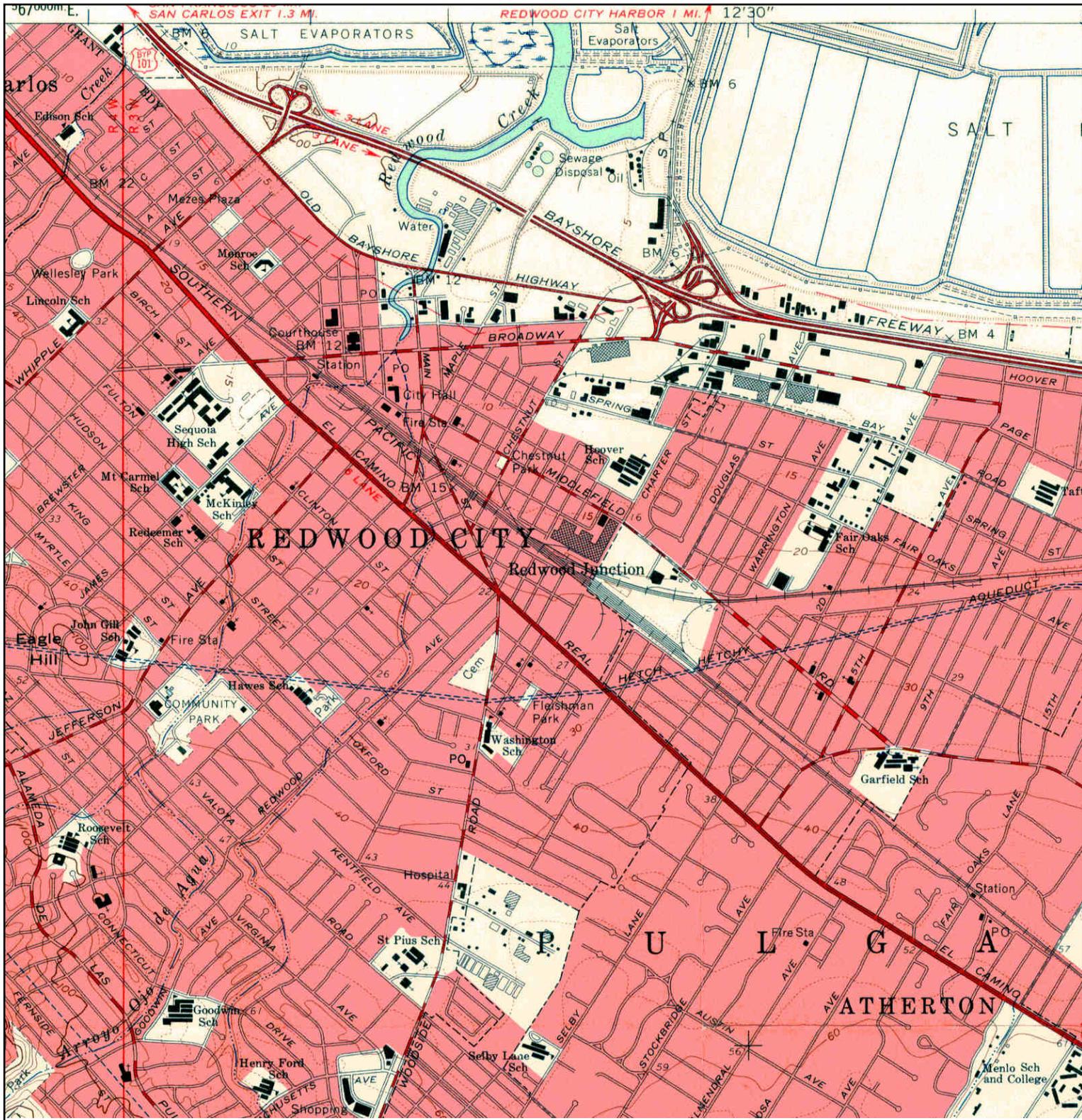
	TARGET QUAD	SITE NAME: Motor Pool Project	CLIENT: TRC	
	NAME: PALO ALTO	ADDRESS: 752 Chestnut Street	CONTACT: Lauren Kohli	
	MAP YEAR: 1948	LAT/LONG: 37.4836 / -122.2186	INQUIRY#: 4085858.4	RESEARCH DATE: 09/26/2014
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	SCALE: 1:62500			

Historical Topographic Map



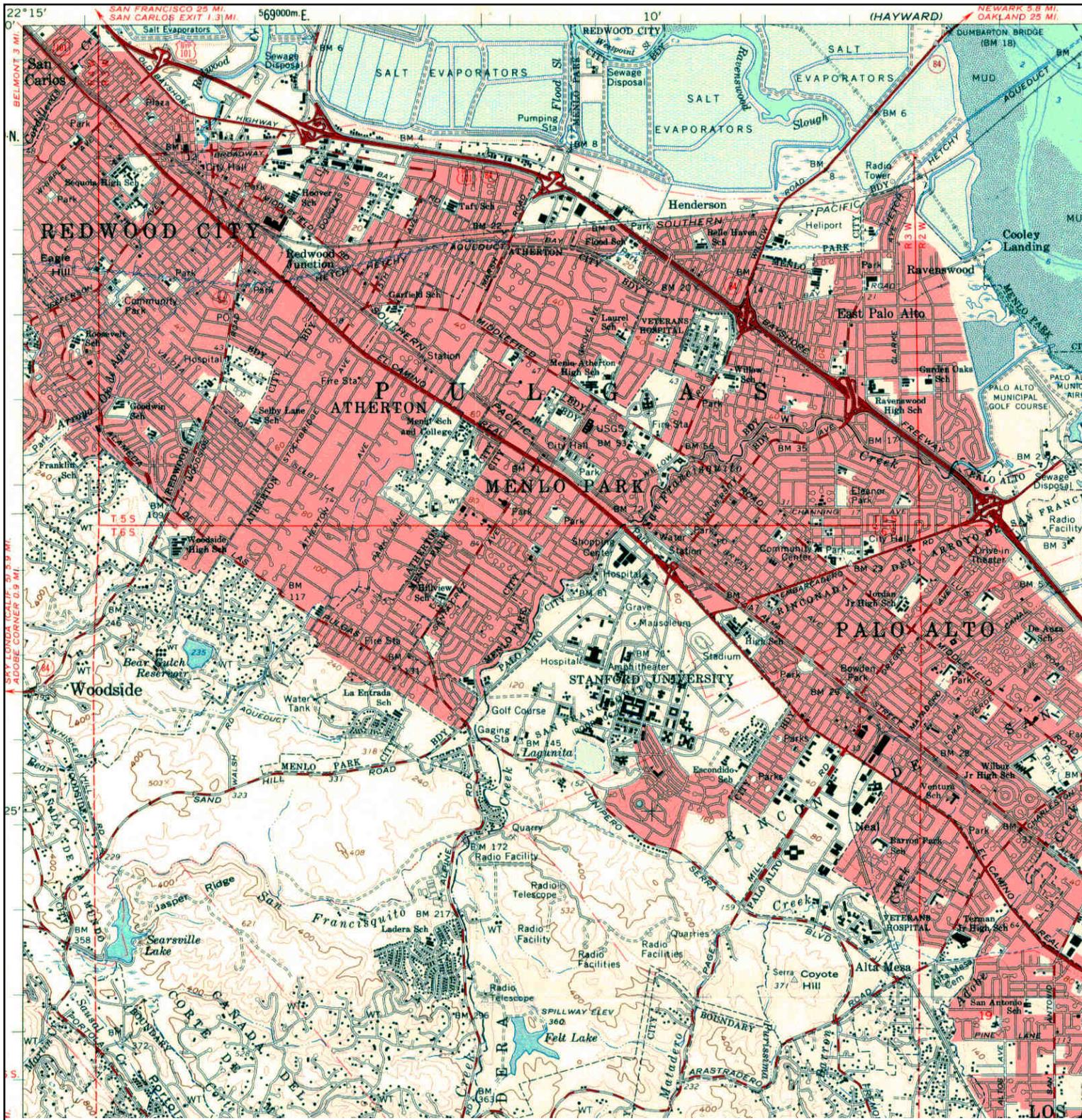
	TARGET QUAD	SITE NAME: Motor Pool Project	CLIENT: TRC
	NAME: PALO ALTO	ADDRESS: 752 Chestnut Street	CONTACT: Lauren Kohli
	MAP YEAR: 1953	Redwood City, CA 94063	INQUIRY#: 4085858.4
	SERIES: 7.5	LAT/LONG: 37.4836 / -122.2186	RESEARCH DATE: 09/26/2014
	SCALE: 1:24000		

Historical Topographic Map



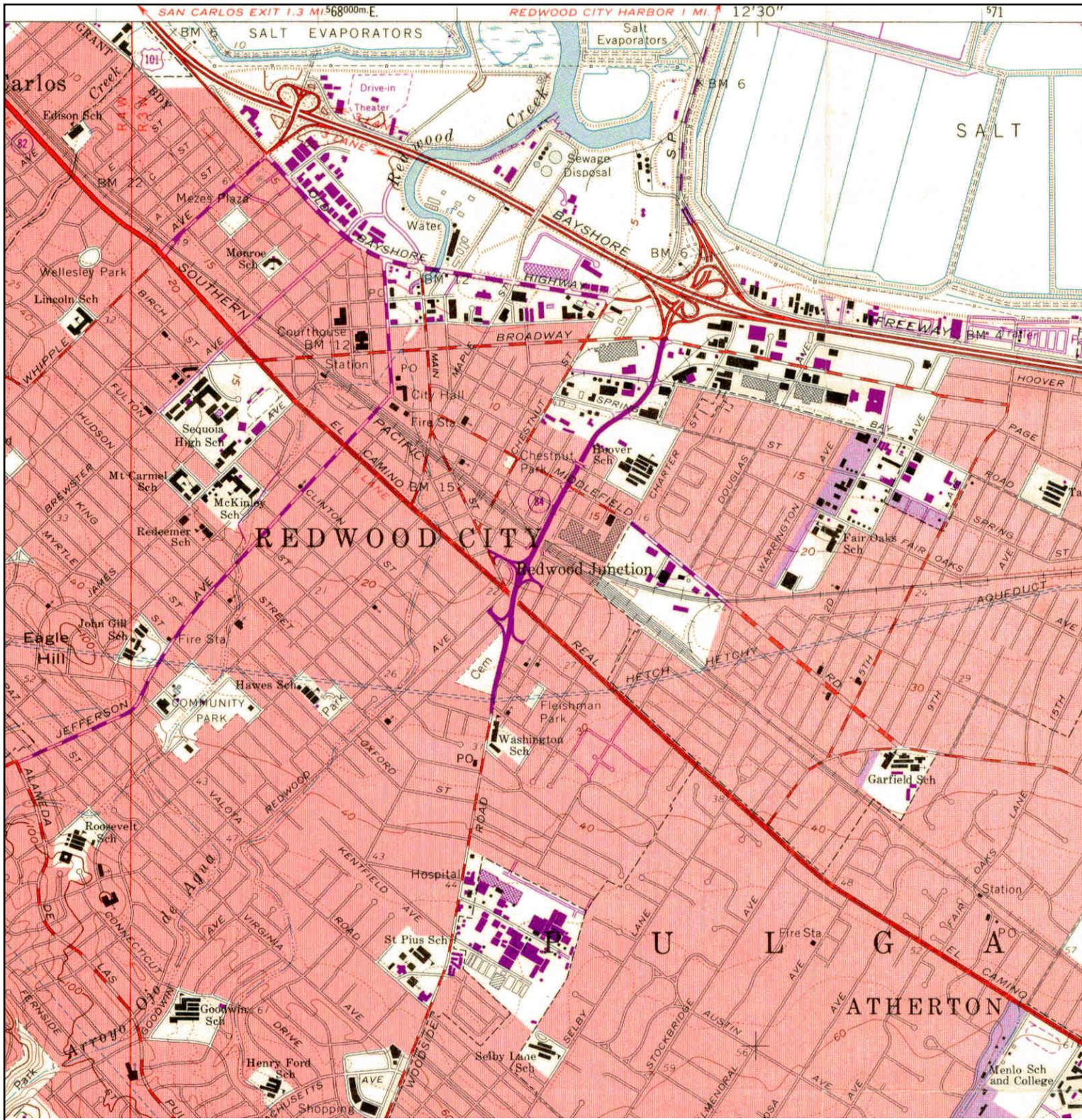
	TARGET QUAD	SITE NAME: Motor Pool Project	CLIENT: TRC
	NAME: PALO ALTO	ADDRESS: 752 Chestnut Street	CONTACT: Lauren Kohli
	MAP YEAR: 1961	Redwood City, CA 94063	INQUIRY#: 4085858.4
	SERIES: 7.5	LAT/LONG: 37.4836 / -122.2186	RESEARCH DATE: 09/26/2014
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Historical Topographic Map



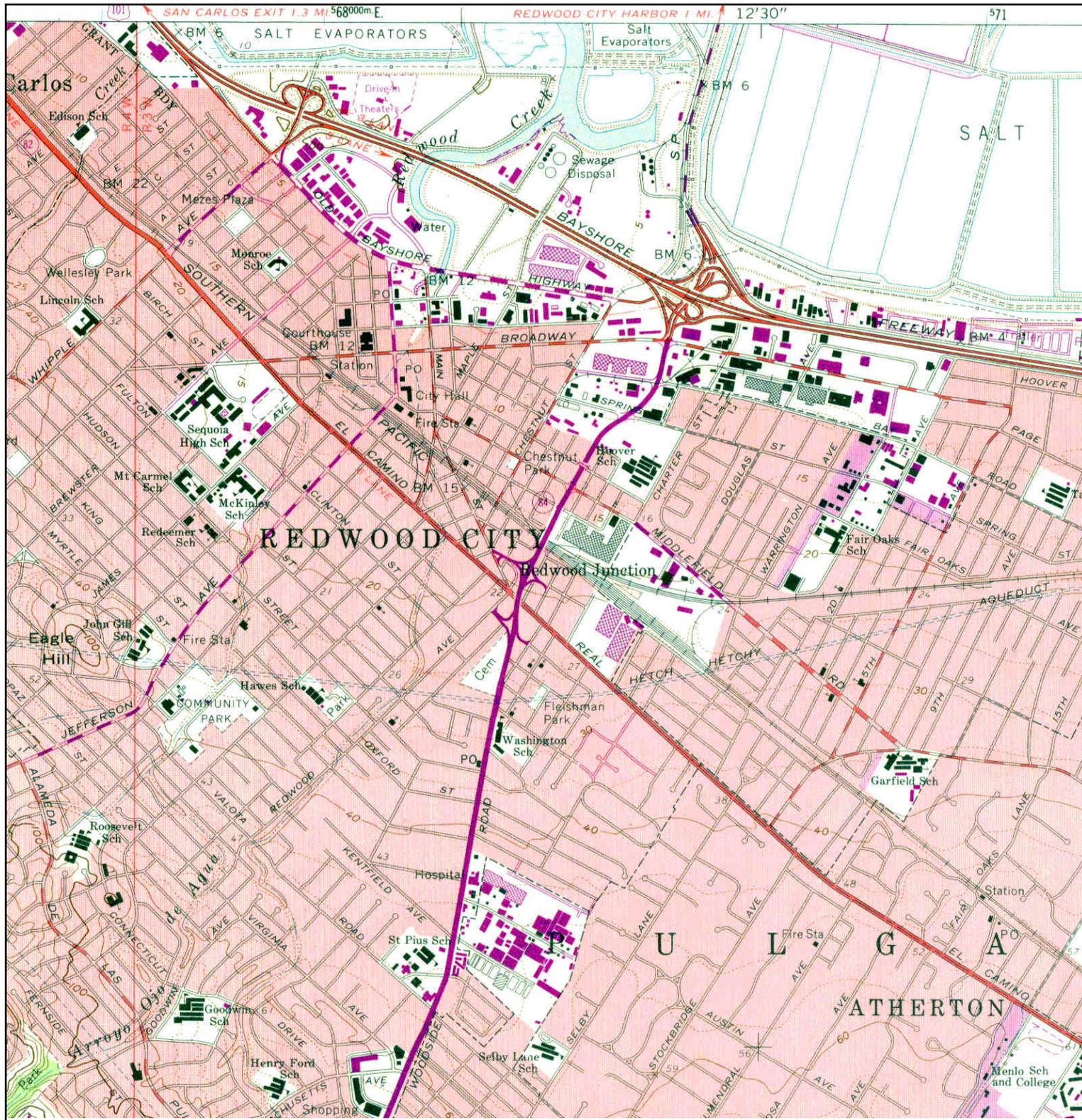
	TARGET QUAD	SITE NAME: Motor Pool Project	CLIENT: TRC
	NAME: PALO ALTO	ADDRESS: 752 Chestnut Street	CONTACT: Lauren Kohli
	MAP YEAR: 1961	LAT/LONG: 37.4836 / -122.2186	INQUIRY#: 4085858.4
	SERIES: 15		RESEARCH DATE: 09/26/2014
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Historical Topographic Map



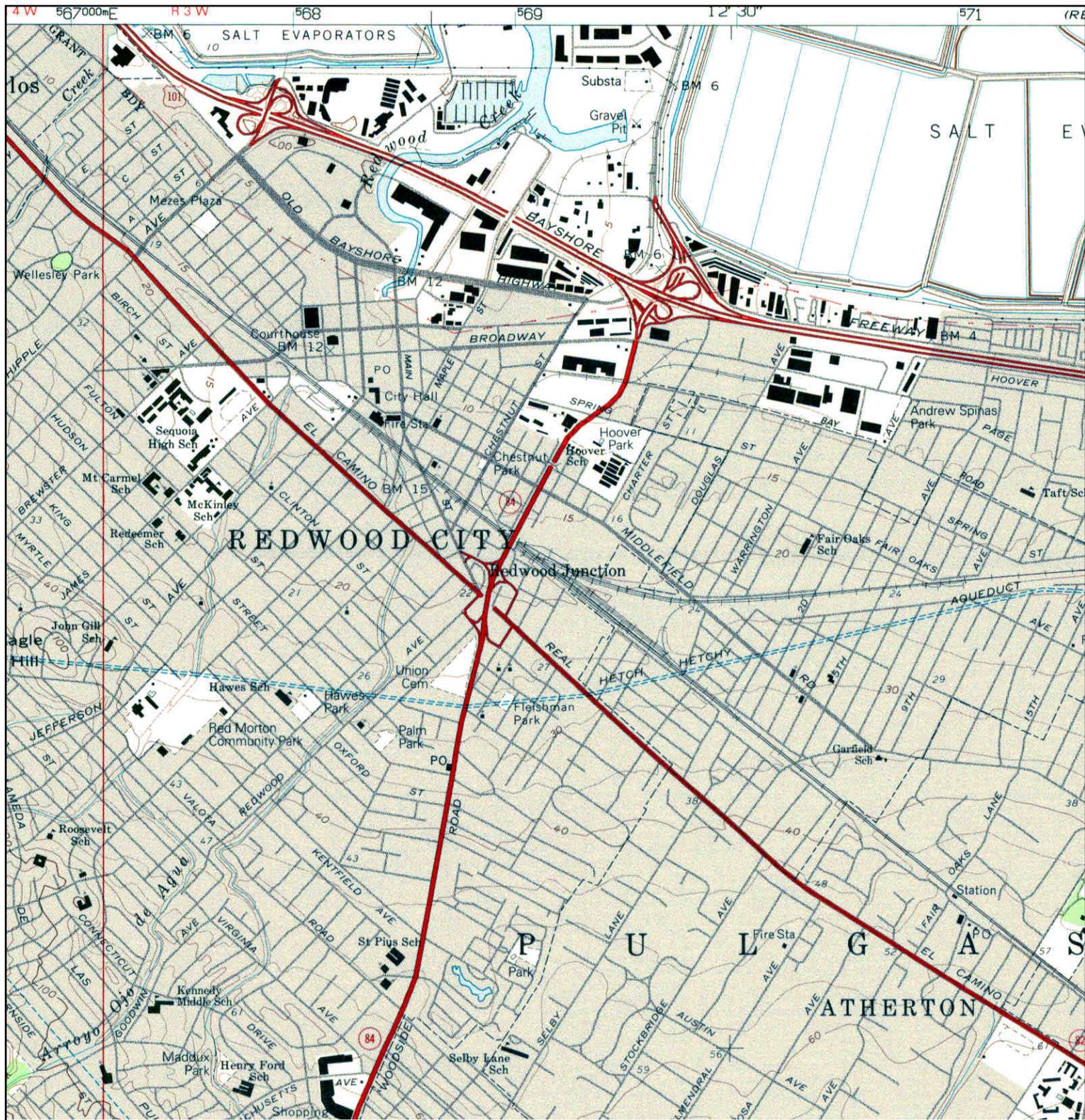
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	NAME: PALO ALTO	ADDRESS: 752 Chestnut Street	CONTACT: Lauren Kohli
	MAP YEAR: 1968	Redwood City, CA 94063	INQUIRY#: 4085858.4
	PHOTOREVISED FROM : 1961	LAT/LONG: 37.4836 / -122.2186	RESEARCH DATE: 09/26/2014
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



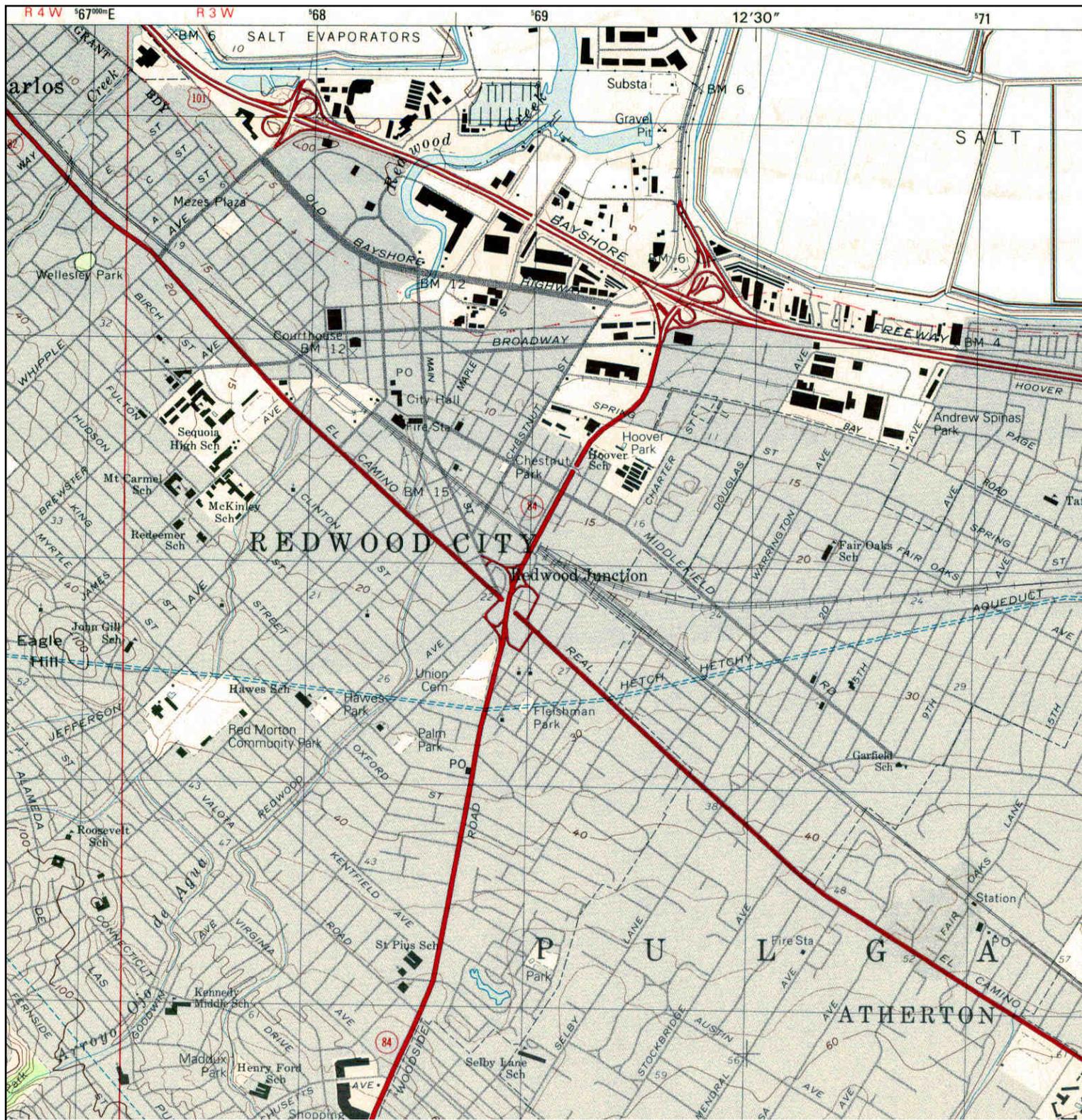
	TARGET QUAD	SITE NAME: Motor Pool Project	CLIENT: TRC
	NAME: PALO ALTO	ADDRESS: 752 Chestnut Street	CONTACT: Lauren Kohli
	MAP YEAR: 1973	Redwood City, CA 94063	INQUIRY#: 4085858.4
	PHOTOREVISED FROM :1961	LAT/LONG: 37.4836 / -122.2186	RESEARCH DATE: 09/26/2014
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



	TARGET QUAD	SITE NAME: Motor Pool Project	CLIENT: TRC
	NAME: PALO ALTO	ADDRESS: 752 Chestnut Street	CONTACT: Lauren Kohli
	MAP YEAR: 1991	Redwood City, CA 94063	INQUIRY#: 4085858.4
	SERIES: 7.5	LAT/LONG: 37.4836 / -122.2186	RESEARCH DATE: 09/26/2014
	SCALE: 1:24000		

Historical Topographic Map



	TARGET QUAD	SITE NAME: Motor Pool Project	CLIENT: TRC
	NAME: PALO ALTO	ADDRESS: 752 Chestnut Street	CONTACT: Lauren Kohli
	MAP YEAR: 1997	Redwood City, CA 94063	INQUIRY#: 4085858.4
	SERIES: 7.5	LAT/LONG: 37.4836 / -122.2186	RESEARCH DATE: 09/26/2014
	SCALE: 1:24000		

**APPENDIX D:
PHOTOGRAPH LOG**

Appendix D
Phase I ESA Photograph Log



Photo 1: View of the building located along the southern boundary of the site, looking southwest.



Photo 2: Herbicides on secondary containment in the southwest corner of covered storage building in the western portion of the Site.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
218791	Lauren Kohli	1 of 5	San Mateo County	Motor Pool Project 752 Chestnut Street Redwood City, CA	

Appendix D
Phase I ESA Photograph Log



Photo 3: Room used for storage of backup hazardous materials supplies, located in the building along the southern Site boundary.



Photo 4: Covered storage building located in the western portion of the Site, looking northwest.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
218791	Lauren Kohli	2 of 5	San Mateo County	Motor Pool Project 752 Chestnut Street Redwood City, CA	

Appendix D
Phase I ESA Photograph Log



Photo 5: Refueling bay located in the center of the Site.



Photo 6: Twenty-four-gallon diesel-powered mobile air compressor located in the carpentry room of the building located along the southern Site boundary.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
218791	Lauren Kohli	3 of 5	San Mateo County	Motor Pool Project 752 Chestnut Street Redwood City, CA	

Appendix D
Phase I ESA Photograph Log



Photo 7: Dark material splatter on the wall located directly northwest of the Oil Blow-Out Area.



Photo 8: Oil Blow-Out Area containing five 55-gallon drums on secondary containment.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
218791	Lauren Kohli	4 of 5	San Mateo County	Motor Pool Project 752 Chestnut Street Redwood City, CA	

Appendix D
Phase I ESA Photograph Log



Photo 9: Locked storage shed associated with the Sewer Department building.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
218791	Lauren Kohli	5 of 5	San Mateo County	Motor Pool Project 752 Chestnut Street Redwood City, CA	

**APPENDIX E:
OTHER REFERENCE INFORMATION**

ENVIRONMENTAL HEALTH



SAN MATEO COUNTY ENVIRONMENTAL HEALTH
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS BUSINESS PLAN (HMBP)
ANNUAL CERTIFICATION FORM

Instructions: Review the HMBP annually and complete this form to certify that no changes to the following items have occurred at your business.

1. Business name and/or address;
2. Business ownership;
3. Storage or handling of any undisclosed reportable hazardous material;
4. A 100 percent or more increase in the quantity of a previously disclosed material;
5. Any significant operational change requiring modifications to the HMBP.

Business Name: SAN MATEO COUNTY PUBLIC WORKS GRANT CORPORATION YARD

Business Address: 752 CHESTNUT STREET, REDWOOD CITY, CA 94063

Certification:

1. The information contained in the hazardous materials inventory most recently submitted to the CUPA is complete, accurate, and up to date.
2. There has been no change in the quantity of hazardous materials reported in the most recently submitted inventory.
3. No hazardous materials subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
4. This certification is not used to comply with EPCRA reporting requirements.

1/19/12

SIGNATURE (Owner or Official Representative)

DATE

Tony Harwood
PRINTED NAME

Vehicle & Equipment Manager
TITLE

(650) 599-1651
PHONE NO.

**UNIDOCs
FACILITY INFORMATION
BUSINESS ACTIVITIES**

I. FACILITY IDENTIFICATION

FACILITY ID # <i>(Agency Use Only)</i>	EPA ID # (Hazardous Waste Only)	2.
BUSINESS NAME <i>(Same as Facility Name or DBA - Doing Business As)</i>	CAD982017683	
BUSINESS NAME GRANT CORPORATION YARD		
BUSINESS SITE ADDRESS 752 CHESTNUT ST.		
BUSINESS SITE CITY REDWOOD CITY	104	105.
CA	ZIP CODE 94063	

II. ACTIVITIES DECLARATION

**NOTE: If you check YES to any part of this list,
please submit the Business Owner/Operator Identification page.**

Does your facility...		If Yes, please complete these pages of the UPCF...
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 4.	HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 4a.	Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 5.	UST OPERATING PERMIT APPLICATION - FACILITY INFORMATION UST OPERATING PERMIT APPLICATION - TANK INFORMATION
D. ABOVE GROUND PETROLEUM STORAGE Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 8.	No form required to CUPAs
E. HAZARDOUS WASTE Generate hazardous waste? Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)? Treat hazardous waste onsite? Perform treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)? Consolidate hazardous waste generated at a remote site? Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite? Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste? Serve as a Household Hazardous Waste (HHW) Collection site?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 9. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 10. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 11. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 12. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 13. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 14. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 14a. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 14b.	EPA ID NUMBER - provide at top of this page RECYCLABLE MATERIALS REPORT (one per recycler) ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION - FACILITY PAGE ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION - UNIT PAGE (one page per unit) CERTIFICATION OF FINANCIAL ASSURANCE REMOTE WASTE CONSOLIDATION SITE ANNUAL NOTIFICATION HAZARDOUS WASTE TANK CLOSURE CERTIFICATION Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator. .See CUPA for required forms.
F. LOCAL REQUIREMENTS (You may also be required to provide additional information by your CUPA or local agency.)		15.

UNIDOC'S
FACILITY INFORMATION
BUSINESS OWNER/OPERATOR IDENTIFICATION

Page of

I. IDENTIFICATION

FACILITY ID # <i>(Agency Use Only)</i>		BEGINNING DATE 05/03/11	ENDING DATE 05/03/12
BUSINESS NAME <i>(Same as Facility Name or DBA - Doing Business As)</i> GRANT CORPORATION YARD		BUSINESS PHONE (650) 363-4103	
BUSINESS SITE ADDRESS 752 CHESTNUT ST.		BUSINESS FAX (650) 366-7238	
BUSINESS SITE CITY REDWOOD CITY	STATE CA	ZIP CODE 94063	COUNTY SAN MATEO COUNTY
DUN & BRADSTREET	PRIMARY SIC	PRIMARY NAICS	
BUSINESS MAILING ADDRESS 752 CHESTNUT ST.			
BUSINESS MAILING CITY REDWOOD CITY	STATE CA	ZIP CODE 94063	
BUSINESS OPERATOR NAME TIMOTHY STANFIELD		BUSINESS OPERATOR PHONE (650) 363-4149	

II. BUSINESS OWNER

OWNER NAME COUNTY OF SAN MATEO, DEPT. OF PUBLIC WORKS		OWNER PHONE (650) 363-4100
OWNER MAILING ADDRESS 555 COUNTY CENTER, 5 TH FLOOR		
OWNER MAILING CITY REDWOOD CITY	STATE CA	ZIP CODE 94063

III. ENVIRONMENTAL CONTACT

CONTACT NAME SABRINA MIH		CONTACT PHONE (650) 372-6235
CONTACT MAILING ADDRESS 2000 ALAMEDA DE LAS PULGAS		CONTACT EMAIL SMih@co.sanmateo.ca.us
CONTACT MAILING CITY REDWOOD CITY	STATE CA	ZIP CODE 94063

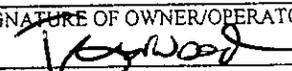
IV. EMERGENCY CONTACTS

-PRIMARY-	NAME	-SECONDARY-	NAME
	TIMOTHY STANFIELD		STEVE FISCHER
	ROAD MAINTENANCE MANAGER		ROAD MAINTENANCE MANAGER
	BUSINESS PHONE (650) 363-4149		BUSINESS PHONE (650) 599-7281
	24-HOUR PHONE (650) 363-4000		24-HOUR PHONE (65) 363-4000
	PAGER # ()		PAGER # ()

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Billing Address: S/A
Property Owner: S/A Phone No.: ()

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE 	DATE 4.20.11	NAME OF DOCUMENT PREPARER
NAME OF SIGNER (print) TONY HARWOOD	TITLE OF SIGNER VEHICLE & EQUIP. SVCS. MANAGER	

Business Activities Page Instructions

You must include the Business Activities Page with all HMBP submittals where the Business Owner/Operator Identification Page and/or hazardous materials inventory page(s) are submitted. [Note: Numbering of the following instructions follows the Unified Program Consolidated Form (UPCF) Data Element numbers on the form. These data element numbers are used for electronic submittal and are the same as the numbering used in the Unified Program Data Dictionary in 27 CCR, Division 3.] Please number all pages of your submittal.

1. FACILITY ID NUMBER - This number is for agency use only. Leave this space blank.
2. EPA ID NUMBER - If you generate, recycle, or treat hazardous waste, enter your facility's 12-character U.S. Environmental Protection Agency (USEPA) or California Identification number. If your facility generates more than 100 kilograms (kg) of a RCRA (i.e., federally regulated) hazardous waste per year, obtain a federal EPA ID Number by submitting EPA FORM 8700-12 to the USEPA. Otherwise, obtain a California EPA ID Number by submitting DTSC FORM 1358 to the Department of Toxic Substances Control (DTSC). Forms are available at www.dtsc.ca.gov.
3. BUSINESS NAME - Enter the complete Facility Name.
103. BUSINESS SITE ADDRESS - Enter the street address where the facility is located, including building number, if applicable. Post office box numbers are not acceptable. This information must provide a means to locate the facility geographically.
104. BUSINESS SITE CITY - Enter the city or unincorporated area in which the facility is located.
105. ZIP CODE - Enter the 5 or 9 digit zip code for the facility.
4. HAZARDOUS MATERIALS - Check the appropriate box to indicate whether you have any hazardous material on site in a quantity subject to Hazardous Materials Business Plan (HMBP) reporting requirements. (Refer to the HMBP instructions available on the Internet at www.unidocs.org/hazmat/business-plan/index.html). If "YES," you must submit a HMBP.
- 4a. REGULATED SUBSTANCES - Check the appropriate box to indicate whether you have any CalARP regulated substance on site. (Refer to www.calema.ca.gov for CalARP guidance documents regarding regulated substances.)
5. UNDERGROUND STORAGE TANKS (UST) - Check the appropriate box to indicate whether you own or operate USTs containing hazardous substances as defined in Health and Safety Code (HSC) §25316. If "YES", and you do not already have on file with your local agency a current UST Operating Permit Application - Facility page, UST Operating Permit Application - Tank page for each tank, UST Monitoring Plan, and UST Response Plan, then you must submit those documents. (Note: There is no UPCF page for the UST Response Plan.)
8. ABOVEGROUND PETROLEUM STORAGE - Check the appropriate box to indicate whether your facility has aggregate aboveground petroleum storage (including used oil) greater than 1,320 gallons in tanks or containers 55 gallons or larger. (There is no UPCF page for ASTs.) The following are exempt from this requirement: 1.) pressure vessels or boilers subject to Division 5 of the Labor Code; 2.) tanks containing hazardous waste if a hazardous waste facility permit has been issued by DTSC; 3.) aboveground oil production tanks regulated by the Division of Oil and Gas; and 4.) certain oil-filled electrical equipment, including, but not limited to, transformers, circuit breakers, and capacitors.
9. HAZARDOUS WASTE GENERATOR - Check the appropriate box to indicate whether your facility generates a waste that meets any of the hazardous waste criteria adopted pursuant to HSC §25141.
10. RECYCLE - Check the appropriate box to indicate whether your facility recycles more than 100 kg (approximately 220 pounds or 27 gallons) per month of recyclable material under a claim that the material is excluded or exempt per HSC §25143.2. If you check "YES," and you do not already have a current Recyclable Materials Report on file with the appropriate local Unified Program Agency (UPA), then you must also submit that report to the UPA. Check "NO" if you only send recyclable materials to an offsite recycler.
11. ONSITE HAZARDOUS WASTE TREATMENT - Check the appropriate box to indicate whether your facility engages in regulated onsite treatment of hazardous waste. If you check "YES," and you do not already have current Onsite Hazardous Waste Treatment Notification - Facility and Onsite Hazardous Waste Treatment Notification - Unit pages on file with the appropriate local UPA, then you must also submit those forms to the UPA.
12. FINANCIAL ASSURANCE - Check the appropriate box to indicate whether your facility has Permit by Rule (PBR) and/or Conditionally Authorized (CA) operations subject to financial assurance requirements for closure of an onsite treatment unit. If you check "YES," and you do not already have current "Certification of Financial Assurance" on file with the appropriate local UPA, then you must submit that form to the UPA.
13. HAZARDOUS WASTE REMOTE CONSOLIDATION SITE - Check the appropriate box to indicate whether your facility consolidates hazardous waste generated at a remote site. By answering "YES," you are indicating that you are a hazardous waste generator that collects hazardous waste initially at a remote site and subsequently transports the hazardous waste to a consolidation site you also operate. If you check "YES," and you do not already have current "Remote Waste Consolidation Site Annual Notification" page on file with the appropriate local UPA, then you must submit that form to the UPA.
14. HAZARDOUS WASTE TANK CLEANING - Check the appropriate box if any tank has been cleaned onsite per Title 22, Div. 4.5, Ch. 32, CCR with the intention of rendering it non-hazardous. If you check "YES," then you must submit a Hazardous Waste Tank Closure Certification to the appropriate local UPA.
- 14a. RCRA LARGE QUANTITY GENERATOR - Check the appropriate box to indicate whether your facility is a LQG.
- 14b. HHW COLLECTION SITE - Check the appropriate box to indicate whether your facility is a HHW Collection Site.
15. LOCAL REQUIREMENTS - Check with your local UPA before submitting this document to determine if any supplemental information is required.

Business Owner/Operator Identification Page Instructions

You must include the Business Owner/Operator Identification Page with all HMBP submittals where the Business Activities Page and/or hazardous materials inventory page(s) are submitted. [Note: Numbering of the following instructions follows the Unified Program Consolidated Form (UPCF) Data Element numbers on the form. These data element numbers are used for electronic submittal and are the same as the numbering used in the Unified Program Data Dictionary in 27 CCR, Division 3.] Please number all pages of your submittal.

1. FACILITY ID NUMBER - This number is for agency use only. Leave this space blank.
 3. BUSINESS NAME - Enter the complete Facility Name.
 100. BEGINNING DATE - Enter the beginning year and date of the report.
 101. ENDING DATE - Enter the ending year and date of the report.
 102. BUSINESS PHONE - Enter the phone number, including area code and any extension.
 - 102a. BUSINESS FAX - Enter the fax number, including area code.
 103. BUSINESS SITE ADDRESS - Enter the street address where the facility is located, including building number, if applicable. Post office box numbers are not acceptable. This information must provide a means to locate the facility geographically.
 104. CITY - Enter the city or unincorporated area in which the facility is located.
 105. ZIP CODE - Enter the 5 or 9 digit zip code for the facility.
 106. DUN & BRADSTREET - If the business has a D&B number, enter it here.
 107. SIC CODE - Enter the 4 digit Standard Industrial Classification Code number for the facility's primary business activity.
 - 107a. NAICS NUMBER - Enter the primary North American Industrial Classification System number.
 108. COUNTY - Enter the name of the county in which the facility is located.
 - 108a. BUSINESS MAILING ADDRESS - Enter the facility's street or P.O. box mailing address, if different from the site address.
 - 108b. BUSINESS MAILING CITY - Enter the name of the city for the facility's mailing address.
 - 108c. BUSINESS MAILING STATE - Enter the 2 character state abbreviation for the facility's mailing address.
 - 108d. BUSINESS MAILING ZIP CODE - Enter the 5 or 9 digit zip code for the facility's mailing address.
 109. BUSINESS OPERATOR NAME - Enter the name of the facility operator.
 110. BUSINESS OPERATOR PHONE - Enter the operator's phone number, including area code and any extension.
 111. OWNER NAME - Enter the name of the facility owner, if different from the operator.
 112. OWNER PHONE - Enter the owner's phone number, including area code and any extension.
 113. OWNER MAILING ADDRESS - Enter the owner's street or P.O. box mailing address, if different from the site address.
 114. OWNER MAILING CITY - Enter the name of the city for the owner's mailing address.
 115. OWNER MAILING STATE - Enter the 2 character state abbreviation for the owner's mailing address.
 116. OWNER MAILING ZIP CODE - Enter the 5 or 9 digit zip code for the owner's mailing address.
 117. ENVIRONMENTAL CONTACT NAME - Enter the name of the person, if different from the Business Owner or Operator, who will receive all environmental correspondence and will respond to enforcement activity.
 118. CONTACT PHONE - Enter the environmental contact's phone number, including area code and any extension.
 - 119a. CONTACT EMAIL ADDRESS - Enter the Environmental Contact's eMail address.
 119. CONTACT MAILING ADDRESS - Enter the street or P.O. box mailing address where all environmental contact correspondence should be sent, if different from the site address.
 120. CONTACT MAILING CITY - Enter the name of the city for the environmental contact's mailing address.
 121. CONTACT MAILING STATE - Enter the 2 character state abbreviation for the environmental contact's mailing address.
 122. CONTACT MAILING ZIP CODE - Enter the 5 or 9 digit zip code for the environmental contact's mailing address.
 123. PRIMARY EMERGENCY CONTACT NAME - Enter the name of a representative (i.e., Emergency Coordinator) who can be contacted in case of an emergency involving hazardous materials at the facility. This person shall have full facility access, site familiarity, and authority to make decisions for the business regarding incident mitigation.
 124. TITLE - Enter the title of the primary Emergency Coordinator.
 125. BUSINESS PHONE - Enter primary Emergency Coordinator's business phone number, including area code and any extension.
 126. 24-HOUR PHONE - Enter a phone number that will be answered 24 hours a day. If not the primary Emergency Coordinator's home phone number, then the number of an answering service able to immediately contact the primary Emergency Coordinator must be provided. Please note that this is a public document, so any telephone number provided is available to the general public any time a review of your facility's records is conducted.
 127. PAGER NUMBER - Enter the pager number for the primary Emergency Coordinator, if available.
 128. SECONDARY EMERGENCY CONTACT NAME - Enter the name of a secondary Emergency Coordinator who can be contacted in the event that the primary Emergency Coordinator is not available. The contact shall have full facility access, site familiarity, and authority to make decisions for the business regarding incident mitigation.
 129. TITLE - Enter the title of the secondary Emergency Coordinator.
 130. BUSINESS PHONE - Enter secondary Emergency Coordinator's business phone number, including area code and any extension.
 131. 24-HOUR PHONE - Enter a phone number for the secondary Emergency Coordinator. See instructions for item 126, above.
 132. PAGER NUMBER - Enter the pager number for the secondary Emergency Coordinator, if available.
 133. ADDITIONAL LOCALLY COLLECTED INFORMATION - Enter the complete mailing address to which bills for permit fees should be sent, if different from items 119-122, above. Enter the name and phone number for the property owner.
- SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE - The Business Owner/Operator, or officially designated representative of the Owner/Operator, shall sign in the space provided. This signature certifies that the signer is familiar with the information submitted, and that based on the signer's inquiry of those individuals responsible for obtaining the information, it is the signer's belief that the submitted information is true, accurate, and complete.
134. DATE - Enter the date that the document was signed.
 135. NAME OF DOCUMENT PREPARER - Type or print the full name of the person who prepared the Business Plan information.
 136. NAME OF SIGNER - Type or print the full name of the person signing this document.
 137. TITLE OF SIGNER - Enter the title of the person signing this document.

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY

455 COUNTY CENTER, 4TH FLOOR

REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

DES Form 2731

ADD DELETE REVISE 200

Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID #

CA 982 017683

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

ETHYLENE GLYCOL

204

TRADE SECRET Yes No 205

If Subject to EPCRA, refer to instructions

COMMON NAME

ANTIFREEZE N230

207

EHS* Yes No 206

CAS #

209

*EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

TOXIC LIQUID

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 207

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 209

LARGEST CONTAINER 215

150 gal

PHD HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

AVERAGE DAILY AMOUNT

148 gal

217

MAXIMUM STORAGE AMOUNT

150 gal

218

ANNUAL WASTE AMOUNT

300 gal

219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

% WT	HAZARDOUS COMPONENT (For mixtures or waste only)	EHS	CAS #
1 42%-47%	Ethylene Glycol	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	229
2 5%	Hydrated in organic acid, sodium salt	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	233
3 50%	Water	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237
4		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

* Hazardous components are present at greater than 1% by weight (if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

Page 1 of 1

ADD DELETES REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION 201 **CHEMICAL LOCATION CONFIDENTIAL - EPCRA** Yes No 201
752 CHESTNUT STREET, REDWOOD CITY, CA 94063

FACILITY ID# **CA 982017683** **MAF# (optional)** 202 **ORID# (optional) 203**

II. CHEMICAL INFORMATION

CHEMICAL NAME 204 **TRADE SECRET** Yes No 205
DISTILLATES, HYDROTREATED HEAVY PARAFFINIC
If Subject to EPCRA, refer to instructions

COMMON NAME 207 **BHS*** Yes No 206
CALCO HDMO 15-40

CAS# 64742547 209 *If BHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS 210
Combustible Liquid

HAZARDOUS MATERIAL TYPE (Check one item only) 207 **RADIOACTIVE** Yes No 212 **CURIES** 208
 a. PURE b. MIXTURE c. WASTE

PHYSICAL STATE (Check one item only) 209 **LARGEST CONTAINER** 215
 a. SOLID b. LIQUID c. GAS **75 gal**

ED HAZARD CATEGORIES (Check all that apply) 210
 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217 **MAXIMUM STORAGE AMOUNT** 218 **ANNUAL WASTE AMOUNT** 219 **STATE WASTE CODE** 220
120 gal. **240 gal.** **300 gal**

UNITS* (Check one item only) 221 **DAYS ON SITE** 222
 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS **365**
* If BHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply) 223
 a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK d. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 e. TANK INSIDE BUILDING f. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM g. SILEO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE 224
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE 225
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixtures or waste only)	EHS	CAS #
226		<input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
230		<input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
234		<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

where hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

* Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> DELETE	<input type="checkbox"/> REVISE	200	Page 1 of 1
I. FACILITY INFORMATION				
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) SAN MATEO COUNTY PUBLIC WORKS				
CHEMICAL LOCATION 752 CHESTNUT STREET, REDWOOD CITY, CA 94063				201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 201
FACILITY ID# CA 982 017683		MAP # (optional) 202		GRID # (optional) 203
II. CHEMICAL INFORMATION				
CHEMICAL NAME DISTILLATES, HYDROTREATED HEAVY PARAFFINIC				204 TRADE SECRET <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 205 <small>If Subject to EPCRA, refer to instructions</small>
COMMON NAME CALCO HDMO 30				207 EHS* <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 204
CAS # 64742547				209 *If EHS is "Yes", all amounts below must be in lbs.
FIRE CODE HAZARD CLASS Combustible Liquid				210
HAZARDOUS MATERIAL TYPE (Check one item only) <input checked="" type="checkbox"/> a. PURE <input type="checkbox"/> b. MIXTURE <input type="checkbox"/> c. WASTE		207	RADIOACTIVE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	212
PHYSICAL STATE (Check one item only) <input type="checkbox"/> a. SOLID <input checked="" type="checkbox"/> b. LIQUID <input type="checkbox"/> c. GAS		209	LARGEST CONTAINER 120 gal.	213
RED HAZARD CATEGORIES (Check all that apply) <input checked="" type="checkbox"/> a. FIRE <input type="checkbox"/> b. REACTIVE <input type="checkbox"/> c. PRESSURE RELEASE <input type="checkbox"/> d. ACUTE HEALTH <input type="checkbox"/> e. CHRONIC HEALTH				210
AVERAGE DAILY AMOUNT 75 gal.		217	MAXIMUM STORAGE AMOUNT 240 gal	218
UNITS* (Check one item only) <input checked="" type="checkbox"/> a. GALLONS <input type="checkbox"/> b. CUBIC FEET <input type="checkbox"/> c. POUNDS <input type="checkbox"/> d. TONS		221	ANNUAL WASTE AMOUNT 1860 gal	219
STORAGE CONTAINER (Check all that apply) <input type="checkbox"/> a. ABOVEGROUND TANK <input type="checkbox"/> b. UNDERGROUND TANK <input checked="" type="checkbox"/> c. TANK INSIDE BUILDING <input type="checkbox"/> d. STEEL DRUM <input type="checkbox"/> e. PLASTIC/NONMETALLIC DRUM <input type="checkbox"/> f. CAN <input type="checkbox"/> g. CARBOY <input type="checkbox"/> h. BOX <input type="checkbox"/> i. BILO <input type="checkbox"/> l. FIBER DRUM <input type="checkbox"/> m. GLASS BOTTLE <input type="checkbox"/> n. PLASTIC BOTTLES <input type="checkbox"/> o. TOTE BIN <input type="checkbox"/> p. TANK WAGON		223	STATE WASTE CODE	220
STORAGE PRESSURE <input checked="" type="checkbox"/> a. AMBIENT <input type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT		224	DAYS ON SITE 365	222
STORAGE TEMPERATURE <input checked="" type="checkbox"/> a. AMBIENT <input type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT <input type="checkbox"/> d. CRYOGENIC		225		
14 WT	HAZARDOUS COMPONENT (For mixture or waste only)		EHS	CAS #
226			<input type="checkbox"/> Yes <input type="checkbox"/> No	228
230			<input type="checkbox"/> Yes <input type="checkbox"/> No	232
234			<input type="checkbox"/> Yes <input type="checkbox"/> No	236
238			<input type="checkbox"/> Yes <input type="checkbox"/> No	240
242			<input type="checkbox"/> Yes <input type="checkbox"/> No	244

Note: Hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic; attach additional sheets of paper indicating the required information.

See Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY

455 COUNTY CENTER, 4TH FLOOR

REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

ES Form 2731

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID#

C A E 9 8 2 0 1 7 6 8 3

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

PETROLEUM HYDROCARBON

TRADE SECRET Yes No 204

If Subject to EPCRA, refer to instructions

COMMON NAME

HYDRAULIC TRACTOR FLUID

EHS* Yes No 206

CAS # 8012-95-1

* If EHS is "Yes", all amounts below must be in lbs. 209

FIRE CODE HAZARD CLASS

Combustible Liquid

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 207

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 209

LARGEST CONTAINER **240 gal** 215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

AGE DAILY AMOUNT

150 gal 217

MAXIMUM STORAGE AMOUNT

240 gal 218

ANNUAL WASTE AMOUNT

720 gal 219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS, amount must be in pounds.

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 d. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 e. STEEL DRUM h. DRUM l. CYLINDER p. TANK WAGON 223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

QTY	WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226		227	228
			<input type="checkbox"/> Yes <input type="checkbox"/> No	229
2	230		231	232
			<input type="checkbox"/> Yes <input type="checkbox"/> No	233
3	234		235	236
			<input type="checkbox"/> Yes <input type="checkbox"/> No	237
4	238		239	240
			<input type="checkbox"/> Yes <input type="checkbox"/> No	241
5	242		243	244
			<input type="checkbox"/> Yes <input type="checkbox"/> No	245

If hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY

455 COUNTY CENTER, 4TH FLOOR

REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

DES Form 2731

ADD DELETE REVISE 200

Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID #

C A 9 8 2 0 1 7 6 8 3

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

PETROLEUM HYDROCARBON

204

TRADE SECRET Yes No 205

If Subject to EPCRA, refer to instructions

COMMON NAME

GEAR LUBRICANT 85-140

207

EHS* Yes No 206

CAS # **64742-62-7**

209

EHS If "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

Combustible Liquid

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 207

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 209

LARGEST CONTAINER **240 gal** 215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

AVERAGE DAILY

217

MAXIMUM STORAGE

218

ANNUAL WASTE

219

STATE WASTE

220

AMOUNT **150 gal**

AMOUNT **240 gal**

AMOUNT **720 gal**

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If BHS, amount must be in pounds.

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK

e. PLASTIC/NONMETALLIC DRUM

i. FIBER DRUM

m. GLASS BOTTLE

q. RAIL CAR 223

b. UNDERGROUND TANK

f. CAN

j. BAG

n. PLASTIC BOTTLE

r. OTHER

c. TANK INSIDE BUILDING

g. CARBOY

k. BOX

o. TOTE BIN

d. STEEL DRUM

h. SICO

l. CYLINDER

p. TANK WAGON

STORAGE PRESSURE

a. AMBIENT

b. ABOVE AMBIENT

c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT

b. ABOVE AMBIENT

c. BELOW AMBIENT

d. CRYOGENIC 225

QTY	HAZARDOUS COMPONENT (For mixtures or solids only)	EHS	GAS #
1		<input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2		<input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3		<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If hazardous components are present at greater than 1% by weight (if non-carcinogenic, or 0.1% by weight (if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

246

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY

455 COUNTY CENTER, 4TH FLOOR

REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

DES Form 2731

ADD

DELETE

REVISE

200

Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

201

CHEMICAL LOCATION
CONFIDENTIAL - EPCRA Yes No

201

FACILITY ID #

CA 982 017683

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

PETROLEUM HYDROCARBON MIXTURE

204

TRADE SECRET Yes No

205

If Subject to EPCRA, refer to instructions

COMMON NAME

TRANSMISSION OIL DEXTRON III

207

EHS* Yes No

206

CAS # **VARIOUS**

FIRE CODE HAZARD CLASS

COMBUSTIBLE LIQUID

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

207

RADIOACTIVE Yes No

212

CURIES

208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS

209

LARGEST CONTAINER

75 gal

215

FED HAZARD CATEGORIES (all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

210

AVERAGE DAILY AMOUNT **50 gal**

217

MAXIMUM STORAGE AMOUNT **75 gal**

218

ANNUAL WASTE AMOUNT **300 gal**

219

STATE WASTE CODE

220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

* If EHS, amount must be in pounds.

DAYS ON SITE **365**

222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK b. UNDERGROUND TANK c. TANK INSIDE BUILDING d. STEEL DRUM e. PLASTIC/NONMETALLIC DRUM f. CAN g. CARBOY h. SILO i. FIBER DRUM j. BAG k. BOX l. CYLINDER m. GLASS BOTTLE n. PLASTIC BOTTLE o. TOTE BIN p. TANK WAGON q. RAIL CAR r. OTHER

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

HW#	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
226			
1		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	228
2		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	232
3		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	236
4		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	240
5		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	244

* Hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

246

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY

455 COUNTY CENTER, 4TH FLOOR

REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OS Form 2731

ADD DELETE REVISE 200

Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID # **C A T 9 8 2 0 1 7 6 8 3**

MAP # (optional) 202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

PETROLEUM HYDROCARBON

TRADE SECRET Yes No 204

COMMON NAME

CRANKCASE OIL 10-40

If Subject to EPCRA, refer to instructions

EHS* Yes No 206

CAS # **8012-95-1**

* If EHS is "Yes", all amounts below must be in lbs. 209

FIRE CODE HAZARD CLASS

Combustible Liquid

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 207

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 209

LARGEST CONTAINER **48 QTS** 215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

REG DAILY

217

MAXIMUM STORAGE

218

ANNUAL WASTE

219

STATE WASTE

220

AMOUNT **6 gal**

AMOUNT **12 gal**

AMOUNT **80gal**

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS, amount must be in pounds.

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SIED l. CYLINDER p. TANK WAGON 223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

QTY	HAZARDOUS COMPONENT (For liquids or gases only)	EHS	CAS #
1 226		<input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2 230		<input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If hazardous components represent at greater than 1% by weight (if non-carcinogenic, or 0.1% by weight (if carcinogenic), attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY

455 COUNTY CENTER, 4TH FLOOR

REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID#

CA 1982 017683

MAP # (optional) 202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

PETROLEUM HYDROCARBON

TRADE SECRET Yes No 204

If Subject to EPCRA, refer to instructions

COMMON NAME

CRANKCASE OIL 10-30

EHS* Yes No 206

CAS # **64742-65-0**

FIRE CODE HAZARD CLASS

Combustible Liquid

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 207

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 209

LARGEST CONTAINER **48QTS**

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

RAISE DAILY AMOUNT **6gal**

MAXIMUM STORAGE AMOUNT **12gal**

ANNUAL WASTE AMOUNT **80 gal**

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS, amount must be in pounds.

DAYS ON SITE **365**

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK
 b. UNDERGROUND TANK
 c. TANK INSIDE BUILDING
 d. STEEL DRUM

PLASTIC/NONMETALLIC DRUM
 CAN
 CARBOY
 SILO

i. FIBER DRUM
 j. BAG
 k. BOX
 l. CYLINDER

m. GLASS BOTTLE
 n. PLASTIC BOTTLE
 o. TOILET-BIN

q. RAIL CAR
 r. OTHER
 p. TANK WAGON

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

#WT	HAZARDOUS COMPONENT (For mixtures or waste only)	EHS	CAS #
1 226		<input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2 230		<input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

Hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

201

CHEMICAL LOCATION
CONFIDENTIAL - EPCRA

Yes No

201

FACILITY ID # **CA 1982 017683**

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

ETHYLENE GLYCOL

204

TRADE SECRET

Yes No

205

If Subject to EPCRA, refer to instructions

COMMON NAME

ANTIFREEZE N230

207

EHS*

Yes No

206

CAS #

209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

TOXIC LIQUID

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

207

RADIOACTIVE

Yes No

212

CURIES

208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS

209

LARGEST CONTAINER
215

150 gal

HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

210

AVERAGE DAILY AMOUNT

148 gal

217

MAXIMUM STORAGE AMOUNT

150 gal

218

ANNUAL WASTE AMOUNT

300 gal

219

STATE WASTE CODE

220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

DAYS ON SITE

365

222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 42%-47%	Ethylene Glycol	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	228
2 5%	Hydrated in organic acid, sodium salt	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	232
3 50%	Water	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	236
4		<input type="checkbox"/> Yes <input type="checkbox"/> No	240
5		<input type="checkbox"/> Yes <input type="checkbox"/> No	244

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

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SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY

455 COUNTY CENTER, 4TH FLOOR

REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

Form 2731

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ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

201

CHEMICAL LOCATION
CONFIDENTIAL - EPCRA

Yes No

201

FACILITY ID # **CA 1982 017683**

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

INERT ELEMENT ARGON

204

TRADE SECRET

Yes No

205

If Subject to EPCRA, refer to instructions

COMMON NAME

ARGON UN 1006

207

EHS*

Yes No

206

CAS # **7440-27-1**

209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

INERT COMPRESSED GAS

210

HAZARDOUS MATERIAL
TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

207

RADIOACTIVE

Yes No

212

CURIES

208

PHYSICAL STATE
(Check one item only)

a. SOLID b. LIQUID c. GAS

209

LARGEST CONTAINER

336 CU FT.

215

HAZARD CATEGORIES
(Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

210

AVERAGE DAILY
AMOUNT **200 CU FT.**

217

MAXIMUM STORAGE
AMOUNT **336 CU FT.**

218

ANNUAL WASTE
AMOUNT

219

STATE WASTE
CODE

220

UNITS*
(Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

* If EHS, amount must be in pounds.

221

DAYS ON
SITE **365**

222

STORAGE CONTAINER
(Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT

c. BELOW AMBIENT

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 99.9%	Argon	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	228
2 230	Total nitrogen and oxygen less than 0.1%	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	232
3 234		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	236
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No	240
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No	244

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

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SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY

455 COUNTY CENTER, 4TH FLOOR

REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

ES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID # **CA 1982 017683**

MAP # (optional) 202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

SODIUM HYDROXIDE

TRADE SECRET Yes No 204

If Subject to EPCRA, refer to instructions

COMMON NAME

CAUSTIC SODA SOLUTION

EHS* Yes No 206

CAS # **001310-73-2**

* (EHS = "Yes" - all amounts below must be in lbs) 207

FIRE CODE HAZARD CLASS

208

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 209

RADIOACTIVE Yes No 210

CURIES 211

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 212

LARGEST CONTAINER **55 gal** 213

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 214

RELEASE DAILY AMOUNT **55 gal** 217

MAXIMUM STORAGE AMOUNT **55 gal** 218

ANNUAL WASTE AMOUNT **110 gal** 219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS, amount must be in pounds.

DAYSON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 d. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS#
1 226	SODIUM HYDROXIDE NaOH 48.5- 50.5 % 227	<input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2 230		<input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

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SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY

455 COUNTY CENTER, 4TH FLOOR

REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OS Form 2731

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ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

201

CHEMICAL LOCATION
CONFIDENTIAL - EPCRA

Yes No

201

FACILITY ID #

CA 982017683

MAP # (optional)

202

GRID # (optional)

203

II. CHEMICAL INFORMATION

CHEMICAL NAME

ANIONIC EMULSION

TRADE SECRET

Yes No

205

If Subject to EPCRA, refer to instructions

204

COMMON NAME

SS-1 & SSIH

206

EHS*

Yes No

207

CAS #

8052424

208

*If EHS is "Yes", all amounts listed must be in lbs.

FIRE CODE HAZARD CLASS

209

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

210

RADIOACTIVE

Yes No

CURIES

212

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS

213

LARGEST CONTAINER

55 gal

214

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

215

AVERAGE DAILY

217

MAXIMUM STORAGE

218

ANNUAL WASTE

219

STATE WASTE

220

AMOUNT

75 gal

AMOUNT

330 gal

AMOUNT

990

UNITS*

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

DAYS ON

222

(Check one item only)

* If EHS, amount must be in pounds.

SITE

365

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226	Petroleum Asphalt (not more than 70%)	227 <input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2 230		231 <input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3 234		235 <input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4 238		239 <input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		243 <input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

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SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY

**455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063**

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

Form 2731

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ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION 201

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID#

C A 1 9 8 2 0 1 7 6 8 3

MAP # (optional) 202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME 204

INERT ELEMENT ARGON

TRADE SECRET Yes No 205

If Subject to EPCRA, refer to instructions

COMMON NAME 207

ARGON UN 1006

EHS* Yes No 206

CAS # 7440-27-1 209

*If EHS is "Yes", all responses below must be in the

FIRE CODE HAZARD CLASS

INERT COMPRESSED GAS

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 207

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 209

LARGEST CONTAINER 215
336CU FT.

HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

AVERAGE DAILY AMOUNT 217

200 CU FT.

MAXIMUM STORAGE AMOUNT 218

336 CU FT.

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS, amount must be in pounds.

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK
 b. UNDERGROUND TANK
 c. TANK INSIDE BUILDING
 d. STEEL DRUM

e. PLASTIC/NONMETALLIC DRUM
 f. CAN
 g. CARBOY
 h. SILO

i. FIBER DRUM
 j. BAG
 k. BOX
 l. CYLINDER

m. GLASS BOTTLE
 n. PLASTIC BOTTLE
 o. TOTE BIN
 p. TANK WAGON

q. RAIL CAR
 r. OTHER 223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixtures or waste only)	EHS	CAS #
1 99.9%	Argon	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	229
2 30	Total nitrogen and oxygen less than 0.1%	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	233
3 34		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237
4 38		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 42		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If hazardous components are present at greater than 1% by weight (if non-carcinogenic, or 0.1% by weight (if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA

246

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

ES Form 2731

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ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID # **CA 982017683**

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

Petroleum Oil

TRADE SECRET Yes No 204

If Subject to EPCRA, refer to instructions

COMMON NAME

Used Oil

EHS* Yes No 206

CAS # **68649423**

207

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

Combustible Liquid

207

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 208

RADIOACTIVE Yes No 209

CURIES 210

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 211

LARGEST CONTAINER **240 gal** 212

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 213

RANGE DAILY AMOUNT **230 gal** 217

MAXIMUM STORAGE AMOUNT **465 gal** 218

ANNUAL WASTE AMOUNT **1860 gal** 219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS, amount must be in pounds.

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK
 b. UNDERGROUND TANK
 c. TANK INSIDE BUILDING
 d. STEEL DRUM

e. PLASTIC/NONMETALLIC DRUM
 f. CAN
 g. CARBOY

i. FIBER DRUM
 j. BAG
 k. BOX

m. GLASS BOTTLE
 n. PLASTIC BOTTLE
 o. TOTE BIN

q. RAIL CAR
 r. OTHER 223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

QTY	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS#
1		<input type="checkbox"/> Yes <input type="checkbox"/> No 227	229
2		<input type="checkbox"/> Yes <input type="checkbox"/> No 231	233
3		<input type="checkbox"/> Yes <input type="checkbox"/> No 235	237
4		<input type="checkbox"/> Yes <input type="checkbox"/> No 239	241
5		<input type="checkbox"/> Yes <input type="checkbox"/> No 243	245

If hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

246

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
GRANT CORPORATION YARD

CHEMICAL LOCATION 201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202
COVERED STORAGE AREA "A"

FACILITY ID # 203 MAP # (optional) 204 GRID # (optional) 205
5-B

II. CHEMICAL INFORMATION

CHEMICAL NAME 206 TRADE SECRET Yes No 207
IF Subject to EPCRA, refer to instructions

COMMON NAME 208 EHS* Yes No 209
LATEX BASED PAINT

CAS # 210 *EHS is "Yes" all amounts below must be in lbs.
MIXTURE

FIRE CODE HAZARD CLASS 211
OTHER REGULATED MATERIAL

HAZARDOUS MATERIAL TYPE (Check one item only) 212 RADIOACTIVE Yes No 213 CLUSTERS 214
 a. PURE b. MIXTURE c. WASTE

PHYSICAL STATE (Check one item only) 215 LARGEST CONTAINER 216
 a. SOLID b. LIQUID c. GAS **55 GAL.**

FED HAZARD CATEGORIES (Check all that apply) 217
 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 218 MAXIMUM STORAGE AMOUNT 219 ANNUAL WASTE AMOUNT 220 STATE WASTE CODE 221
1,000 GAL. **2,000 GAL.**

UNITS* (Check one item only) 222 * IF TRUE, amount must be in pounds. DAYS ON SITE 223
 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS **365**

STORAGE CONTAINER (Check all that apply) 224
 a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. ILL. CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. ILCO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE 225
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE 226
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	METHYL-ALCOHOL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	67-56-1
2		<input type="checkbox"/> Yes <input type="checkbox"/> No	
3		<input type="checkbox"/> Yes <input type="checkbox"/> No	
4		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5		<input type="checkbox"/> Yes <input type="checkbox"/> No	

If seven hazardous components are present in greater than 1% by weight (if non-carcinogenic, or 0.1% by weight (if carcinogenic), attach additional sheets of paper indicating the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION: 240

Sign Here for EPCRA: 241

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
 CERTIFIED UNIFIED PROGRAM AGENCY
 455 COUNTY CENTER, 4TH FLOOR
 REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

GRANT CORPORATION YARD

CHEMICAL LOCATION

201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

COVERED STORAGE AREA "A"

FACILITY ID #

MAP # (optional)

203

GRID # (optional)

5-E

204

II. CHEMICAL INFORMATION

CHEMICAL NAME

205

TRADE SECRET Yes No 206

IF Subject to EPCRA, refer to information

COMMON NAME

PROPANE GAS

207

EHS* Yes No 208

CAS #

74-98-6

209

*EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

FLAMMABLE LIQUID

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

211

RADIOACTIVE

Yes No

212

CURIES

213

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS

214

LARGEST CONTAINER

90 GAL.

215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

200 GAL.

217

MAXIMUM STORAGE AMOUNT

350 GAL.

218

ANNUAL WASTE AMOUNT

219

STATE WASTE CODE

220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

DAYS ON SITE

365

222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM l. FIBER DRUM m. GLASS BOTTLE o. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE p. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. ILO i. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
100%	PROPANE	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	74-98-6
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

240

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
GRANT CORPORATION YARD

CHEMICAL LOCATION 201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202
COVERED STORAGE AREA "A"

FACILITY ID # 203 MAP # (optional) **1** 203 CHLD # (optional) **5-B** 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET Yes No 206
SOLVENT-BASE PAINT

COMMON NAME 207 IF Subject to EPCRA, refer to inversions EHS* Yes No 208
SOLVENT-BASE PAINT

CAS # **MIXTURE** 209 *IF EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS 210
FLAMMABLE LIQUID

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 211 RADIOACTIVE Yes No 212 CURIES 213

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 214 LARGEST CONTAINER **55 GAL.** 215

FED HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT **160 GAL.** 217 MAXIMUM STORAGE AMOUNT **160 GAL.** 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221 * IF EHS, amount must be in pounds. DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply) a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE o. RAIL CAR 223
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE p. OTHER 223
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTTEN 223
 d. STEEL DRUM h. SLD l. CYLINDER p. TANK WAGON 223

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
226	LT ALIPHATIC NAPHTHA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 227	64742-89-8 228
230	TRICHLOROETHANE, 1-1-1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 231	71-55-6 232
334	DIOXANE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 235	123-91-1 237
238	TOLUENE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 239	108-88-3 241
242	CHLORINATED PARAFFIN	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 243	63449-39-8 245

If two inorganic anions are present at greater than 2% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION:

EHS Here for EPCRA:

**SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
 CERTIFIED UNIFIED PROGRAM AGENCY
 455 COUNTY CENTER, 4TH FLOOR
 REDWOOD CITY, CA 94063**

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) **GRANT CORPORATION YARD**

CHEMICAL LOCATION **COVERED HERBICIDE/PESTICIDE STORAGE AREA "B"**

FACILITY ID #

MAP # (optional) **1**
 ORID # (optional) **5-D**

II. CHEMICAL INFORMATION

CHEMICAL NAME **NA FORMULATED PRODUCT**

COMMON NAME **ROUNDUP HERBICIDE**

CAS # **NA**

FIRE CODE HAZARD CLASS

HAZARDOUS MATERIAL TYPE (Check one item only)

 a. PURE
 b. MIXTURE
 c. WASTE
 211
 RADIOACTIVE
 Yes
 No
 212
 CURIES
 213

PHYSICAL STATE (Check one item only)

 a. SOLID
 b. LIQUID
 c. GAS
 214
 LARGEST CONTAINER **125 GAL.**
 215

HAZARD CATEGORIES (Check all that apply)

 a. FIRE
 b. REACTIVE
 c. PRESSURE RELEASE
 d. ACUTE HEALTH
 e. CHRONIC HEALTH
 216

AVERAGE DAILY AMOUNT **45**
 217
 MAXIMUM STORAGE AMOUNT **45**
 218
 ANNUAL WASTE AMOUNT
 219
 STATE WASTE CODE
 220

UNITS* (Check one item only)

 a. GALLONS
 b. CUBIC FEET
 c. POUNDS
 d. TONS
 221
 DAYS ON SITE **365**
 222

STORAGE CONTAINER (Check all that apply)

 a. ABOVEGROUND TANK
 c. PLASTIC/NONMETALLIC DRUM
 i. FIBER DRUM
 m. GLASS BOTTLE
 q. RAIL CAR
 223

 b. UNDERGROUND TANK
 f. CAN
 j. BAG
 n. PLASTIC BOTTLE
 r. OTHER
 223

 c. TANK INSIDE BUILDING
 g. CARBOY
 k. BOX
 o. TOTE BIN
 223

 d. STEEL DRUM
 h. SILO
 l. CYLINDER
 p. TANK WAGON
 223

STORAGE PRESSURE

 a. AMBIENT
 b. ABOVE AMBIENT
 c. BELOW AMBIENT
 224

STORAGE TEMPERATURE

 a. AMBIENT
 b. ABOVE AMBIENT
 c. BELOW AMBIENT
 d. CRYOGENIC
 225

%WT	HAZARDOUS COMPONENT (For mixtures or waste only)	EHS	CAS #
1 41%	226 GLYPHOSATE (SALT)	227 Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	228 1071-83-6
2	230	231 Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	232
3	234	235 Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	236
4	238	239 Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	240
	242	243 Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	244

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3

GRANT CORPORATION YARD

CHEMICAL LOCATION 201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

COVERED HERBICIDE/PESTICIDE STORAGE AREA "B"

FACILITY ID # 203 MAP # (optional) 1 204 GRID # (optional) 5-D

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET Yes No 206

NA FORMULATED PRODUCT

If Subject to EPCRA, refer to instructions

COMMON NAME 207 EHS* Yes No 208

GARLON* HERBICIDE

CAS # NA 209 *If EHS is "Yes", all amounts below must be in lbs. 210

FIRE CODE HAZARD CLASS **COMBUSTIBLE LIQUID**

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 211 RADIOACTIVE Yes No 212 CURIES 213

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 214 LARGEST CONTAINER **30 GAL.** 215

HEALTH HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217 MAXIMUM STORAGE AMOUNT 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221 DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply) a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR 223
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 61%	TRICLOPYR ACETIC ACID, BUTOXY ETHYL ESTER	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	064700-56-7
2 38.4%	INERT INGREDIENTS	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	008008-20-6
3		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	
4		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 240	
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 244	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
GRANT CORPORATION YARD

CHEMICAL LOCATION 201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202
COVERED HERBICIDE/PESTICIDE STORAGE AREA "b"

FACILITY ID # 203 MAP # (optional) **1** GRID # (optional) **5-D** 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET Yes No 206
CHLORONICOTINYL
 If Subject to EPCRA, refer to instructions

COMMON NAME 207 BHS* Yes No 208
MERIT 75 WSP INSECTICIDE

CAS # 209 *If BHS is "Yes", all amounts below must be in lbs.
NA 210

FIRE CODE HAZARD CLASS

HAZARDOUS MATERIAL TYPE (Check one item only) 211 RADIOACTIVE Yes No 212 CURIES 213
 a. PURE b. MIXTURE c. WASTE

PHYSICAL STATE (Check one item only) 214 LARGEST CONTAINER **96 OZ. BOX** 215
 a. SOLID b. LIQUID c. GAS

FED HAZARD CATEGORIES (Check all that apply) 216
 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217 MAXIMUM STORAGE AMOUNT 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNITS* (Check one item only) 221 * If EHS, amount must be in pounds. DAYS ON SITE **365** 222
 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

STORAGE CONTAINER (Check all that apply) 223
 a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE 224
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE 225
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 75% 226	IMIDACLPRID 227	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	138260-41-3 229
2 10-20% 230	INGREDIENT 1611 231	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	NA 233
3 I-5% 234	INGREDIENT 1968 235	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	NA 237
4 238	239	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 240	241
242	243	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information. 246

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

**SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
 CERTIFIED UNIFIED PROGRAM AGENCY
 455 COUNTY CENTER, 4TH FLOOR
 REDWOOD CITY, CA 94063**

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 201
GRANT CORPORATION YARD/ROADS

CHEMICAL LOCATION 202
 CONFIDENTIAL - EPCRA Yes No

752 CHESTNUT ST. REDWOOD CITY, CA 94063 203
 MAP # (optional) GRID # (optional) 204

FACILITY ID # **CA 982017683**

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
ANIONIC EMULSION TRADE SECRET Yes No 206
 IF Subject to EPCRA, refer to instructions

COMMON NAME 207
SS-1 & SS-1H EHS* Yes No 208

CAS # **8052424** 209
 *If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

HAZARDOUS MATERIAL TYPE (Check one item only) 211
 a. PURE b. MIXTURE c. WASTE RADIOACTIVE Yes No 212 CURIES 213

SIGAL STATE (check one item only) 214
 a. SOLID b. LIQUID c. GAS LARGEST CONTAINER **55 GAL.** 215

FED HAZARD CATEGORIES (Check all that apply) 216
 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT **75 GAL.** 217 MAXIMUM STORAGE AMOUNT **330 GAL.** 218 ANNUAL WASTE AMOUNT **990** 219 STATE WASTE CODE 220

UNITS* (Check one item only) 221
 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS * If EHS, amount must be in pounds. DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply) 223
 a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE 224
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE 225
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226 PETROLEUM ASPHALT (not more than 70%)	227 <input type="checkbox"/> Yes <input type="checkbox"/> No	228 <input type="checkbox"/> Yes <input type="checkbox"/> No
2	230	231 <input type="checkbox"/> Yes <input type="checkbox"/> No	232 <input type="checkbox"/> Yes <input type="checkbox"/> No
3	234	235 <input type="checkbox"/> Yes <input type="checkbox"/> No	236 <input type="checkbox"/> Yes <input type="checkbox"/> No
4	238	239 <input type="checkbox"/> Yes <input type="checkbox"/> No	240 <input type="checkbox"/> Yes <input type="checkbox"/> No
5	242	243 <input type="checkbox"/> Yes <input type="checkbox"/> No	244 <input type="checkbox"/> Yes <input type="checkbox"/> No

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

**SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
 CERTIFIED UNIFIED PROGRAM AGENCY
 455 COUNTY CENTER, 4TH FLOOR
 REDWOOD CITY, CA 94063**

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

GRANT CORPORATION YARD/ROADS

CHEMICAL LOCATION

201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

752 CHESTNUT ST., REDWOOD CITY, CA. 94063

FACILITY ID #

CIA 09182 017683

MAP # (optional)

203

GRID # (optional)

204

II. CHEMICAL INFORMATION

CHEMICAL NAME

SODIUM HYDROXIDE

TRADE SECRET Yes No 205

If Subject to EPCRA, refer to instructions

COMMON NAME

CAUSTIC SODA SOLUTION

EHS* Yes No 208

CAS #

001310-73-2

*If EHS is "Yes", all amounts below must be in lbs. 209

FIRE CODE HAZARD CLASS

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

211

RADIOACTIVE

Yes No

212

CURIES

213

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS

214

LARGEST CONTAINER

55 GAL.

215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

55 GAL.

217

MAXIMUM STORAGE AMOUNT

55 GAL.

218

ANNUAL WASTE AMOUNT

110 GAL.

219

STATE WASTE CODE

220

UNITS*

(Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

* If EHS, amount must be in pounds.

DAYS ON SITE

365

222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

1 226 **SODIUM HYDROXIDE NaOH 48.5-50.5%** 227

Yes No 228

229

2 230 231

Yes No 232

233

3 234 235

Yes No 236

237

4 238 239

Yes No 240

241

142 243

Yes No 244

245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

Hazardous Materials Inventory - Chemical Description Page Instructions

You must complete a separate inventory page for each individual hazardous material and hazardous waste that you handle at your facility in an aggregate quantity subject to Hazardous Materials Business Plan (HMBP) reporting requirements. (Refer to the HMBP instructions available on the Internet at www.unidocs.org/hazmat/business-plan/index.html.) The completed inventory must reflect all hazardous materials at your facility, reported **separately** for each building or outside storage area, with **separate** pages for unique occurrences of physical state, storage temperature, or storage pressure. Where the aggregate quantities of some hazardous materials are below the HMBP threshold reporting quantity, report the **general hazard class** of the materials (e.g., "Misc. Flammable Liquids"), rather than the Common Name, and the aggregate quantity of all hazardous materials having this hazard class which individually are below the threshold reporting quantity. [Note: Numbering of the following instructions follows the Unified Program Consolidated Form (UJPCF) data element numbers on the form. These data element numbers are used for electronic submittal and are the same as the numbering used in the Unified Program Data Dictionary in 27 CCR, Division 3.] Please number all pages of your submittal.

1. FACILITY ID NUMBER - This number is for agency use only. Leave this space blank.
3. BUSINESS NAME - Enter the complete Facility Name.
200. ADD/DELETE/REVISE - Indicate whether the material is being added to the inventory, deleted from the inventory, or if information previously submitted is being revised. (Note: You may leave this blank if you resubmit your entire inventory annually.)
201. CHEMICAL LOCATION - Enter the building or outside area where the hazardous material is handled. A chemical stored at the same pressure and temperature in multiple locations in one building may be reported on a single page.
202. CHEMICAL LOCATION CONFIDENTIAL - EPCRA - You must check "Yes" to keep chemical location information confidential. If you do not wish to keep chemical location information confidential check "No."
203. MAP NUMBER - Enter the page number of the Business Plan Storage Map where the location of the hazardous material is shown.
204. GRID NUMBER - Enter the grid coordinates from your Business Plan Storage Map that correspond to the location of the hazardous material. If applicable, multiple grid coordinates can be listed.
205. CHEMICAL NAME - Enter the proper chemical name of the hazardous material. If the chemical is a mixture or waste, do not complete this field; complete the "Common Name" field instead.
206. TRADE SECRET - Check "Yes" if the information in this section is declared a trade secret, "No" if it is not. If "Yes," and the business is subject to EPCRA, disclosure of designated Trade Secret information is bound by 40 CFR and the business must submit a "Substantiation to Accompany Claims of Trade Secrecy" form to the United States Environmental Protection Agency.
207. COMMON NAME - Enter the common name or trade name of the hazardous material or mixture (e.g., gasoline).
208. EHS - Check "Yes" if the hazardous material is an Extremely Hazardous Substance (EHS) as defined in 40 CFR, Part 355, Appendix A. If the material is a mixture containing an EHS, leave this section blank and complete the section on hazardous components, below.
209. CAS # - Enter the Chemical Abstract Service (CAS) number for the hazardous material. For mixtures, enter the CAS number of the mixture if it has been assigned a number distinct from its components. If the mixture has no CAS number, leave this column blank and report the CAS numbers of the individual hazardous components in the appropriate section, below.
210. FIRE CODE HAZARD CLASSES - Provide this information if required by your local agency. A list of hazard classes and instructions on how to determine which class a material falls under are included in the appendices of Article 80 of the Uniform Fire Code. If a material has more than one applicable hazard class, include all. Contact your local agency for guidance.
211. HAZARDOUS MATERIAL TYPE - Check the one box that best describes the type of hazardous material: pure, mixture or waste. If the material is a waste, check only the "Waste" box.
212. RADIOACTIVE - Check "Yes" if the hazardous material is radioactive or "No" if it is not.
213. CURIES - If the hazardous material is radioactive, use this area to report the activity in curies.
214. PHYSICAL STATE - Check the one box that best describes the physical state of the hazardous material.
215. LARGEST CONTAINER - Enter the total capacity of the largest container in which the material is stored.
216. FEDERAL HAZARD CATEGORIES - Check all categories that describe the physical and health hazards associated with the hazardous material.

PHYSICAL HAZARDS	HEALTH HAZARDS
Fire: Flammable Liquids and Solids, Combustible Liquids, Pyrophorics, Oxidizers	Acute Health (Immediate): Toxics, Highly Toxics, Irritants, Sensitizers, Corrosives, other hazardous chemicals with an adverse effect with short-term exposure
Reactive: Unstable Reactives, Organic Peroxides, Water Reactives, Radioactives	Chronic Health (Delayed): Carcinogens, other chemicals with an adverse effect with long-term exposure
Pressure Release: Explosives, Compressed Gases, Blasting Agents	

217. AVERAGE DAILY AMOUNT - Calculate the average daily amount of the hazardous material or mixture in this building or outside area. If this is a material that is new to this location, the amount shall be the average daily amount you project to be on hand during the course of the year. This amount must be consistent with the units reported in box 221 and must not exceed that of maximum daily amount.
218. MAXIMUM DAILY AMOUNT - Enter the maximum amount of each hazardous material or mixture handled in this building or outside area at any one time over the course of the year. This amount must contain, at a minimum, last year's reported inventory with the reflection of additions, deletions, or revisions projected for the current year. This amount must be consistent with the units reported in box 221.
219. ANNUAL WASTE AMOUNT - If the material is a hazardous waste, enter the estimated annual amount handled.
220. STATE WASTE CODE - If the material is a hazardous waste, enter the appropriate California 3-digit hazardous waste code as listed on the Uniform Hazardous Waste Manifest.
221. UNITS - Check the unit of measure most appropriate for the material. [Note: If the material is a federally defined Extremely Hazardous Substance (EHS) and the Maximum Daily Amount is equal to or greater than the EPCRA reporting threshold, and is not a mixture, all amounts must be reported in pounds.]
222. DAYS ON SITE - List the total number of days during the year that the material is on site.
223. STORAGE CONTAINER - Check the boxes that describe the types of containers in which the material is stored.
224. STORAGE PRESSURE - Check the box that best describes the pressure at which the material is stored.
225. STORAGE TEMPERATURE - Check the box that best describes the temperature at which the material is stored.
226. HAZARDOUS COMPONENT (% BY WEIGHT) - If the material is a mixture, enter the percentage weight of the hazardous component(s). If a range of percentages is available, report the highest percentage in that range. (Repeat for components 2-5.)
227. HAZARDOUS COMPONENTS 1-5 NAME - If the material is a mixture, list the chemical name of each hazardous component in the mixture ranked by percent weight (refer to the MSDS or manufacturer). All hazardous components present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, must be reported. If more than five hazardous components exceed these percentages, you may attach an additional sheet of paper to report the required information. When reporting wastes, mineral and chemical composition must be listed. (Repeat for components 2-5.)
228. HAZARDOUS COMPONENTS 1-5 EHS - Check "Yes" if the component of the mixture is considered an Extremely Hazardous Substance as defined in 40 CFR, Part 355, or "No" if it is not. (Repeat for components 2-5.)
229. HAZARDOUS COMPONENTS 1-5 CAS - List the Chemical Abstract Service (CAS) numbers as related to the hazardous components in the mixture. (Repeat for components 2-5.)
246. LOCALLY COLLECTED INFORMATION - Provide the primary U.S. Department of Transportation numerical Hazard Class if required by your local agency. Contact your local agency for guidance.

Emergency Response/Contingency Plan

(Hazardous Materials Business Plan Module)

Authority Cited: HSC§ 25504(b); 19 CCR §2731; 22 CCR §66262.34(a)(4)

Page _____ of _____

All facilities that handle hazardous materials in HMBP quantities must have a written emergency response plan. In addition, facilities that generate 1,000 kilograms or more of hazardous waste (or more than 1 kilogram of acutely hazardous waste or 100 kilograms of debris resulting from the spill of an acutely hazardous waste) per month, or accumulate more than 6,000 kilograms of hazardous waste on-site at any one time, must prepare a hazardous waste contingency plan. Because the requirements are similar, they have been combined in a single document, provided below, for your convenience. This plan is a required module of the Hazardous Materials Business Plan (HMBP). If you already have a plan that meets these requirements, you should not complete the blank plan, below, but you must include a copy of your existing plan as part of your HMBP.

This site-specific Emergency Response/Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials that could threaten human health and/or the environment. **At least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency.** A copy of the plan and any revisions must be provided to any contractor, hospital, or agency with whom special (i.e., contractual) emergency services arrangements have been made (see section 3, below).

1. Evacuation Plan:

a. The following alarm signal(s) will be used to begin evacuation of the facility (check all that apply):

Bells; Horns/Sirens; Verbal (i.e., shouting); Other (specify _____)

b. Evacuation map is prominently displayed throughout the facility.

Note: A properly completed HMBP Site Plan satisfies contingency plan map requirements. This drawing (or any other drawing that shows primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas) must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

2. a. Emergency Contacts*:

Fire/Police/Ambulance Phone No.: **911**

State Office of Emergency Services Phone No.: **(800) 852-7550**

b. Post-Incident Contacts*:

Certified Unified Program Agency (CUPA) Phone No.: **(650) 372-6200**

Local Hazardous Materials Program Phone No.: **(650) 372-6200**

California EPA Department of Toxic Substances Control Phone No.: **(800) 728-6942**

Cal-OSHA Division of Occupational Safety and Health Phone No.: **(650) 573-3812**

Air Quality Management District Phone No.: **(415) 771-6000**

Regional Water Quality Control Board Phone No.: **(510) 622-2300**

* Phone numbers for agencies in Unidocs Member Agency geographic jurisdictions are available at www.unidocs.org.

c. Emergency Resources:

Poison Control Center* Phone No.: **(800) 876-4766**

Nearest Hospital: Name: Phone No.: () **911**

Address: City:

3. Arrangements With Emergency Responders:

If you have made special (i.e., contractual) arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements below:

Here is the 3rd page
4th page is the
update list I gave you

4. Emergency Procedures:Emergency Coordinator Responsibilities:

- a. Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the emergency coordinator (or his/her designee when the emergency coordinator is on call) shall:
 - i. Identify the character, exact source, amount, and areal extent of any released hazardous materials.
 - ii. Assess possible hazards to human health or the environment that may result from the explosion, fire, or release. This assessment must consider both direct and indirect effects (e.g., the effects of any toxic, irritating, or asphyxiating gases that are generated, the effects of any hazardous surface water run-off from water or chemical agents used to control fire, etc.).
 - iii. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
 - iv. Notify appropriate local authorities (i.e., call 911).
 - v. Notify the California Emergency Management Agency at (800) 852-7550.
 - vi. Monitor for leaks, pressure build-up, gas generation, or ruptures in valves, pipes, or other equipment shut down in response to the incident.
 - vii. Take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous materials at the facility.
- b. Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall:
 - i. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility.
 - ii. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.
 - iii. Ensure that all emergency equipment is cleaned, fit for its intended use, and available for use.
 - iv. Notify the California Department of Toxic Substances Control, the local CUPA, and the local fire department's hazardous materials program that the facility is in compliance with requirements b-i and b-ii, above.

Responsibilities of Other Personnel:

On a separate page, list any emergency response functions not covered in the "Emergency Coordinator Responsibilities" section, above. Next to each function, list the job title or name of each person responsible for performing the function. Number the page(s) appropriately.

5. Post-Incident Reporting/Recording:

The time, date, and details of any hazardous materials incident that requires implementation of this plan shall be noted in the facility's operating record.

Within 15 days of any hazardous materials emergency incident or threatened hazardous materials emergency incident that triggers implementation of this plan, a written Emergency Incident Report, including, but not limited to a description of the incident and the facility's response to the incident, must be submitted to the California Department of Toxic Substances Control, the local CUPA, and the local fire department's hazardous materials program. The report shall include:

- a. Name, address, and telephone number of the facility's owner/operator;
- b. Name, address, and telephone number of the facility;
- c. Date, time, and type of incident (e.g., fire, explosion, etc.);
- d. Name and quantity of material(s) involved;
- e. The extent of injuries, if any;
- f. An assessment of actual or potential hazards to human health or the environment, where this is applicable;
- g. Estimated quantity and disposition of recovered material that resulted from the incident;
- h. Cause(es) of the incident;
- i. Actions taken in response to the incident;
- j. Administrative or engineering controls designed to prevent such incidents in the future.

6. Earthquake Vulnerability: [19 CCR §2731(e)]

As an attachment to this plan, you must identify any areas of the facility and mechanical or other systems that require immediate inspection or isolation because of their vulnerability to earthquake-related ground motion.

7. Hazard Mitigation/Prevention/Abatement [19 CCR §2731(c)]

As an attachment to this plan, you must include procedures that provide for mitigation, prevention, or abatement of hazards to persons, property, or the environment. These procedures must be scaled appropriately for the size and nature of the business, the nature of the damage potential of the hazardous materials handled, and the proximity of the business to residential areas and other populations.

Employee Training Plan

(Hazardous Materials Business Plan Module)

Authority Cited: HSC, Section 25504(c); 22 CCR §66262.34(a)(4)

Page ____ of ____

All facilities that handle hazardous materials in HMBP quantities must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. **If you already have a brief written description of your training program that addresses all subjects covered below, you are not required to complete the blank plan, below, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. [Note: Items marked with an asterisk (*) are required.]:

1. Personnel are trained in the following procedures:

<input type="checkbox"/>	Internal alarm/notification *
<input checked="" type="checkbox"/>	Evacuation/re-entry procedures & assembly point locations*
<input checked="" type="checkbox"/>	Emergency incident reporting
<input checked="" type="checkbox"/>	External emergency response organization notification
<input type="checkbox"/>	Location(s) and contents of Emergency Response/Contingency Plan
<input type="checkbox"/>	Facility evacuation drills, that are conducted at least (specify): (e.g., "Quarterly", etc.)

2. Chemical Handlers are additionally trained in the following:

<input checked="" type="checkbox"/>	Safe methods for handling and storage of hazardous materials *
<input checked="" type="checkbox"/>	Location(s) and proper use of fire and spill control equipment
<input checked="" type="checkbox"/>	Spill procedures/emergency procedures
<input type="checkbox"/>	Proper use of personal protective equipment *
<input checked="" type="checkbox"/>	Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure (i.e., inhalation, ingestion, absorption) *
<input checked="" type="checkbox"/>	Hazardous Waste Handlers/Managers are trained in all aspects of hazardous waste management specific to their job duties (e.g., container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.) *

3. Emergency Response Team Members are capable of and engaged in the following:

Complete this section only if you have an in-house emergency response team

<input type="checkbox"/>	Personnel rescue procedures
<input type="checkbox"/>	Shutdown of operations
<input type="checkbox"/>	Liaison with responding agencies
<input type="checkbox"/>	Use, maintenance, and replacement of emergency response equipment
<input type="checkbox"/>	Refresher training, which is provided at least annually *
<input type="checkbox"/>	Emergency response drills, which are conducted at least (specify): (e.g., "Quarterly", etc.)

Record Keeping
(Hazardous Materials Business Plan Module)

All facilities that handle hazardous materials must maintain records associated with their management. A summary of your record keeping procedures is a required module of the Unidocs Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. **If you already have a brief written description of your hazardous materials record keeping systems that addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]*:

<input checked="" type="checkbox"/>	Current employees' training records (to be retained until closure of the facility) *
<input checked="" type="checkbox"/>	Former employees' training records (to be retained at least three years after termination of employment) *
<input checked="" type="checkbox"/>	Training Program(s) (i.e., written description of introductory and continuing training) *
<input checked="" type="checkbox"/>	Current copy of this Emergency Response/Contingency Plan *
<input type="checkbox"/>	Record of recordable/reportable hazardous material/waste releases *
<input type="checkbox"/>	Record of hazardous material/waste storage area inspections *
<input type="checkbox"/>	Record of hazardous waste tank daily inspections *
<input type="checkbox"/>	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

Note: The following section applies where local agencies require facility owners/operators to perform and document routine facility self-inspections:

A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. [Exception: Unidocs provides a Hazardous Materials/Waste Storage Area Inspection Form that you may use if you do not already have your own form. If you use the Unidocs form (available at www.unidocs.org), you do not need to attach a copy.]

Check the appropriate box:

<input type="checkbox"/>	We will use the Unidocs "Hazardous Materials/Waste Storage Area Inspection Form" to document inspections.
<input type="checkbox"/>	We will use our own documents to record inspections. (A blank copy of each document used must be attached to this HMBP.)

Facility Site Plan and Storage Map Instructions (Hazardous Materials Business Plan Module)

A Site Plan (public document) and Storage Map (confidential document) must be included with your HMBP. For relatively small facilities, these documents may be combined into one drawing. However, if combined, the combined Site Plan/Storage Map will become a public document. If you are concerned about displaying the storage locations of hazardous materials to the public, you must provide a separate facility Storage Map. Since these drawings are intended for use in emergency response situations, larger facilities (*generally those with complex and/or multiple buildings*) should provide an overall site plan and a separate storage map for each building/storage area. A blank Facility Site Plan/Storage Map sheet has been provided on the following page. You may complete that page or attach any other drawing(s) that contain(s) the information required below:

1. Site Plan (public document): This drawing shall contain, at a minimum, the following information:

- a. An indication of North Direction;
- b. Approximate scale (*e.g., "1 inch = 10 feet"*);
- c. Date the map was drawn;
- d. All streets bordering the facility;
- e. Locations of all buildings and other structures;
- f. Parking lots and internal roads;
- g. Hazardous materials loading/unloading areas;
- h. Outside hazardous materials storage or use areas;
- i. Storm drain and sanitary sewer drain inlets;
- j. Wells for monitoring of underground tank systems;
- k. Primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas.

2. Storage Map (confidential): The map(s) shall contain, at a minimum, the following information:

- a. General purpose of each section/area within each building (*e.g., "Office Area", "Manufacturing Area", etc.*);
- b. Location of each hazardous material/waste storage, dispensing, use, or handling area (*e.g., individual underground tanks, aboveground tanks, storage rooms, paint booths, etc.*). Each area shall be identifiable by a Grid Number, to be used in item 204 on the Hazardous Materials Inventory - Chemical Description pages of the Business Plan;
- c. For tanks, the capacity limit in gallons and common name of the hazardous material contained in each tank;
- d. Entrances to and exits from each building and hazardous material/waste room/area;
- e. Location of each utility emergency shut-off point (*i.e., gas, water, electric.*);
- f. Location of each monitoring system control panel (*e.g., underground tank monitoring, toxic gas monitoring, etc.*).

Facility Site Plan/Storage Map
(Hazardous Materials Business Plan Module)

Site Address: _____

Date Map Drawn: _____ Map Scale: _____ Page _____ of _____

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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8. Emergency Equipment:

22 CCR §66265.52(e) [as referenced by 22 CCR §66262.34(a)(4)] requires that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Locations *	4. Description**
Personal Protective Equipment, Safety Equipment, and First Aid Equipment	<input type="checkbox"/> Cartridge Respirators		
	<input type="checkbox"/> Chemical Monitoring Equipment (describe)		
	<input type="checkbox"/> Chemical Protective Aprons/Coats		
	<input type="checkbox"/> Chemical Protective Boots		
	<input checked="" type="checkbox"/> Chemical Protective Gloves	Vehicles	Latex gloves
	<input type="checkbox"/> Chemical Protective Suits (describe)		
	<input checked="" type="checkbox"/> Face Shields	Yard	
	<input checked="" type="checkbox"/> First Aid Kits/Stations (describe)	Yard & Veh.	
	<input checked="" type="checkbox"/> Hard Hats		one for ea. employee
	<input checked="" type="checkbox"/> Plumbed Eye Wash Stations	Yard	Next to building
	<input checked="" type="checkbox"/> Portable Eye Wash Kits (i.e., bottle type)		First Aid Kit
	<input type="checkbox"/> Respirator Cartridges (describe)		
	<input checked="" type="checkbox"/> Safety Glasses/Splash Goggles		supplied to employees
<input checked="" type="checkbox"/> Safety Showers		plumbed shower	
<input type="checkbox"/> Self-Contained Breathing Apparatuses (SCBA)			
<input checked="" type="checkbox"/> Other (describe)		leather gloves, chain saw chaps, ear protection -muffs and plugs	
Fire Extinguishing Systems	<input type="checkbox"/> Automatic Fire Sprinkler Systems		
	<input type="checkbox"/> Fire Alarm Boxes/Stations		
	<input type="checkbox"/> Fire Extinguisher Systems (describe)		
	<input checked="" type="checkbox"/> Fire Extinguishers (describe)	Yard & Bldg	ABC in ea. veh. and bldg/fuel pumps
	<input type="checkbox"/> Other (describe)		
Spill Control Equipment and Decontamination Equipment	<input checked="" type="checkbox"/> Absorbents (describe)	Yard	Dry sand, fabric pads
	<input checked="" type="checkbox"/> Berms/Dikes (describe)	Yard	
	<input type="checkbox"/> Decontamination Equipment (describe)		
	<input checked="" type="checkbox"/> Emergency Tanks (describe)		55gal haz material storage drum
	<input type="checkbox"/> Exhaust Hoods		
	<input type="checkbox"/> Gas Cylinder Leak Repair Kits (describe)		
	<input type="checkbox"/> Neutralizers (describe)		
	<input type="checkbox"/> Overpack Drums		
	<input type="checkbox"/> Sumps (describe)		
<input type="checkbox"/> Other (describe)			
Communications and Alarm Systems	<input checked="" type="checkbox"/> Chemical Alarms (describe)	inside bldg	fuel alarms/ leaks, overfill, etc.
	<input type="checkbox"/> Intercoms/ PA Systems		
	<input checked="" type="checkbox"/> Portable Radios	vehicles	2-way in ea vehicle
	<input checked="" type="checkbox"/> Telephones	inside bldg	land line and county issued cells for Supes
	<input checked="" type="checkbox"/> Tank Leak Detection Systems		Veeder Root TLS-350
<input checked="" type="checkbox"/> Other (describe)		2 way portable handheld radios for job site	
Additional Equipment (Use Additional Pages if Needed.)	<input type="checkbox"/>		
	<input type="checkbox"/>		

* Use the map and grid numbers from the Storage Map prepared earlier for your HMBP.

** Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.

8. Emergency Equipment:

22 CCR §66265.52(e) [as referenced by 22 CCR §66262.34(a)(4)] requires that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Locations *	4. Description**
Personal Protective Equipment, Safety Equipment, and First Aid Equipment	<input type="checkbox"/> Cartridge Respirators		
	<input type="checkbox"/> Chemical Monitoring Equipment <i>(describe)</i>		
	<input type="checkbox"/> Chemical Protective Aprons/Coats		
	<input type="checkbox"/> Chemical Protective Boots		
	<input type="checkbox"/> Chemical Protective Gloves		
	<input type="checkbox"/> Chemical Protective Suits <i>(describe)</i>		
	<input type="checkbox"/> Face Shields		
	<input type="checkbox"/> First Aid Kits/Stations <i>(describe)</i>		
	<input type="checkbox"/> Hard Hats		
	<input type="checkbox"/> Plumbed Eye Wash Stations		
	<input type="checkbox"/> Portable Eye Wash Kits <i>(i.e., bottle type)</i>		
	<input type="checkbox"/> Respirator Cartridges <i>(describe)</i>		
	<input type="checkbox"/> Safety Glasses/Splash Goggles		
	<input type="checkbox"/> Safety Showers		
	<input type="checkbox"/> Self-Contained Breathing Apparatuses (SCBA)		
<input type="checkbox"/> Other <i>(describe)</i>			
Fire Extinguishing Systems	<input type="checkbox"/> Automatic Fire Sprinkler Systems		
	<input type="checkbox"/> Fire Alarm Boxes/Stations		
	<input type="checkbox"/> Fire Extinguisher Systems <i>(describe)</i>		
	<input type="checkbox"/> Fire Extinguishers <i>(describe)</i>		
	<input type="checkbox"/> Other <i>(describe)</i>		
Spill Control Equipment and Decontamination Equipment	<input type="checkbox"/> Absorbents <i>(describe)</i>		
	<input type="checkbox"/> Berms/Dikes <i>(describe)</i>		
	<input type="checkbox"/> Decontamination Equipment <i>(describe)</i>		
	<input type="checkbox"/> Emergency Tanks <i>(describe)</i>		
	<input type="checkbox"/> Exhaust Hoods		
	<input type="checkbox"/> Gas Cylinder Leak Repair Kits <i>(describe)</i>		
	<input type="checkbox"/> Neutralizers <i>(describe)</i>		
	<input type="checkbox"/> Overpack Drums		
	<input type="checkbox"/> Sumps <i>(describe)</i>		
<input type="checkbox"/> Other <i>(describe)</i>			
Communications and Alarm Systems	<input type="checkbox"/> Chemical Alarms <i>(describe)</i>		
	<input type="checkbox"/> Intercoms/ PA Systems		
	<input type="checkbox"/> Portable Radios		
	<input type="checkbox"/> Telephones		
	<input type="checkbox"/> Tank Leak Detection Systems		
	<input type="checkbox"/> Other <i>(describe)</i>		
Additional Equipment <i>(Use Additional Pages if Needed.)</i>	<input type="checkbox"/>		
	<input type="checkbox"/>		

* Use the map and grid numbers from the Storage Map prepared earlier for your IIMBP.

** Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.

Employee Training Plan
(Hazardous Materials Business Plan Module)

Authority Cited: HSC, Section 25504(c); 22 CCR §66262.34(a)(4)

Page ____ of ____

All facilities that handle hazardous materials in HMBP quantities must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. **If you already have a brief written description of your training program that addresses all subjects covered below, you are not required to complete the blank plan, below, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. [Note: Items marked with an asterisk (*) are required.]:

1. Personnel are trained in the following procedures:

<input type="checkbox"/> Internal alarm/notification *
<input type="checkbox"/> Evacuation/re-entry procedures & assembly point locations*
<input type="checkbox"/> Emergency incident reporting
<input type="checkbox"/> External emergency response organization notification
<input type="checkbox"/> Location(s) and contents of Emergency Response/Contingency Plan
<input type="checkbox"/> Facility evacuation drills, that are conducted at least (specify): (e.g., "Quarterly", etc.)

2. Chemical Handlers are additionally trained in the following:

<input type="checkbox"/> Safe methods for handling and storage of hazardous materials *
<input type="checkbox"/> Location(s) and proper use of fire and spill control equipment
<input type="checkbox"/> Spill procedures/emergency procedures
<input type="checkbox"/> Proper use of personal protective equipment *
<input type="checkbox"/> Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure (i.e., inhalation, ingestion, absorption) *
<input type="checkbox"/> Hazardous Waste Handlers/Managers are trained in all aspects of hazardous waste management specific to their job duties (e.g., container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.) *

3. Emergency Response Team Members are capable of and engaged in the following:

Complete this section only if you have an in-house emergency response team

<input type="checkbox"/> Personnel rescue procedures
<input type="checkbox"/> Shutdown of operations
<input type="checkbox"/> Liaison with responding agencies
<input type="checkbox"/> Use, maintenance, and replacement of emergency response equipment
<input type="checkbox"/> Refresher training, which is provided at least annually *
<input type="checkbox"/> Emergency response drills, which are conducted at least (specify): (e.g., "Quarterly", etc.)



San Mateo County Environmental Health Services Division
Certified Unified Program Agency (CUPA)
2000 Alameda de las Pulgás, Suite 100
San Mateo, CA 94403

**HAZARDOUS MATERIALS BUSINESS PLAN (HMBP)
ANNUAL CERTIFICATION FORM**

Submit a revised HMBP within thirty days if there are changes to any of the following items:

1. Business name and/or address;
2. Business ownership;
3. Storage or handling of any undisclosed reportable hazardous material;
4. A 100 percent or more increase in the quantity of a previously disclosed material;
5. Any significant operational change requiring modifications to the HMBP.

Complete this form to certify that the HMBP is complete and accurate based on the criteria referenced below. This form can be used for the annual and/or triennial certification requirement.

Business Name: COUNTY OF SAN MATEO PUBLIC WORKS

Business Address: 752 CHESTNUT ST.
REDWOOD CITY, CALIF. 94063

Certification:

1. The information contained in the hazardous materials inventory most recently submitted to the CUPA is complete, accurate, and up to date.
 2. There has been no change in the quantity of hazardous materials reported in the most recently submitted inventory.
 3. No hazardous materials subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
 4. This certification is not used to comply with EPCRA reporting requirements.
- Check if this certification is also for the HMBP triennial review/certification.

SIGNATURE (Owner or Official Representative)

DATE

PRINTED NAME

TITLE

PHONE NO.

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY



Protecting Our Health and Environment

Hazardous Materials Business Plan Inspection Report
San Mateo County Environmental Health Services Division
Certified Unified Program Agency (CUPA)
455 County Center, EHS126, Redwood City, CA 94063
Phone: (650) 363-4305 | Fax: (650) 363-7882
<http://www.smhealth.org/environ>

Business Name: <u>San Mateo Corporation Yard</u>		Date: <u>4/3/07</u>	
Site Address: <u>Vehicles & Equipment</u> <u>752 Chestnut</u>		Phone #: <u>363-4147</u>	
City: <u>Redwood City</u>		Zip Code: <u>94063</u>	
Mailing Address: <u>752 Chestnut St</u> <u>555 County Center, DPW</u>	City: <u>RWC</u>	State: <u>CA</u>	Zip Code: <u>94063</u>
Facility Contact Name: <u>Tony Harwood</u>		Title: <u>Service Mgr.</u>	

Description	Section	In Compliance	Comments
Business Activities	HSC 25505	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Business Owner/Operator Ident. Facility/Owner information, Emergency contacts, Certification	HSC 25504	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Chemical Inventory Chemical disclosure, Complete information	HSC 25509	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Emergency Preparedness Spill prevention, Emergency response plan, Adequate response equipment	HSC 25504	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Employee Training Chemical safety, Emergency response, Annual documentation	HSC 25504	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Site Map Chemical location, Evacuation route, Assembly area, Complete information	HSC 25505	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
HMBP Review/Certification Completed minimum every three years	HSC 25505	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
HMBP Annual Certification	HSC 25505	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Spill Notification and Reporting	HSC 25507	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
* Aboveground Petroleum Storage SPCC plan required, SPCC plan on-site	HSC 25270.5	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	
CalARP Program Registration submitted	HSC 25533	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	

HMBP Report Narrative: HMBP Review Summary of Violations Notice to Comply Continued

Total maximum storage of petroleum products and wastes (used oils) equals 1185 gallons per latest business plan. Therefore, this site is not subject to SPCC plan requirements for above-ground petroleum storage.

Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within 30 DAYS from the inspection date. TWO COPIES of the new or revised HMBP must be submitted upon request.

<input type="radio"/> Follow-up Required	Next Inspection Date:	Inspected by: <u>J. Lopez</u>
Facility Contact Signature: <u>[Signature]</u>	Printed Name: <u>Tony Harwood</u>	Date: <u>4/10/07</u>

ENVIRONMENTAL HEALTH

SAN MATEO COUNTY



Protecting Our Health and Environment

Hazardous Materials Business Plan Inspection Report

San Mateo County Environmental Health Services Division

Certified Unified Program Agency (CUPA)

455 County Center, EHS126, Redwood City, CA 94063

Phone: (650) 363-4305 | Fax: (650) 363-7882

http://www.smhealth.org/envirom

Business Name: <i>San Mateo County Vehicles & Equip.</i>		Date: <i>3/21/07</i>	
Site Address: <i>752 Chestnut Street</i>		Phone #: <i>(650) 363-4147</i>	
City: <i>Redwood City</i>		Zip Code: <i>94063</i>	
Mailing Address: <i>752 Chestnut St.</i>	City: <i>RWC</i>	State: <i>CA</i>	Zip Code: <i>94063</i>
Facility Contact Name: <i>Tony Harwood</i>		Title: <i>Service Manager</i>	

Description	Section	In Compliance	Comments
Business Activities	HSC 25505	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Business Owner/Operator Ident. Facility/Owner information, Emergency contacts, Certification	HSC 25504	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chemical Inventory Chemical disclosure, Complete information	HSC 25509	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Emergency Preparedness Spill prevention, Emergency response plan, Adequate response equipment	HSC 25504	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Employee Training Chemical safety, Emergency response, Annual documentation	HSC 25504	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Site Map Chemical location, Evacuation route, Assembly area, Complete information	HSC 25505	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
HMBP Review/Certification Completed minimum every three years	HSC 25505	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
HMBP Annual Certification	HSC 25505	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Spill Notification and Reporting	HSC 25507	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Aboveground Petroleum Storage SPCC plan required, SPCC plan on-site	HSC 25270.5	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
CalARP Program Registration submitted	HSC 25533	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

HMBP Report Narrative: HMBP Review Summary of Violations Notice to Comply Continued

No violations observed.

** Make sure all containers are identified.*

Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within 30 DAYS from the inspection date. TWO COPIES of the new or revised HMBP must be submitted upon request.

<input type="radio"/> Follow-up Required	Next Inspection Date:	Inspected by: <i>L. Lipe</i>
Facility Contact Signature: <i>[Signature]</i>	Printed Name: <i>TONY HARWOOD</i>	Date: <i>3/22/07</i>

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY



Protecting Our Health and Environment

Hazardous Materials Business Plan Inspection Report
San Mateo County Environmental Health Services Division
Certified Unified Program Agency (CUPA)
2000 Alameda de Las Pulgas, Suite 100, San Mateo, CA 94403
Phone: (650) 372-6200 | Fax: (650) 627-8244
http://www.smhealth.org/envirom

sewer +

Business Name: <i>SMC Corp yard vehicle + Equip.</i>		Date: <i>4/14/2011</i>	
Site Address: <i>752 Chestnut</i>		Phone #: <i>363-4145</i>	
City: <i>RWC</i>		Zip Code:	
Mailing Address:	City:	State:	Zip Code:
Facility Contact Name: <i>Duane Minor</i>		Title:	

Description	Section	In Compliance	Comments
Business Activities	CCR 2729.2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Business Owner/Operator Ident. Facility/Owner information, Emergency contacts, Certification	CCR 2729.2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chemical Inventory Chemical disclosure, Complete information	HSC 25509	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Emergency Preparedness Spill prevention, Emergency response plan, Adequate response equipment	HSC 25504	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Employee Training Chemical safety, Emergency response, Annual documentation	HSC 25504	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Site Map Chemical location, Evacuation route, Assembly area, Complete information	CCR 2729.2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
HMBP Review/Certification Completed minimum every three years	HSC 25505	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
HMBP Annual Certification	HSC 25505	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Spill Notification and Reporting	HSC 25507	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Aboveground Petroleum Storage SPCC plan required, SPCC plan on-site	HSC 25270.5	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
CalARP Program Registration submitted	HSC 25533	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

HMBP Report Narrative: HMBP Review Summary of Violations Notice to Comply Continued

please complete new HMBP and submit within 30 days

Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within **30 DAYS** from the inspection date. **TWO COPIES** of the new or revised HMBP must be submitted upon request.

Consent to Inspect Facility:	Signature: <i>[Signature]</i>	Inspected by: <i>Sabrina Mih</i>
Printed Name:	Facility Contact Signature: <i>[Signature]</i>	Date:

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY



Protecting Our Health and Environment

Hazardous Materials Business Plan Inspection Report
San Mateo County Environmental Health Services Division
Certified Unified Program Agency (CUPA)
2000 Alameda de Las Pulgas, Suite 100, San Mateo, CA 94403
Phone: (650) 372-6200 | Fax: (650) 627-8244
http://www.smhealth.org/enviro

Business Name: <i>SMC Corp yard/ vehicle + Equip</i>		Date: <i>5/4/2010</i>	
Site Address: <i>752 Chestnut</i>		Phone #: <i>363-4145</i>	
City: <i>RWC</i>		Zip Code:	
Mailing Address:	City:	State:	Zip Code:
Facility Contact Name: <i>Diane Minor</i>		Title:	

Description	Section	In Compliance	Comments
Business Activities	CCR 2729.2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Business Owner/Operator Ident. Facility/Owner information, Emergency contacts, Certification	CCR 2729.2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chemical Inventory Chemical disclosure, Complete information	HSC 25509	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Emergency Preparedness Spill prevention, Emergency response plan, Adequate response equipment	HSC 25504	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Employee Training Chemical safety, Emergency response, Annual documentation	HSC 25504	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Site Map Chemical location, Evacuation route, Assembly area, Complete information	CCR 2729.2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
HMBP Review/Certification Completed minimum every three years	HSC 25505	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
HMBP Annual Certification	HSC 25505	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<i>submitted during inspection new HMBP is being updated</i>
Spill Notification and Reporting	HSC 25507	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Aboveground Petroleum Storage SPCC plan required, SPCC plan on-site	HSC 25270.5	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
CalARP Program Registration submitted	HSC 25533	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

HMBP Report Narrative: HMBP Review Summary of Violations Notice to Comply Continued

Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within **30 DAYS** from the inspection date. **TWO COPIES** of the new or revised HMBP must be submitted upon request.

Consent to Inspect Facility:	Signature: <i>Diane E. Minor</i>	Inspected by: <i>Sabrina Mih</i>
Printed Name: <i>DIANE E. MINOR</i>	Facility Contact Signature: <i>Diane E. Minor</i>	Date:

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY



Protecting Our Health and Environment

Hazardous Materials Business Plan Inspection Report

San Mateo County Environmental Health Services Division
Certified Unified Program Agency (CUPA)
2000 Alameda de Las Pulgas, Suite 100, San Mateo, CA 94403
Phone: (650) 372-6200 | Fax: (650) 627-8244
http://www.smhealth.org/enviro

PR0023493

Business Name: <u>San Mateo County Vehicles & Equipment</u>		Date: <u>3/24/09</u>	
Site Address: <u>752 Chestnut Street</u>		Phone #: <u>363-4147</u>	
City: <u>Redwood City</u>		Zip Code: <u>94063</u>	
Mailing Address: <u>555 County Center 5th Floor</u>		City: <u>Redwood City</u>	State: <u>CA</u> Zip Code: <u>94063</u>
Facility Contact Name: <u>TONY HARWOOD</u>		Title: <u>Service Mgr.</u>	

Description	Section	In Compliance	Comments
Business Activities	HSC 25505	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Business Owner/Operator Ident. Facility/Owner information, Emergency contacts, Certification	HSC 25504	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chemical Inventory Chemical disclosure, Complete information	HSC 25509	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Emergency Preparedness Spill prevention, Emergency response plan, Adequate response equipment	HSC 25504	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Employee Training Chemical safety, Emergency response, Annual documentation	HSC 25504	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Site Map Chemical location, Evacuation route, Assembly area, Complete information	HSC 25505	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
HMBP Review/Certification Completed minimum every three years	HSC 25505	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
HMBP Annual Certification	HSC 25505	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Spill Notification and Reporting	HSC 25507	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Aboveground Petroleum Storage SPCC plan required, SPCC plan on-site	HSC 25270.5	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
CalARP Program Registration submitted	HSC 25533	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

HMBP Report Narrative: HMBP Review Summary of Violations Notice to Comply Continued

- ① Remember to update HMBP as changes occur (staffing & volumes)
- ② please insure to certify HMBP annually

Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within 30 DAYS from the inspection date. TWO COPIES of the new or revised HMBP must be submitted upon request.

Consent to Inspect Facility:	Signature:	Inspected by:
Printed Name: <u>DUANE E. MINSER</u>	Facility Contact Signature:	Date: <u>3/24/09</u>

**ENVIRONMENTAL HEALTH
SAN MATEO COUNTY**



Protecting Our Health and Environment

**SAN MATEO COUNTY ENVIRONMENTAL HEALTH
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063**

**HAZARDOUS MATERIALS BUSINESS PLAN (HMBP)
ANNUAL CERTIFICATION FORM**

Instructions: Review the HMBP annually and complete this form to certify that no changes to the following items have occurred at your business.

1. Business name and/or address;
2. Business ownership;
3. Storage or handling of any undisclosed reportable hazardous material;
4. A 100 percent or more increase in the quantity of a previously disclosed material;
5. Any significant operational change requiring modifications to the HMBP.

Business Name: SAN MATEO COUNTY PUBLIC WORKS GRANT CORPORATION YARD

Business Address: 752 CHESTNUT STREET, REDWOOD CITY, CA 94063

Certification:

1. The information contained in the hazardous materials inventory most recently submitted to the CUPA is complete, accurate, and up to date.
2. There has been no change in the quantity of hazardous materials reported in the most recently submitted inventory.
3. No hazardous materials subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
4. This certification is not used to comply with EPCRA reporting requirements.

Robert Radcliffe
SIGNATURE (Owner or Official Representative)

4/3/07
DATE

Robert Radcliffe
PRINTED NAME

Vehicle & Equipment Manager
TITLE

1-650-599-1651
PHONE NO.

DEPARTMENT
OF
PUBLIC WORKS

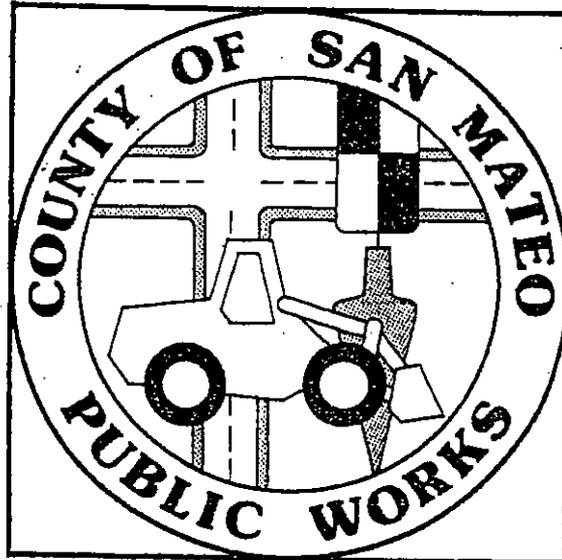
SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

MAR 22 2007

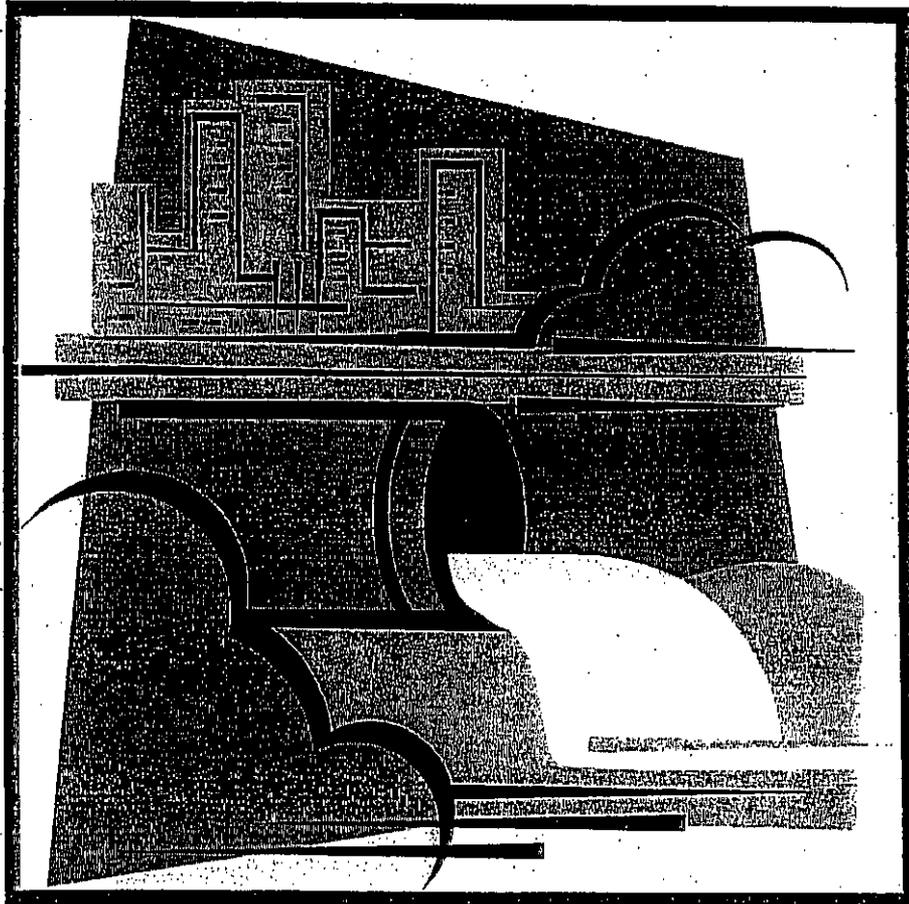
RECEIVED

HAZARDOUS MATERIALS
BUSINESS PLAN

**GRANT
CORPORATION YARD
VEHICLES & EQUIPMENT**



HAZARDOUS MATERIALS BUSINESS PLAN



ENVIRONMENTAL HEALTH
SAN MATEO COUNTY



Protecting Our Health and Environment

San Mateo County Environmental Health Services Division
455 County Center, 4th Floor
Redwood City, CA 94063
Telephone: (650) 363-4305

* This plan updated
 May of 2006 and
 March 22, 2007

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION	
FACILITY ID #	EPA ID # (Hazardous Waste Only) CAD 982017683
BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As)	

II. ACTIVITIES DECLARATION

NOTE: If you answer YES to any part of this form, submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF.	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs)? See instructions for additional reporting criteria.	Circle Yes or No <input checked="" type="radio"/> YES <input type="radio"/> NO	4 HAZARDOUS MATERIALS INVENTORY CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks? 2. Intend to upgrade existing or install new USTs? Need to report closing a UST?	<input checked="" type="radio"/> YES <input type="radio"/> NO YES <input checked="" type="radio"/> NO YES <input checked="" type="radio"/> NO	5 UST FACILITY (Formerly SWRCS Form A) UST TANK (one per tank) (Formerly Form B) 6 UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one per tank) (Formerly Form C) 7 UST TANK (closure portion—one per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: —single tank capacity is greater than 660 gallons, or —total capacity for multiple tanks is greater than 1,320 gallons?	YES <input checked="" type="radio"/> NO	8 NO FORM REQUIRED BY CUPA
D. HAZARDOUS WASTE 1. Generate hazardous waste? 2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC Section 25143.2)? 3. Treat hazardous waste on site? 4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)? 5. Consolidate hazardous waste generated at a remote site? 6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	<input checked="" type="radio"/> YES <input type="radio"/> NO YES <input checked="" type="radio"/> NO	9 EPA ID NUMBER—provide at the top of this page 10 RECYCLABLE MATERIALS REPORT (one per recycler) 11 ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Form 1772) ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one per unit) (Formerly DTSC Forms 1772 A,B,C,D, and L) 12 CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232) 13 REMOTE WASTE/CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1195) 14 HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS

15

Pursuant to the California Health and Safety Code Division 20, Chapter 6.95, Section 25506, this agency must obtain consent from the business owner/operator or designated business representative in order to release chemical location information to the public. This includes, but is not limited to, chemical locations provided in the chemical description section and site maps. Please circle "Yes" or "No" to indicate whether or not this information can be released to the public and sign/print your name on the line below.

Consent: Yes No

Signature/Printed Name:

Robert Radcliffe

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
 455 COUNTY CENTER, 4TH FLOOR
 REDWOOD CITY, CA 94063

BUSINESS OWNER/OPERATOR IDENTIFICATION

UES Form 2730

Page ___ of ___

I. IDENTIFICATION

FACILITY ID # (Agency Use Only)	BEGINNING DATE 04/21/06	ENDING DATE 04/21/06
------------------------------------	----------------------------	-------------------------

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) Grant Corporation Yard VEHICLES & EQUIPMENT	BUSINESS PHONE (650) 363-4103
--	----------------------------------

BUSINESS SITE ADDRESS
752 CHESTNUT ST.

CITY REDWOOD CITY	STATE CA	ZIP CODE 94063
----------------------	-------------	-------------------

DUN & BRADSTREET	SIC CODE (4 digit #)
------------------	----------------------

COUNTY
SAN MATEO COUNTY

BUSINESS OPERATOR NAME TONY HARWOOD	BUSINESS OPERATOR PHONE (650) 363-4149
--	---

II. BUSINESS OWNER

OWNER NAME County Of San Mateo, Dept. Of Public Works	OWNER PHONE (650) 363-4100
--	-------------------------------

OWNER MAILING ADDRESS
555 COUNTY CENTER, 5TH FLOOR

CITY REDWOOD CITY	STATE CA	ZIP CODE 94063
----------------------	-------------	-------------------

III. ENVIRONMENTAL CONTACT

CONTACT NAME Lindsey Gipe Rehs Tony Harwood	CONTACT PHONE (650) 363- 4147 4147
--	---

CONTACT MAILING ADDRESS
455 COUNTY CENTER

CITY REDWOOD CITY	STATE CA	ZIP CODE 94063
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IV. EMERGENCY CONTACTS

-PRIMARY-	123	NAME	128
		Duane Minor	
-SECONDARY-	124	TITLE	129
		UTILITY WKR II	
-PRIMARY-	125	BUSINESS PHONE	130
		(650) 363-4147	
-SECONDARY-	126	24-HOUR PHONE	131
		(650) 363-4000	
-PRIMARY-	127	PAGER #	132

ADDITIONAL LOCALLY COLLECTED INFORMATION: See Hazardous Materials Business Plan

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	134	NAME OF DOCUMENT PREPARER	135
--	------	-----	---------------------------	-----

NAME OF SIGNER (print) Tony Harwood	136	TITLE OF SIGNER Equipment Mechanic Supervisor	137
--	-----	--	-----

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

EHS Form 2731

ADD DELETE REVISE 200

Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

Oil Room

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID # **CA 982 017683**

MAP # (optional) 202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

PETROLEUM HYDROCARBON

TRADE SECRET Yes No 204

If Subject to EPCRA, refer to instructions

COMMON NAME

CRANKCASE OIL 10-40

EHS* Yes No 206

CAS # **8012-95-1**

*If EHS is "Yes", all amounts below must be in lbs. 209

FIRE CODE HAZARD CLASS

Combustible Liquid

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 207

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 209

LARGEST CONTAINER **48 QTS** 215

FEDERAL HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

REGULAR DAILY AMOUNT **6 gal** 217

MAXIMUM STORAGE AMOUNT **12 gal** 218

ANNUAL WASTE AMOUNT **80gal** 219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS, amount must be in pounds.

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

- a. ABOVEGROUND TANK
- b. UNDERGROUND TANK
- c. TANK INSIDE BUILDING
- d. STEEL DRUM
- e. PLASTIC/NONMETALLIC DRUM
- f. CAN
- g. CARBOY
- h. SILO
- i. FIBER DRUM
- j. BAG
- k. BOX
- l. CYLINDER
- m. GLASS BOTTLE
- n. PLASTIC BOTTLE
- o. TOTE BIN
- p. TANK WAGON
- q. RAIL CAR
- r. OTHER

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixtures or waste only)	EHS	CAS #
1 226		<input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2 230		<input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

246

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

ADD DELETE REVISE 200

Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) **SAN MATEO COUNTY PUBLIC WORKS**

CHEMICAL LOCATION **752 CHESTNUT STREET, REDWOOD CITY, CA 94063** 201
Oil Room CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID # **CA 1982 017683** MAP # (optional) 202 GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME **PETROLEUM HYDROCARBON** 204 TRADE SECRET Yes No 205

COMMON NAME **CRANKCASE OIL 10-30** 207 If Subject to EPCRA, refer to instructions
CAS # 64742-65-0 209 BHS* Yes No 206

FIRE CODE HAZARD CLASS **Combustible Liquid** 210
*ICHHG as "Yes". All amounts below must be in lbs.

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 207 RADIOACTIVE Yes No 212 CURIES 208

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 209 LARGEST CONTAINER 48QTS 215

PHYSICAL HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

AVERAGE DAILY AMOUNT **6gal** 217 MAXIMUM STORAGE AMOUNT **12gal** 218 ANNUAL WASTE AMOUNT **80 gal** 219 STATE WASTE CODE 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221 DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply) a. ABOVEGROUND TANK b. UNDERGROUND TANK c. TANK INSIDE BUILDING d. STEEL DRUM e. PLASTIC/NONMETALLIC DRUM f. CAN g. CARBOY h. SILO i. FIBER DRUM j. BAG k. BOX l. CYLINDER m. GLASS BOTTLE n. PLASTIC BOTTLE o. TOTE BIN p. TANK WAGON 223

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226		<input type="checkbox"/> Yes <input type="checkbox"/> No 227	229
2 230		<input type="checkbox"/> Yes <input type="checkbox"/> No 231	233
3 234		<input type="checkbox"/> Yes <input type="checkbox"/> No 235	237
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 239	241
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 243	245

* Hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

DES Form 2731

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION 201
752 CHESTNUT STREET, REDWOOD CITY, CA 94063 *Oil Room*
CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID # **CA 982 017683** MAP # (optional) 202 GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME 204
PETROLEUM HYDROCARBON
TRADE SECRET Yes No 205
If Subject to EPCRA, refer to instructions

COMMON NAME 207
HYDRAULIC TRACTOR FLUID
EHS* Yes No 206

CAS # **8012-95-1** 209
**If EHS is "Yes", all amounts below must be in lbs.*

FIRE CODE HAZARD CLASS
Combustible Liquid 210

HAZARDOUS MATERIAL TYPE (Check one item only) 207
 a. PURE b. MIXTURE c. WASTE
RADIOACTIVE Yes No 212 CURIES 208

PHYSICAL STATE (Check one item only) 209
 a. SOLID b. LIQUID c. GAS
LARGEST CONTAINER **240 gal** 215

FEDERAL HAZARD CATEGORIES (Check all that apply) 210
 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

AGE DAILY AMOUNT **150 gal** 217 MAXIMUM STORAGE AMOUNT **240 gal** 218 ANNUAL WASTE AMOUNT **720 gal** 219 STATE WASTE CODE 220

UNITS* (Check one item only) 221
 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS
** If EHS, amount must be in pounds.* DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply) 223
 a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 e. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILCO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE 224
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE 225
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

HAZ	WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226		<input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2	230		<input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3	234		<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4	238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5	242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

V. Hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

DES Form 2731

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

Oil Room

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID# **CA 1982 017683**

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

PETROLEUM HYDROCARBON

204

TRADE SECRET Yes No 205

If Subject to EPCRA, refer to instructions

COMMON NAME

GEAR LUBRICANT 85-140

207

EHS* Yes No 206

CAS # **64742-62-7**

209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

Combustible Liquid

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

207

RADIOACTIVE Yes No

212

CURIES 208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS

209

LARGEST CONTAINER **240 gal**

120

215

HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

216

AGE DAILY AMOUNT **150 gal**

217

MAXIMUM STORAGE AMOUNT **240 gal**

218

ANNUAL WASTE AMOUNT **720 gal**

219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

DAYS ON SITE **365** 222

* If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM l. SIEVE h. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

226

227

Yes No 228

229

230

231

Yes No 232

233

234

235

Yes No 236

237

238

239

Yes No 240

241

242

243

Yes No 244

245

If hazardous components are present at greater than 1% by weight (if non-carcinogenic, or 0.1% by weight (if carcinogenic), attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

ADD DELETE REVISE 200

Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) SAN MATEO COUNTY PUBLIC WORKS			
CHEMICAL LOCATION 752 CHESTNUT STREET, REDWOOD CITY, CA 94063			201
			CHEMICAL LOCATION CONFIDENTIAL - EPCRA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 201
FACILITY ID#:	MAP # (optional)	GRID # (optional)	
C A 1 9 8 2 0 1 7 6 8 3			

Oil Room

II. CHEMICAL INFORMATION

CHEMICAL NAME PETROLEUM HYDROCARBON MIXTURE	204	TRADE SECRET <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 205
COMMON NAME TRANSMISSION OIL DEXTRON III	207	EHS* <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 206
CAS # VARIOUS		<small>*If EHS is "Yes", all amounts below must be in lbs.</small>

FIRE CODE HAZARD CLASS COMBUSTIBLE LIQUID	210
--	-----

HAZARDOUS MATERIAL TYPE (Check one item only) <input type="checkbox"/> a. PURE <input checked="" type="checkbox"/> b. MIXTURE <input type="checkbox"/> c. WASTE 207	RADIOACTIVE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 212	CURIES 208
--	---	-------------------

PHYSICAL STATE (Check one item only) <input type="checkbox"/> a. SOLID <input checked="" type="checkbox"/> b. LIQUID <input type="checkbox"/> c. GAS 209	LARGEST CONTAINER 75 gal 215
---	---

FED HAZARD CATEGORIES (Check all that apply) <input type="checkbox"/> a. FIRE <input type="checkbox"/> b. REACTIVE <input checked="" type="checkbox"/> c. PRESSURE RELEASE <input type="checkbox"/> d. ACUTE HEALTH <input type="checkbox"/> e. CHRONIC HEALTH 210

AVERAGE DAILY AMOUNT 50 gal 217	MAXIMUM STORAGE AMOUNT 75 gal 218	ANNUAL WASTE AMOUNT 300 gal 219	STATE WASTE CODE 220
---	---	---	-----------------------------

UNITS* (Check one item only) <input checked="" type="checkbox"/> a. GALLONS <input type="checkbox"/> b. CUBIC FEET <input type="checkbox"/> c. POUNDS <input type="checkbox"/> d. TONS 221	<small>* If EHS, amount must be in pounds.</small>	DAYS ON SITE 365 222
---	--	------------------------------------

STORAGE CONTAINER (Check all that apply) <input type="checkbox"/> a. ABOVEGROUND TANK <input type="checkbox"/> c. PLASTIC/NONMETALLIC DRUM <input type="checkbox"/> i. FIBER DRUM <input type="checkbox"/> m. GLASS BOTTLE <input type="checkbox"/> q. RAIL CAR <input type="checkbox"/> b. UNDERGROUND TANK <input type="checkbox"/> d. CAN <input type="checkbox"/> j. BAG <input type="checkbox"/> n. PLASTIC BOTTLE <input type="checkbox"/> r. OTHER <input checked="" type="checkbox"/> c. TANK INSIDE BUILDING <input type="checkbox"/> e. CARBOY <input type="checkbox"/> k. BOX <input type="checkbox"/> o. TOTE BIN <input type="checkbox"/> d. STEEL DRUM <input type="checkbox"/> h. SILO <input type="checkbox"/> l. CYLINDER <input type="checkbox"/> p. TANK WAGON	223
--	-----

STORAGE PRESSURE <input checked="" type="checkbox"/> a. AMBIENT <input type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT 224
--

STORAGE TEMPERATURE <input checked="" type="checkbox"/> a. AMBIENT <input type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT <input type="checkbox"/> d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS#
1 226		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	229
2 230		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

Form 2731

Page 1 of 1

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
SAN MATEO COUNTY PUBLIC WORKS 201

CHEMICAL LOCATION
752 CHESTNUT STREET, REDWOOD CITY, CA 94063 *Compressor Room* 201

FACILITY ID # **CA 982017683** MAP # (optional) 202 GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME 204 **ETHYLENE GLYCOL** TRADE SECRET Yes No 205
(If Subject to EPCRA, refer to instructions)

COMMON NAME 207 **ANTIFREEZE N230** EHS* Yes No 206

CAS # 209 **ANTIFREEZE N230** *If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS **210**
TOXIC LIQUID

HAZARDOUS MATERIAL TYPE (Check one item only) 207
 a. PURE b. MIXTURE c. WASTE

PHYSICAL STATE (Check one item only) 209
 a. SOLID b. LIQUID c. GAS

HAZARD CATEGORIES (Check all that apply) 210
 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT **148gal** 217 MAXIMUM STORAGE AMOUNT **150gal** 218 ANNUAL WASTE AMOUNT **300 gal** 219 STATE WASTE CODE 220

UNITS* (Check one item only) 221
 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS * If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply) 223
 a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE 224
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE 225
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 42%-47%	Ethylene Glycol	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	229
2 5%	Hydrated in organic acid, sodium salt	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	233
3 50%	Water	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 240	241
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

EHS Form 2731

ADD DELETE REVISE 200

Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No

201

FACILITY ID # **C A I 9 8 2 0 1 7 6 8 3**

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

204

TRADE SECRET Yes No

205

If Subject to EPCRA, refer to instructions

COMMON NAME

CALCO HDMO 30

207

EHS* Yes No

206

CAS # **64742547**

209

*If EHS is "Yes", all amounts below must be in lbs

FIRE CODE HAZARD CLASS

Combustible Liquid

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

207

RADIOACTIVE Yes No

212

CURIES

208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS

209

LARGEST CONTAINER

~~240 gal~~ **120 Gal.**

215

HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

210

AVERAGE DAILY AMOUNT

230 gal 75

217

MAXIMUM STORAGE AMOUNT

240 gal 120 Gal.

218

ANNUAL WASTE AMOUNT

1860 gal

219

STATE WASTE CODE

220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

DAYS ON SITE **365**

222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK e. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM f. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226		<input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2 230		<input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

246

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

Form 2731

Page 1 of 1

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

Shop Welding Area

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID #: **C A T 9 8 2 0 1 7 6 8 3**

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

INERT ELEMENT ARGON

204

TRADE SECRET Yes No 205

If Subject to EPCRA, refer to instructions

COMMON NAME

ARGON UN 1006

207

EHS* Yes No 206

CAS # **7440-27-1**

209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

INERT COMPRESSED GAS

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 207

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE (Check all that apply)

a. SOLID b. LIQUID c. GAS 209

LARGEST CONTAINER **336 CU FT.**
215

HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

AVERAGE DAILY AMOUNT **200 CU FT.**

217

MAXIMUM STORAGE AMOUNT **336 CU FT.**

218

ANNUAL WASTE AMOUNT

219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS, amount must be in pounds.

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON 223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 99.9% 229	Argon	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	229
2 230	Total nitrogen and oxygen less than 0.1%	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

246

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

DES Form 2731

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION
752 CHESTNUT STREET, REDWOOD CITY, CA 94063 *Oil Room*

FACILITY ID # **CA 1982 017683** MAP # (optional) GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME 204 TRADE SECRET Yes No 205
DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

COMMON NAME 207 EHS* Yes No 206
CALCO HDMO 15-40

CAS # **64742547** 209 *If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS
Combustible Liquid 210

HAZARDOUS MATERIAL TYPE (Check one item only) 207 RADIOACTIVE Yes No 212 CURIES 208
 a. PURE b. MIXTURE c. WASTE

PHYSICAL STATE (Check one item only) 209 LARGEST CONTAINER ~~25 gal~~ **240 Gal.** 215
 a. SOLID b. LIQUID c. GAS

HAZARD CATEGORIES (Check all that apply) 210
 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

RELEASE DAILY QUANTITY 217 MAXIMUM STORAGE AMOUNT 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220
60 gal 120 **25 gal 240** **300 gal**

UNITS* (Check one item only) 221 DAYS ON SITE 222
 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS * If EHS, amount must be in pounds. **365**

STORAGE CONTAINER (Check all that apply) 223
 a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK d. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING e. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM f. SILE l. CYLINDER p. TANK WAGON

STORAGE PRESSURE 224
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE 225
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixtures or waste only)	EHS	CAS #
1 226		227 <input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2 230		231 <input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3 234		235 <input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4 238		239 <input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		243 <input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Signatures for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

CERTIFIED UNIFIED PROGRAM AGENCY

455 COUNTY CENTER, 4TH FLOOR

REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

ES Form 2731

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

Shop Area

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID# **CA 1982 017683**

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

Petroleum Oil

TRADE SECRET Yes No 204

If Subject to EPCRA, refer to instructions

COMMON NAME

Used Oil

EHS* Yes No 206

CAS # **68649423**

207

* If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

Combustible Liquid

207

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 208

RADIOACTIVE Yes No 209

CURIES 210

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 211

LARGEST CONTAINER **240 gal** 212

FEASIBLE HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 213

STORAGE DAILY AMOUNT **230 gal** 217

MAXIMUM STORAGE AMOUNT **465 gal** 218

ANNUAL WASTE AMOUNT **1860 gal** 219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS, amount must be in pounds.

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK-WAGON 223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

QTY	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #	
1	226	227	<input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2	230	231	<input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3	234	235	<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4	238	239	<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5	242	243	<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If hazardous components are present at greater than 1% by weight (if non-carcinogenic, or 0.1% by weight (if carcinogenic), attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

S Form 2731

Page 3 of 25

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION 201
752 CHESTNUT STREET, REDWOOD CA 94063
 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201
Shop Area

FACILITY ID # **C A 9 8 2 0 1 7 6 8 3** MAP # (optional) 202 GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME **Petroleum Oil** 202 TRADE SECRET Yes No 203
 If Subject to EPCRA, refer to instructions

COMMON NAME **Used Oil** 204 EHS* Yes No 205

CAS# 206 *If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS **Combustible Liquid** 207

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 208 RADIOACTIVE Yes No 209 CURIES 210

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 211 LARGEST CONTAINER **75 gal** 212

HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 213

AVERAGE DAILY AMOUNT **65 gal** 217 MAXIMUM STORAGE AMOUNT **75 gal** 218 ANNUAL WASTE AMOUNT **300 gal** 219 STATE WASTE CODE 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221 DAYS ON SITE **365** 222
 * If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply) a. ABOVEGROUND TANK b. UNDERGROUND TANK c. TANK INSIDE BUILDING d. STEEL DRUM e. PLASTIC/NONMETALLIC DRUM f. CAN g. CARBOY h. SILO i. FIBER DRUM j. BAG k. BOX l. CYLINDER m. GLASS BOTTLE n. PLASTIC BOTTLE o. TOTE BIN p. TANK WAGON q. RAIL CAR r. OTHER 223

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226		<input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2 230		<input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

1) more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

IS Form 2731

Page 3 of 25

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION 201 **CHEMICAL LOCATION CONFIDENTIAL - EPCRA** Yes No 201
752 CHESTNUT STREET, REDWOOD CA 94063 *Shop Area*

FACILITY ID # **MAP # (optional)** 202 **GRID # (optional)** 203

C	A	9	8	2	0	1	7	6	8	3
---	---	---	---	---	---	---	---	---	---	---

II. CHEMICAL INFORMATION

CHEMICAL NAME **Petroleum Oil** 202 **TRADE SECRET** Yes No 203
If Subject to EPCRA, refer to instructions

COMMON NAME **Used Oil** 204 **EHS*** Yes No 205

CAS# 206 *REFER to "Yes" all amounts below must be in lbs.

FIRE CODE HAZARD CLASS **Combustible Liquid** 207

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 208 **RADIOACTIVE** Yes No 209 **CURIES** 210

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 211 **LARGEST CONTAINER** **75 gal** 212

HAZARD CATEGORIES (if all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 213

AVERAGE DAILY AMOUNT **65 gal** 217 **MAXIMUM STORAGE AMOUNT** **75 gal** 218 **ANNUAL WASTE AMOUNT** **300 gal** 219 **STATE WASTE CODE** 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221 * If EHS, amount must be in pounds. **DAYS ON SITE** **365** 222

STORAGE CONTAINER (Check all that apply) a. ABOVEGROUND TANK PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR 223
 b. UNDERGROUND TANK CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

QTY	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226	227 <input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2	230	231 <input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3	234	235 <input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4	238	239 <input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
	242	243 <input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

When hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

EMERGENCY RESPONSE PLAN

1. Provide a list of all onsite emergency response equipment designated for a hazardous material and/or waste or UST emergency response (e.g., fire extinguishers, fire suppression systems, spill control equipment, shut-off switches, personal protective equipment, decontamination equipment, and communication and alarm systems.

<u>EQUIPMENT TYPE</u>	<u>LOCATION</u>	<u>CAPABILITY</u>
Fire extinguishers	See Site Map	Sufficient for Emergencies
Emergency Shut-Off Switches	See Site Map	Sufficient for Emergencies
Absorbent Materials & Rags	See Site Map	Sufficient for Emergencies
Shower & Eye Wash Stations	See Site Map	Sufficient for Emergencies

2. Describe emergency arrangements with local fire departments, police departments, hospitals, contractors, and other state and local emergency response agencies.

Workforce Medical (650) 556-9420, for Clinical Emergencies
 Sequoia Hospital Emergency Room (650) 369-5811 OR
 Nearest Hospital (Kaiser, (650) 299-2200

3. The definition of a release or threatened release includes incidents that pose a present or potential hazard to human health and safety, property or the environment. In the event of a hazardous material and/or waste release or threatened release, state law requires immediate verbal notification to the agencies listed below once any necessary emergency response procedures are initiated.

- a. Local Fire Department
- b. County Environmental Health
- c. State Office of Emergency Services (OES)

Provide phone numbers other than 9-1-1 for the following:

Local Fire Department	Redwood City Fire (650) 780-7400
Local Police Department	Redwood City Police (650) 780-7100
Nearest Hospital	Kaiser Hospital (650) 299-2200
County Environmental Health	<u>(650) 363-4305 372-6200</u>
State Office of Emergency Services	<u>(800) 852-7550 or (916) 845-8911</u>

4. Describe notification procedures for onsite emergency response personnel and outside agencies (e.g., Fire, Health, Police, State OES) needed during emergency incidents requiring assistance beyond facility capabilities.

**VERBAL NOTIFICATION TO EMPLOYEES TO EVACUATE IF NECESSARY.
DAIL 9-1-1 TO REQUEST EMERGENCY ASSISTANCE.**

5. Describe any security system or device that could impede site access by emergency responders.

GATES, DOORS, LOCKS.

6. Describe procedures for notification and evacuation of visitors and employees during an emergency involving a hazardous material and/or waste. Primary and alternate evacuation routes and assembly areas must be clearly identified on the site map.

**VERBAL NOTIFICATION TO ALL EMPLOYEE STATIONS.
SEE ATTACHED SITE MAP.**

7. Describe mitigation procedures to be implemented by onsite personnel in the event of a release, threatened release, fire or explosion involving a hazardous material and/or waste. Indicate if the business has an onsite emergency response team (ERT) and if so, describe how the ERT will interact with outside emergency response agencies if additional assistance is required.

**SITE DOES NOT HAVE AN ON-SITE ERT, BUT EMPLOYEES ARE TRAINED TO WIPE
AND SWEEP MINOR SPILLS OF WASTE AND MATERIALS.**

8. Describe procedures for immediate inspection, isolation, and shutdown of mechanical or other systems that may be involved in a release or threatened release.

FUEL EMERGENCY SHUT-OFF SWITCHES FOR USTS AND PROPANE TANK.

EMPLOYEE TRAINING PLAN

All employees must receive training in how to respond to a hazardous material and/or waste emergency. Training may be tailored to each job classification since certain employees may not work with or around chemical products. New hires must receive initial training and existing employees must receive annual "refresher" training.

1. Describe employee training as it pertains to the following:
 - a. Safe handling or management of a hazardous material and/or waste
 - b. Notification and evacuation of onsite personnel
 - c. Notification of local emergency responders and other agencies
 - d. Use of emergency response equipment

- e. Implementation of emergency response procedures
- f. UST monitoring and release response procedures

UPON EMPLOYMENT, ALL EMPLOYEES MUST REVIEW SAFETY MATERIALS FOLDER WHICH CONTAINS MSDS, IIPP AND OTHER SAFETY RELATED MATERIALS. ANNUAL REFRESHER TRAINING IS REQUIRED OR WHEN NEW MATERIALS ARE INTRODUCED TO THE WORKPLACE.

- 2. Describe procedures for documenting employee training activities.

TRAINING IS DOCUMENTED BY EMPLOYEES SIGNING NAME AND DATE TO AUTHORIZE ACTUAL ATTENDANCE AT TRAINING.

CLOSURE PLAN

Contact San Mateo County Environmental Health if the business is closing or relocating. Failure to comply with appropriate closure requirements may lead to significant civil and criminal penalties.

- 1. Describe procedures that will be implemented in the event of a full or partial facility closure. Include procedures for agency notification, hazardous materials removal, hazardous waste disposal, site and equipment decontamination, UST removal or change of ownership.

SUPERVISOR WILL NOTIFY SAN MATEO COUNTY ENVIRONMENTAL HEALTH FOR CURRENT GUIDELINES PRIOR TO CLOSURE OF RELOCATION.

Department of Public Works

BOARD OF SUPERVISORS
MARK CHURCH
RICHARD S. GORDON
JERRY HILL
ROSE JACOBS GIBSON
ADRIENNE TISSIER

NEIL R. CULLEN
DIRECTOR



COUNTY OF SAN MATEO

555 COUNTY CENTER, 5TH FLOOR • REDWOOD CITY • CALIFORNIA 94063-1865 • PHONE (650) 363-4100 • FAX (650) 361-8220

FACSIMILE TRANSMITTAL

San Mateo County Public Works - MAINTENANCE DIVISION

Grant Corporation Yard
752 Chestnut Street, Redwood City, CA 94063
FAX Telephone Number: (650) 366-7238

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
MAY 15 2006
RECEIVED

TO: LINDSEY GIRE

DATE: 5/12/06

FIRM: ENV. HEALTH

FAX #: 366-7882

FROM: TONY HARWOOD

WE ARE TRANSMITTING 2) PAGE(S) INCLUDING THIS COVER SHEET. PLEASE CONTACT SENDER AT (650) 363-4103 REGARDING MISSING PAGES OR UNREADABLE COPY.

These are transmitted:

For your use. Returned for Corrections. Others.

For signature and return. As requested.

Hard copy to follow: Yes No

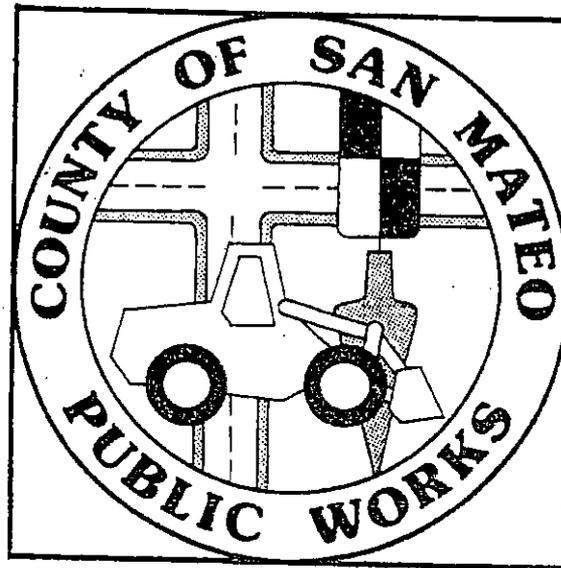
COMMENTS: Let me know if there's anything else I can do
Have a great weekend! TONY

(Updated Bus. owner/operator page attached) Thank you.

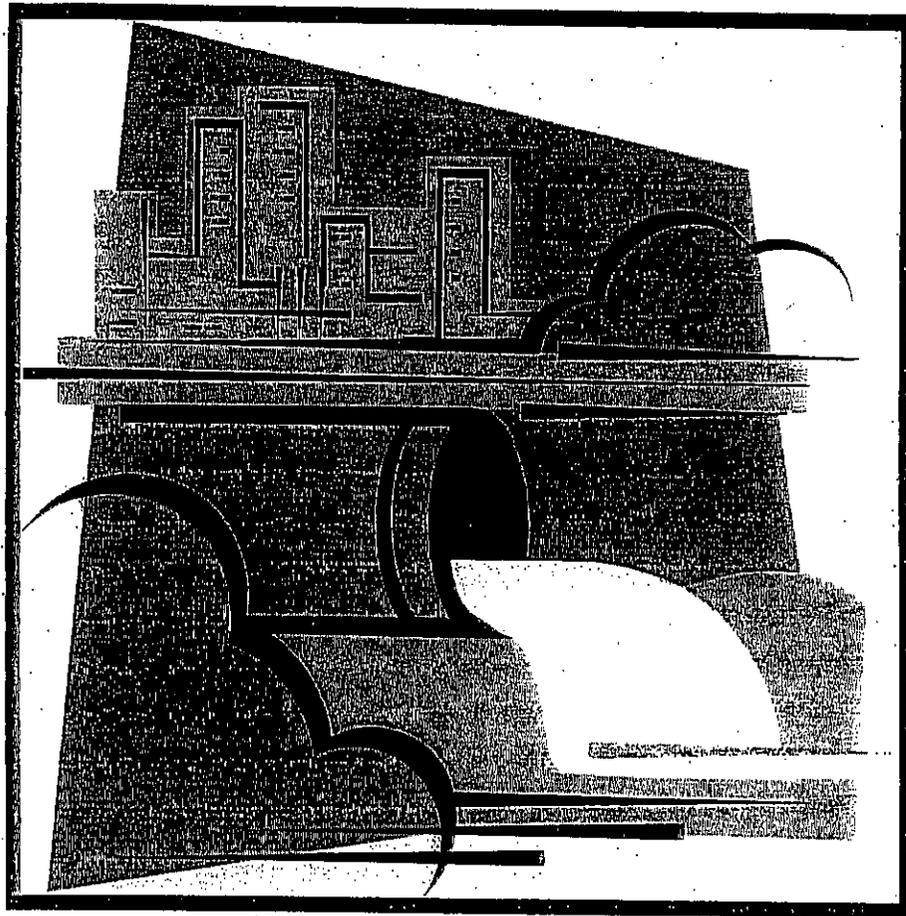
DEPARTMENT
OF
PUBLIC WORKS

HAZARDOUS MATERIALS
BUSINESS PLAN

GRANT
CORPORATION YARD
VEHICLES & EQUIPMENT



HAZARDOUS MATERIALS BUSINESS PLAN



ENVIRONMENTAL HEALTH
SAN MATEO COUNTY



Protecting Our Health and Environment

San Mateo County Environmental Health Services Division
455 County Center, 4th Floor
Redwood City, CA 94063
Telephone: (650) 363-4305

BUSINESS ACTIVITIES

MAY 27 2005

RECEIVED 1 of 1

I. FACILITY IDENTIFICATION

FACILITY ID #	EPA ID # (Hazardous Waste Only)
	CAD 982017683
BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As)	

II. ACTIVITIES DECLARATION

NOTE: If you answer YES to any part of this form, submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF.	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs)? See instructions for additional reporting criteria.	Circle Yes or No YES NO 4	HAZARDOUS MATERIALS INVENTORY CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks? 2. Intend to upgrade existing or install new USTs? 3. Need to report closing a UST?	YES NO 5 YES NO 6 YES NO 7	UST FACILITY (Formerly SWRCB Form A) UST TANK (one per tank) (Formerly Form B) UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one per tank)(Formerly Form C) UST TANK (closure portion—one per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: —single tank capacity is greater than 660 gallons, or —total capacity for multiple tanks is greater than 1,320 gallons?	YES NO 8	NO FORM REQUIRED BY CLUPA
D. HAZARDOUS WASTE 1. Generate hazardous waste? 2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC Section 25143.2)? 3. Treat hazardous waste on site? 4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)? 5. Consolidate hazardous waste generated at a remote site? 6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	YES NO 9 YES NO 10 YES NO 11 YES NO 12 YES NO 13 YES NO 14	EPA ID NUMBER—provide at the top of this page RECYCLABLE MATERIALS REPORT (one per recycler) ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Form 1772) ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one per unit) (Formerly DTSC Forms 1772 A,B,C,D, and L) CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232) REMOTE WASTE/CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1195) HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS

Pursuant to the California Health and Safety Code Division 20, Chapter 6.95, Section 25506, this agency must obtain consent from the business owner/operator or designated business representative in order to release chemical location information to the public. This includes, but is not limited to, chemical locations provided in the chemical description section and site maps. Please circle "Yes" or "No" to indicate whether or not this information can be released to the public and sign/print your name on the line below.

Consent: Yes No

Signature/Printed Name:

Robert Radcliffe

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
455 COUNTY CENTER, 4th FLOOR
REDWOOD CITY, CA 94063

BUSINESS OWNER/OPERATOR IDENTIFICATION

OES Form 2730

Page ___ of ___

I. IDENTIFICATION

FACILITY ID #		BEGINNING DATE 04/06/05	100	ENDING DATE 04/06/06	101
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) GRANT CORPORATION YARD,				BUSINESS PHONE (650) 363-4103	
BUSINESS SITE ADDRESS 752 CHESTNUT ST.					
CITY REDWOOD CITY	104	CA	ZIP CODE 94063	105	
DUN & BRADSTREET	106	SIC CODE (4 digit #)		107	
COUNTY SAN MATEO COUNTY					
BUSINESS OPERATOR NAME TSUTOMU IMAMURA				BUSINESS OPERATOR PHONE (650) 363-4149	

II. BUSINESS OWNER

OWNER NAME COUNTY OF SAN MATEO, DEPT. OF PUBLIC WORKS	111	OWNER PHONE (650) 363-4100	112
OWNER MAILING ADDRESS 555 COUNTY CENTER, 5th FLOOR			
CITY REDWOOD CITY	114	STATE CA	115
		ZIP CODE 94063	116

III. ENVIRONMENTAL CONTACT

CONTACT NAME LINDSAY GIPE REHS	117	CONTACT PHONE (650) 363-4730	118
CONTACT MAILING ADDRESS 455 COUNTY CENTER			
CITY REDWOOD CITY	120	STATE CA	121
		ZIP CODE 94063	122

-PRIMARY-

IV. EMERGENCY CONTACTS

-SECONDARY-

NAME TSUTOMU IMAMURA	123	NAME CHRIS PORTER	128
TITLE ROAD MAINTENANCE MANAGER	124	TITLE ROAD MAINTENANCE MANAGER	129
BUSINESS PHONE (650) 363-4149	125	BUSINESS PHONE (650) 599-7281	130
24-HOUR PHONE (650) 363-4000	126	24-HOUR PHONE (650) 363-4000	131
PAGER #	127	PAGER #	132

ADDITIONAL LOCALLY COLLECTED INFORMATION: See Hazardous Materials Business Plan

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	NAME OF DOCUMENT PREPARER
NAME OF SIGNER (print) ROBERT R. RADCLIFFE	136	TITLE OF SIGNER VEHICLE & EQUIPMENT SERVICES MANAGER
		137

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

<u>ADD</u>		<u>DELETE</u>		<u>X</u> REVISE		200		Page <u> </u> of <u> </u>		
I. FACILITY INFORMATION										
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3										
GRANT CORPORATION YARD										
CHEMICAL LOCATION 201						CHEMICAL LOCATION CONFIDENTIAL - EPCRA <u>Yes</u> <u>X</u> No 202				
COVERED STORAGE AREA "A"										
FACILITY ID #		MAP # (optional) 203			GRID # (optional) 5-B 204					
II. CHEMICAL INFORMATION										
CHEMICAL NAME 205						TRADE SECRET <u>Yes</u> <u>X</u> No 206				
IF Subject to EPCRA, refer to inversions										
COMMON NAME LATEX BASED PAINT 207						EHS* <u>Yes</u> <u>X</u> No 208				
CAS # MIXTURE 209						*IFHS is "Yes"; all amounts below must be in lbs.				
FIRE CODE HAZARD CLASS 210										
OTHER REGULATED MATERIAL										
HAZARDOUS MATERIAL TYPE (Check one item only)		<u>X</u> a. PURE <u> </u> b. MIXTURE <u> </u> c. WASTE 211		RADIOACTIVE <u>Yes</u> <u>X</u> No 212		CLONES 213				
PHYSICAL STATE (Check one item only)		<u> </u> a. SOLID <u>X</u> b. LIQUID <u> </u> c. GAS 214		LARGEST CONTAINER 55 GAL. 215						
FED HAZARD CATEGORIES (Check all that apply)		<u> </u> a. FIRE <u> </u> b. REACTIVE <u> </u> c. PRESSURE RELEASE <u> </u>		<u>X</u> d. ACUTE HEALTH <u> </u> e. CHRONIC HEALTH 216						
AVERAGE DAILY AMOUNT 1,000 GAL. 217		MAXIMUM STORAGE AMOUNT 2,000 GAL. 218		ANNUAL WASTE AMOUNT 219		STATE WASTE CODE 220				
UNITS* (Check one item only)		<u>X</u> a. GALLONS <u> </u> b. CUBIC FEET <u> </u> c. POUNDS <u> </u> d. TONS 221		* IFHS, amount must be in pounds.		DAYS ON SITE 365 222				
STORAGE CONTAINER (Check all that apply)		<u> </u> a. ABOVEGROUND TANK <u> </u> b. UNDERGROUND TANK <u> </u> c. TANK INSIDE BUILDING <u> </u> <u>X</u> d. STEEL DRUM		<u> </u> e. PLASTIC/NONMETALLIC DRUM <u> </u> f. CAN <u> </u> g. CARBOY <u> </u> h. SLD		<u> </u> i. FIBER DRUM <u> </u> j. BAG <u> </u> k. BOX <u> </u> l. CYLINDER		<u> </u> m. GLASS BOTTLE <u> </u> n. PLASTIC BOTTLE <u> </u> o. TOTE BIN <u> </u> p. TANK WAGON		<u> </u> q. RAIL CAR <u> </u> r. OTHER 223
STORAGE PRESSURE		<u>X</u> a. AMBIENT <u> </u> b. ABOVE AMBIENT <u> </u> c. BELOW AMBIENT 224								
STORAGE TEMPERATURE		<u>X</u> a. AMBIENT <u> </u> b. ABOVE AMBIENT <u> </u> c. BELOW AMBIENT <u> </u> d. CRYOGENIC 225								
%WT	HAZARDOUS COMPONENT (For mixture or waste only)					EHS		CAS#		
1	226	METHYL ALCOHOL 227					<u> </u> Yes <u>X</u> No 228		67-56-1 229	
2	230						<u> </u> Yes <u> </u> No 232			
3	234						<u> </u> Yes <u> </u> No 236			
4	238						<u> </u> Yes <u> </u> No 240			
5	242						<u> </u> Yes <u> </u> No 244			

If other hazardous components are present in greater than 1% by weight (if non-carcinogenic), or 0.1% by weight (if carcinogenic), attach additional sheets of paper indicating the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3

GRANT CORPORATION YARD

CHEMICAL LOCATION 201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

COVERED STORAGE AREA "A"

FACILITY ID # 203 MAP # (optional) 204 GRID # (optional) 205

5-E

II. CHEMICAL INFORMATION

CHEMICAL NAME 206 TRADE SECRET Yes No 207

IF Subject to EPCRA, refer to location:

COMMON NAME 208 EHS* Yes No 209

PROPANE GAS

CAS # 210 *If EHS is "Yes", all amounts below must be in lbs.

74-98-6

FIRE CODE HAZARD CLASS 211

FLAMMABLE LIQUID

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 212 RADIOACTIVE Yes No 213 CLUSTERS 214

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 215 LARGEST CONTAINER 216

90 GAL.

FED HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 217

AVERAGE DAILY AMOUNT 218 MAXIMUM STORAGE AMOUNT 219 ANNUAL WASTE AMOUNT 220 STATE WASTE CODE 221

200 GAL.

350 GAL.

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 222 DAYS ON SITE 223

* If EHS, amount must be in pounds.

365

STORAGE CONTAINER (Check all that apply) a. ABOVEGROUND TANK b. UNDERGROUND TANK c. TANK INSIDE BUILDING d. STEEL DRUM e. PLASTIC/NONMETALLIC DRUM f. CAN g. CARBOY h. SILO i. FIBER DRUM j. BAG k. BOX l. CYLINDER m. GLASS BOTTLE n. PLASTIC BOTTLE o. TOTE BIN p. TANK WAGON q. RAIL CAR r. OTHER 224

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 225

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 226

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
100%	PROPANE	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	74-98-6
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
 CERTIFIED UNIFIED PROGRAM AGENCY
 455 COUNTY CENTER, 4TH FLOOR
 REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

GRANT CORPORATION YARD

CHEMICAL LOCATION

201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No

202

COVERED STORAGE AREA "A"

FACILITY ID #

MAP # (optional)

203

GRID # (optional)

204

II. CHEMICAL INFORMATION

CHEMICAL NAME

205

TRADE SECRET Yes No

206

IF Subject to EPCRA, enter in instructions

COMMON NAME

SOLVENT-BASE PAINT

207

EHP* Yes No

208

CAS #

MIXTURE

209

*EHPB is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

FLAMMABLE LIQUID

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

211

RADIOACTIVE Yes No

212

CURIES

213

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS

214

LARGEST CONTAINER

55 GAL.

215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

160 GAL.

217

MAXIMUM STORAGE AMOUNT

160 GAL.

218

ANNUAL WASTE AMOUNT

219

STATE WASTE CODE

220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

* IF EHPB, amount must be in pounds.

DAYS ON SITE

365

222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE o. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE p. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SLD l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

1	226	LT ALIPHATIC NAPHTHA	227	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 221	64742-89-8	229
2	230	TRICHLOROETHANE, 1-1-1	231	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	71-55-6	233
3	234	DIOXANE	235	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	123-91-1	237
4	238	TOLUENE	239	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 240	108-88-3	241
5	242	CHLORINATED PARAFFIN	243	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 244	63449-39-8	245

If more than one component is present in greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

246

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) **GRANT CORPORATION YARD** 201

CHEMICAL LOCATION **COVERED HERBICIDE/PESTICIDE STORAGE AREA "B"** 201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

FACILITY ID # MAP # (optional) **1** 203 GRID # (optional) **5-D** 204

II. CHEMICAL INFORMATION

CHEMICAL NAME **NA FORMULATED PRODUCT** 205 TRADE SECRET Yes No 206

COMMON NAME **ROUNDUP HERBICIDE** 207 EHS* Yes No 208

CAS # **NA** 209 *If EHS is "Yes" all amounts below must be in lbs. 209

FIRE CODE HAZARD CLASS 210

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 211 RADIOACTIVE Yes No 212 CURIES 213

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 214 LARGEST CONTAINER **125 GAL.** 215

FED HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT **45** 217 MAXIMUM STORAGE AMOUNT **45** 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS * If EHS, amount must be in pounds. 221 DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply) a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR 223

b. UNDERGROUND TANK l. CAN j. BAG n. PLASTIC BOTTLE r. OTHER

e. TANK INSIDE BUILDING g. CARBOY k. BOX d. TOTE BIN

d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixtures or waste only)	EHS	CAS #
1 41%	226 GLYPHOSATE (SALT)	227 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	228 1071-83-6
2	230	231 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	232
3	234	233 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	236
4	238	239 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	240
5	242	243 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	244

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

GRANT CORPORATION YARD

201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

CHEMICAL LOCATION

COVERED HERBICIDE/PESTICIDE STORAGE AREA "B"

203

GRID # (optional)

5-D

204

FACILITY ID #

II. CHEMICAL INFORMATION

CHEMICAL NAME

NA FORMULATED PRODUCT

205 TRADE SECRET Yes No 206

IF Subject to EPCRA, refer to instructions

COMMON NAME

GARLON* HERBICIDE

207 EHS* Yes No 208

CAS #

NA

209 *If EHS is "Yes" all amounts below must be in lbs. 210

FIRE CODE HAZARD CLASS

COMBUSTIBLE LIQUID

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

211

RADIOACTIVE

 Yes No

212 CURIES

213

PHYSICAL STATE (Check one item only)

 a. SOLID b. LIQUID c. GAS

214

LARGEST CONTAINER

30 GAL.

215

FED HAZARD CATEGORIES (Check all that apply)

 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

217

MAXIMUM STORAGE AMOUNT

218

ANNUAL WASTE AMOUNT

STATE WASTE CODE

220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

DAYS ON SITE

365

222

STORAGE CONTAINER (Check all that apply)

 a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

61%

226

TRICLOPYR ACETIC ACID, BUTOXY ETHYL ESTER

227

 Yes No 228

064700-56-7

229

38.4%

230

INERT INGREDIENTS

231

 Yes No 232

008008-20-6

233

3

234

235

 Yes No 236

237

4

238

239

 Yes No 240

241

5

242

243

 Yes No 244

245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

246

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
 CERTIFIED UNIFIED PROGRAM AGENCY
 455 COUNTY CENTER, 4TH FLOOR
 REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 201

GRANT CORPORATION YARD

CHEMICAL LOCATION 202 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No

COVERED HERBICIDE/PESTICIDE STORAGE AREA "b"

FACILITY ID # 203 MAP # (optional) **1** GRID # (optional) **5-D** 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET Yes No 206

CHLORONICOTINYL

If Subject to EPCRA, refer to instructions

COMMON NAME 207 EHS* Yes No 208

MERIT 75 WSP INSECTICIDE

CAS # 209 *If EHS is "Yes", all amounts below must be in lbs.

NA

FIRE CODE HAZARD CLASS 210

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 211 RADIOACTIVE Yes No 212 CURIES 213

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 214 LARGEST CONTAINER **96 OZ. BOX** 215

FED HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217 MAXIMUM STORAGE AMOUNT 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNITS* a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221 DAYS ON SITE **365** 222
 (*Check one item only) * If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply) a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR 223
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 75%	226 IMIDACLPRID	227 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	229 138260-41-3
2 10-20%	230 INGREDIENT 1611	231 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	233 NA
3 1-5%	234 INGREDIENT 1968	235 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237 NA
4	238	239 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 240	241
5	242	243 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight (if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 COUNTY CENTER, 4TH FLOOR
REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

GRANT CORPORATION YARD/ROADS

201

CHEMICAL LOCATION Yes X No 202
 CONFIDENTIAL - EPCRA

752 CHESTNUT ST. REDWOOD CITY, CA 94063

FACILITY ID# **CA 982017683**

MAP # (optional) 203

GRID # (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME

ANIONIC EMULSION

205 TRADE SECRET Yes X No 206

If Subject to EPCRA, refer to instructions

COMMON NAME

SS-1 & SS-1H

207 EHS* Yes X No 208

CAS# **8052424**

209 *If EHS is "Yes" all amounts below must be in lbs. 210

FIRE CODE HAZARD CLASS

HAZARDOUS MATERIAL TYPE (Check one item only)

 a. PURE X b. MIXTURE c. WASTE 211

RADIOACTIVE Yes X No 212

CURIES 213

PHYSICAL STATE (Check one item only)

 a. SOLID X b. LIQUID c. GAS 214

LARGEST CONTAINER

55 GAL. 215

FED HAZARD CATEGORIES (Check all that apply)

 a. FIRE X b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT **75 GAL.** 217

MAXIMUM STORAGE AMOUNT **330 GAL.** 218

ANNUAL WASTE AMOUNT **990** 219

STATE WASTE CODE 220

UNITS* (Check one item only)

X a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

 n. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR 223
 l. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 o. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
X d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE

X a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

X a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

1 226 **PETROLEUM ASPHALT (not more than 70%)** 227 Yes No 228 229

2 230 Yes No 232 233

3 234 Yes No 236 237

4 238 Yes No 240 241

5 242 Yes No 244 245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information. 240

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
 CERTIFIED UNIFIED PROGRAM AGENCY
 455 COUNTY CENTER, 4TH FLOOR
 REDWOOD CITY, CA 94063

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Using Business As)

GRANT CORPORATION YARD/ROADS

CHEMICAL LOCATION

201

CHEMICAL LOCATION
CONFIDENTIAL - EPCRA

Yes No

202

752 CHESTNUT ST., REDWOOD CITY, CA. 94063

FACILITY ID #

1 C I A 9 8 2 0 1 7 6 8 3

MAP # (optional)

203

GRID # (optional)

204

II. CHEMICAL INFORMATION

CHEMICAL NAME

SODIUM HYDROXIDE

205

TRADE SECRET

Yes No

206

IF Subject to EPCRA, refer to instructions

COMMON NAME

CAUSTIC SODA SOLUTION

207

EHS*

Yes No

208

CAS #

001310-73-2

209

*IF EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

210

HAZARDOUS MATERIAL
TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

211

RADIOACTIVE

Yes No

212

CURIES

213

PHYSICAL STATE
(Check one item only)

a. SOLID b. LIQUID c. GAS

214

LARGEST CONTAINER

55 GAL.

215

FED HAZARD CATEGORIES
(Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

216

AVERAGE DAILY
AMOUNT

55 GAL.

217

MAXIMUM STORAGE
AMOUNT

55 GAL.

218

ANNUAL WASTE
AMOUNT

110 GAL.

219

STATE WASTE
CODE

220

UNITS*

(Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

* IF EHS, amount must be in pounds.

221

DAYS ON
SITE

365

222

STORAGE CONTAINER
(Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
226	SODIUM HYDROXIDE NaOH 48.5-50.5%	227	229
230		231	233
234		235	237
238		239	241
242		243	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

246

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Sign Here for EPCRA:

HAZARDOUS MATERIALS BUSINESS PLAN ADDENDUM

BUSINESS NAME: Grant Corporation Yard, Roads

BUSINESS ADDRESS: 752 Chestnut Street, Redwood City, CA

In addition to the general business, chemical inventory and site map information, the San Mateo County Environmental Health Division (Division) requires completion of the following sections pertaining to spill prevention, emergency response, employee training and site closure. This addendum contains specific elements pertaining to the hazardous materials business plan, the hazardous waste contingency plan, stormwater pollution prevention, underground storage tank (UST) monitoring and unauthorized release response requirements.

SPILL PREVENTION PLAN

1. Describe how hazardous materials and/or wastes are handled, stored and monitored to prevent or minimize a spill or release from occurring (e.g., secondary containment, separation of incompatibles, daily visual monitoring).

Products are kept in closed containers and inspected daily for leaks and spillage. Whenever possible containers are double contained to reduce spill potential.

2. Describe operations, activities and/or storage locations where a release is most likely to occur that could significantly impact sensitive receptor sites.

Fuel dispensing island, where operators are potentially capable of causing inadvertent spills

3. Describe the Best Management Practices (BMPs) you use to reduce or eliminate illicit discharges of pollutants to the storm sewer system.

A – Double containment wherever necessary.

B – Spill containment area outside maintenance shop to control runoff into storm drain system.

C – Absorbent material and rags are located near potential spill areas.

4. Describe underground storage tank and/or aboveground storage tank monitoring procedures used to prevent an unauthorized release from occurring.

A – Daily sticking to monitor leaks.

B – Annual full system test on USTs.

C – Monthly SIRS.

EMERGENCY RESPONSE PLAN

1. Provide a list of all onsite emergency response equipment designated for a hazardous material and/or waste or UST emergency response (e.g., fire extinguishers, fire suppression systems, spill control equipment, shut-off switches, personal protective equipment, decontamination equipment, and communication and alarm systems.

<u>EQUIPMENT TYPE</u>	<u>LOCATION</u>	<u>CAPABILITY</u>
Fire extinguishers	See Site Map	Sufficient for Emergencies
Emergency Shut-Off Switches	See Site Map	Sufficient for Emergencies
Absorbent Materials & Rags	See Site Map	Sufficient for Emergencies
Shower & Eye Wash Stations	See Site Map	Sufficient for Emergencies

2. Describe emergency arrangements with local fire departments, police departments, hospitals, contractors, and other state and local emergency response agencies.

Workforce Medical (650) 556-9420, for Clinical Emergencies
Sequoia Hospital Emergency Room (650) 369-5811 OR
Nearest Hospital (Kaiser, (650) 299-2200

3. The definition of a release or threatened release includes incidents that pose a present or potential hazard to human health and safety, property or the environment. In the event of a hazardous material and/or waste release or threatened release, state law requires immediate verbal notification to the agencies listed below once any necessary emergency response procedures are initiated.
 - a. Local Fire Department
 - b. County Environmental Health
 - c. State Office of Emergency Services (OES)

Provide phone numbers other than 9-1-1 for the following:

Local Fire Department	Redwood City Fire (650) 780-7400
Local Police Department	Redwood City Police (650) 780-7100
Nearest Hospital	Kaiser Hospital (650) 299-2200
County Environmental Health	<u>(650)363-4305</u>
State Office of Emergency Services	<u>(800) 852-7550 or (916) 845-8911</u>

4. Describe notification procedures for onsite emergency response personnel and outside agencies (e.g., Fire, Health, Police, State OES) needed during emergency incidents requiring assistance beyond facility capabilities.

**VERBAL NOTIFICATION TO EMPLOYEES TO EVACUATE IF NECESSARY.
DAIL 9-1-1 TO REQUEST EMERGENCY ASSISTANCE.**

5. Describe any security system or device that could impede site access by emergency responders.

GATES, DOORS, LOCKS.

6. Describe procedures for notification and evacuation of visitors and employees during an emergency involving a hazardous material and/or waste. Primary and alternate evacuation routes and assembly areas must be clearly identified on the site map.

**VERBAL NOTIFICATION TO ALL EMPLOYEE STATIONS.
SEE ATTACHED SITE MAP.**

7. Describe mitigation procedures to be implemented by onsite personnel in the event of a release, threatened release, fire or explosion involving a hazardous material and/or waste. Indicate if the business has an onsite emergency response team (ERT) and if so, describe how the ERT will interact with outside emergency response agencies if additional assistance is required.

**SITE DOES NOT HAVE AN ON-SITE ERT, BUT EMPLOYEES ARE TRAINED TO WIPE
AND SWEEP MINOR SPILLS OF WASTE AND MATERIALS.**

8. Describe procedures for immediate inspection, isolation, and shutdown of mechanical or other systems that may be involved in a release or threatened release.

FUEL EMERGENCY SHUT-OFF SWITCHES FOR USTS AND PROPANE TANK.

EMPLOYEE TRAINING PLAN

All employees must receive training in how to respond to a hazardous material and/or waste emergency. Training may be tailored to each job classification since certain employees may not work with or around chemical products. New hires must receive initial training and existing employees must receive annual "refresher" training.

1. Describe employee training as it pertains to the following:
 - a. Safe handling or management of a hazardous material and/or waste
 - b. Notification and evacuation of onsite personnel
 - c. Notification of local emergency responders and other agencies
 - d. Use of emergency response equipment

- e. Implementation of emergency response procedures
- f. UST monitoring and release response procedures

UPON EMPLOYMENT, ALL EMPLOYEES MUST REVIEW SAFETY MATERIALS FOLDER WHICH CONTAINS MSDS, IIPP AND OTHER SAFETY RELATED MATERIALS. ANNUAL REFRESHER TRAINING IS REQUIRED OR WHEN NEW MATERIALS ARE INTRODUCED TO THE WORKPLACE.

- 2. Describe procedures for documenting employee training activities.

TRAINING IS DOCUMENTED BY EMPLOYEES SIGNING NAME AND DATE TO AUTHORIZE ACTUAL ATTENDANCE AT TRAINING.

CLOSURE PLAN

Contact San Mateo County Environmental Health if the business is closing or relocating. Failure to comply with appropriate closure requirements may lead to significant civil and criminal penalties.

- 1. Describe procedures that will be implemented in the event of a full or partial facility closure. Include procedures for agency notification, hazardous materials removal, hazardous waste disposal, site and equipment decontamination, UST removal or change of ownership.

SUPERVISOR WILL NOTIFY SAN MATEO COUNTY ENVIRONMENTAL HEALTH FOR CURRENT GUIDELINES PRIOR TO CLOSURE OF RELOCATION.

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY



Protecting Our Health and Environment

Hazardous Materials Business Plan Inspection Report

San Mateo County Environmental Health Services Division

Certified Unified Program Agency (CUPA)

455 County Center, EHS126, Redwood City, CA 94063

Phone: (650) 363-4305 | Fax: (650) 363-7882

http://www.smhealth.org/enviro

Business Name: <i>San Mateo Co. Vehicles & Equip.</i>		Date: <i>4/18/06</i>	
Site Address: <i>752 Chestnut</i>		Phone #: <i>363-4147</i>	
City: <i>Redwood City</i>		Zip Code: <i>94063</i>	
Mailing Address: <i>555 County Center</i>	City: <i>RWC</i>	State: <i>CA</i>	Zip Code: <i>94063</i>
Facility Contact Name: <i>Tony Harwood / Bob Radcliffe</i>		Title: <i>Vehicle & Equip. Services Manager</i>	

Description	Section	In Compliance	Comments
Business Activities	HSC 25505	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Business Owner/Operator Ident. Facility/Owner information, Emergency contacts, Certification	HSC 25504	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Chemical Inventory Chemical disclosure, Complete information	HSC 25509	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A	
Emergency Preparedness Spill prevention, Emergency response plan, Adequate response equipment	HSC 25504	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Employee Training Chemical safety, Emergency response, Annual documentation	HSC 25504	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Site Map Chemical location, Evacuation route, Assembly area, Complete information	HSC 25505	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
HMBP Review/Certification Completed minimum every three years	HSC 25505	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
HMBP Annual Certification	HSC 25505	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Spill Notification and Reporting	HSC 25507	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Aboveground Petroleum Storage SPCC plan required, SPCC plan on-site	HSC 25270.5	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	
CalARP Program Registration submitted	HSC 25533	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	

HMBP Report Narrative: HMBP Review Summary of Violations Notice to Comply Continued

① Update environmental contact.
② Update chemical inventory to include all chemicals/haz. wastes in the same plan. Submit update within 30 days.

Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within 30 DAYS from the inspection date. TWO COPIES of the new or revised HMBP must be submitted upon request.

<input type="radio"/> Follow-up Required	Next Inspection Date:	Inspected by: <i>J. Lopez</i>
Facility Contact Signature: <i>[Signature]</i>	Printed Name:	Date: <i>4.18.06</i>

**SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)
455 COUNTY CENTER, 4TH FLOOR, REDWOOD CITY, CA 94063
(650) 363-4305**

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/REVIEW REPORT

Date: 5/27/05 Inspector: J. Shee ^{Equipment}
 Business Name: SMCo. Grant Yard ^{Vehicles &} Phone #: (650) 599-1651
 Business Address: 752 Chestnut St. City/Zip: RWC 94063
 Contact Person: Bob Radcliffe / Tony ^{Hardwood} Title: Equip. / Mechanic
Supervisor

Hazardous Materials Business Plan Inspection Elements	In Compliance		
	YES	NO	N/A
Business Owner/Operator Identification (HSC §25504) (Facility info., owner info., emergency contacts, certification)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chemical Inventory (HSC §25509) (Chemical disclosure adequate, complete information)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Preparedness (HSC §25504) (Spill prevention, emergency response plan, adequate equipment)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Employee Training (HSC §25504) (Chemical safety, emergency response, documentation)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Site Map (CCR Title 19 §2729) (Chemical location, evacuation route, assembly area, complete info.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HMBP On-Site/HMBP Review/Annual Cert. (HSC §25505)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aboveground Petroleum Storage Tank/SPCC Plan (HSC §25270) (SPCC plan available, daily visual inspection conducted)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CalARP/RMP Program (CCR Title 19) (Registration submitted, RMP complete, RMP implemented)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within **30 days** from the inspection date. **Two copies** of the new or revised HMBP must be submitted upon request.

Notice to Comply/Comments: New HMBP received during inspection

Tony Harwood Signature TONY HARWOOD Printed Name EQUIP. MECH. SUPV. Title

SAN MATEO COUNTY
 ENVIRONMENTAL HEALTH DIVISION
 CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)
 455 COUNTY CENTER, 4TH FLOOR, REDWOOD CITY, CA 94063
 (650) 363-4305

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/REVIEW REPORT

Date: 3-11-04 Inspector: PEE MITA
 Business Name: GRANT YARD / VEHICLES & EQUIP Phone #: 363-4145
 Business Address: 752 CHESTNUT City/Zip: RWC 94063
 Contact Person: VERN JONES Title: _____

Hazardous Materials Business Plan Inspection Elements	In Compliance		
	YES	NO	N/A
Business Owner/Operator Identification (HSC §25504) (Facility info., owner info., emergency contacts, certification)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chemical Inventory (HSC §25509) (Chemical disclosure adequate, complete information)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Preparedness (HSC §25504) (Spill prevention, emergency response plan, adequate equipment)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Employee Training (HSC §25504) (Chemical safety, emergency response, documentation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Site Map (CCR Title 19 §2729) (Chemical location, evacuation route, assembly area, complete info.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HMBP On-Site/HMBP Review/Annual Cert. (HSC §25505)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aboveground Petroleum Storage Tank/SPCC Plan (HSC §25270) (SPCC plan available, daily visual inspection conducted)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CalARP/RMP Program (CCR Title 19) (Registration submitted, RMP complete, RMP implemented)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within **30 days** from the inspection date. **Two copies** of the new or revised HMBP must be submitted upon request.

Notice to Comply/Comments: SPCC PETROLEUM AST TOTALS 1180 GAL
BY MY COUNT, LESS THAN 1320 GAL THRESHOLD.
HMBP RECEIVED 3-6-03 ~~SEEN~~ STILL UP TO DATE

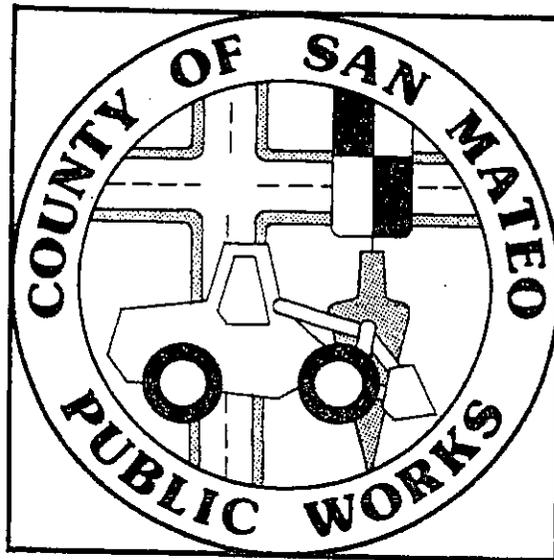
IMPROVE CHAINING OF OXYGEN CYLINDERS

 Signature Printed Name Title
Vern Jones VERN JONES SENIOR UTILITY

DEPARTMENT
OF
PUBLIC WORKS

HAZARDOUS MATERIALS
BUSINESS PLAN

**GRANT
CORPORATION YARD
VEHICLES & EQUIPMENT**



MAR - 6 2003

BUSINESS ACTIVITIES

RECEIVED

Page 1 of 1

I. FACILITY IDENTIFICATION										
FACILITY ID #								1	EPA ID # (Hazardous Waste Only)	2
									CAD 982017683	
BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As)										

II. ACTIVITIES DECLARATION

NOTE: If you answer YES to any part of this form, submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF.	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs)? See instructions for additional reporting criteria.	Circle Yes or No <input checked="" type="radio"/> YES <input type="radio"/> NO	4 HAZARDOUS MATERIALS INVENTORY CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	<input checked="" type="radio"/> YES <input type="radio"/> NO	5 UST FACILITY (Formerly SWRCB Form A) UST TANK (one per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	YES <input checked="" type="radio"/> NO	6 UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one per tank)(Formerly Form C)
3. Need to report closing a UST?	YES <input checked="" type="radio"/> NO	7 UST TANK (closure portion—one per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: —single tank capacity is greater than 660 gallons, or —total capacity for multiple tanks is greater than 1,320 gallons?	YES <input checked="" type="radio"/> NO	8 NO FORM REQUIRED BY CUPA
D. HAZARDOUS WASTE 1. Generate hazardous waste?	<input checked="" type="radio"/> YES <input type="radio"/> NO	9 EPA ID NUMBER—provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC Section 25143.2)?	YES <input checked="" type="radio"/> NO	10 RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	YES <input checked="" type="radio"/> NO	11 ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Form 1772) ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one per unit) (Formerly DTSC Forms 1772 A,B,C,D, and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	YES <input checked="" type="radio"/> NO	12 CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	YES <input checked="" type="radio"/> NO	13 REMOTE WASTE/CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1185)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	YES <input checked="" type="radio"/> NO	14 HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS

15

Pursuant to the California Health and Safety Code Division 20, Chapter 6.95, Section 25506, this agency must obtain consent from the business owner/operator or designated business representative in order to release chemical location information to the public. This includes, but is not limited to, chemical locations provided in the chemical description section and site maps. Please circle "Yes" or "No" to indicate whether or not this information can be released to the public and sign/print your name on the line below.

Consent: Yes No

Signature/Printed Name:

Robert Redcliffe

BUSINESS OWNER/OPERATOR IDENTIFICATION

OES Form 2730

Page ___ of ___

I. IDENTIFICATION

FACILITY ID #	BEGINNING DATE 10/01/00	100	ENDING DATE 10/01/01	101
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) GRANT CORPORATION YARD, VEHICLE & EQUIPMENT	3	BUSINESS PHONE (650) 363-4103	102	
BUSINESS SITE ADDRESS 752 CHESTNUT ST.	103			
CITY REDWOOD CITY	104	CA	ZIP CODE 94063	
DUN & BRADSTREET	106	SIC CODE (4 digit #)	107	
COUNTY SAN MATEO COUNTY	108			
BUSINESS OPERATOR NAME TSUTOMU IMAMURA	109	BUSINESS OPERATOR PHONE (650) 363-4149	110	

II. BUSINESS OWNER

OWNER NAME COUNTY OF SAN MATEO, DEPT OF PUBLIC WORKS	111	OWNER PHONE (650) 363-4100	112	
OWNER MAILING ADDRESS 555 COUNTY CENTER, 5th FLOOR	113			
CITY REDWOOD CITY	114	STATE CA	115	ZIP CODE 94063-1665 116

III. ENVIRONMENTAL CONTACT

CONTACT NAME BOB RADCLIFFE	117	CONTACT PHONE (650) 599-1651	118	
CONTACT MAILING ADDRESS 752 CHESTNUT ST.	119			
CITY REDWOOD CITY	120	STATE CA	121	ZIP CODE 94063 122

PRIMARY

IV. EMERGENCY CONTACTS

SECONDARY

NAME ROBERT RADCLIFFE	123	NAME JOHN WISE	128	
TITLE VEHICLE & EQUIPMENT SERVICES MANAGER	124	TITLE MANAGEMENT ANALYST	129	
BUSINESS PHONE (650) 363-1651	125	BUSINESS PHONE (650) 599-7243	130	
24-HOUR PHONE (650) 355-8667	126	24-HOUR PHONE (650) 363-4000	131	
PAGER #	127	PAGER #	132	

ADDITIONAL LOCALLY COLLECTED INFORMATION: See Hazardous Materials Business Plan Addendum 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE <i>Robert R. Radcliffe</i>	DATE	134	NAME OF DOCUMENT PREPARER Jill Foley	135
NAME OF SIGNER (print) Robert R. Radcliffe	136	TITLE OF SIGNER Vehicle & Equipment Services Manager	137	

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

ADD DELETE REVISE 200 Page of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) **GRANT CORPORATION YARD** 3

CHEMICAL LOCATION **LUBE ROOM** 201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

FACILITY ID # MAP # (optional) **1** 203 GRID # (optional) **2-D** 204

II. CHEMICAL INFORMATION

CHEMICAL NAME **PETROLEUM HYDROCARBON** 205 TRADE SECRET Yes No 206
 If Subject to EPCRA, refer to instructions

COMMON NAME **HYDRAULIC OIL** 207 EHS* Yes No 208

CAS # **UNAVAILABLE** 209 If EHS is "Yes" all amounts below must be in lbs.

FIRE CODE HAZARD CLASS **COMBUSTIBLE LIQUID** 210

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 211 RADIOACTIVE Yes No 212 CURIES 213

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 214 LARGEST CONTAINER 215

FED HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT **30** 217 MAXIMUM STORAGE AMOUNT **55** 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221 DAYS ON SITE **365** 222
* If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply) a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR 223
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%Wt.	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS
1 226	227	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	229
2 230	231	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	233
3 234	235	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237
4 238	239	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 240	241
5 242	243	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

ADD DELETE REVISE 200

Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

GRANT CORPORATION YARD

CHEMICAL LOCATION **UNDERGROUND STORAGE TANK**

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

FACILITY ID #

MAP # (optional) **1**

203

GRID # (optional) **4-E**
204

II. CHEMICAL INFORMATION

CHEMICAL NAME

PETROLEUM HYDROCARBON

205 TRADE SECRET Yes No 206

If Subject to EPCRA, refer to instructions

COMMON NAME

DIESEL

207 EHS* Yes No 208

CAS #

MIXTURE

209 *If EHS is "Yes" all amounts below must be in lbs

FIRE CODE HAZARD CLASS **COMBUSTIBLE LIQUID**

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 211

RADIOACTIVE Yes No 212

CURIES 213

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 214

LARGEST CONTAINER **20,000**

215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT

15,000

217 MAXIMUM STORAGE AMOUNT

20,000

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON 223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 100% 226	DIESEL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 227	MIXTURE 228
2 230		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 231	
3 234		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 235	
4 238		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 239	
5 242		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 243	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

HAZARDOUS MATERIALS INVENTORY- CHEMICAL DESCRIPTION

OES Form 2731

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Page of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

GRANT CORPORATION YARD

CHEMICAL LOCATION **UNDERGROUND STORAGE TANK**

201 CHEMICAL LOCATION Yes No 202
 CONFIDENTIAL -
 EPCRA

FACILITY ID #

MAP # (optional) **1**

203

GRID # (optional) **4-E**
 204

II. CHEMICAL INFORMATION

CHEMICAL NAME

PETROLEUM HYDROCARBON

205 TRADE SECRET Yes No 206

If Subject to EPCRA, refer to instructions

COMMON NAME

UNLEADED GASOLINE

207 EHS* Yes No 208

CAS #

MIXTURE

209 If EHS is Yes, all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

FLAMMABLE LIQUID

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

211

RADIOACTIVE

Yes No

212

CURIES

213

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS

214

LARGEST CONTAINER

20,000

215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

15,000

217

MAXIMUM STORAGE AMOUNT

20,000

218

ANNUAL WASTE AMOUNT

219

STATE WASTE CODE

220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

DAYS ON SITE

365

222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 100% 226	GASOLINE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	MIXTURE 229
2 230		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237
4 238		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 240	241
5 242		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
GRANT CORPORATION YARD

CHEMICAL LOCATION **PARTS CLEANING ROOM**

201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

FACILITY ID #

MAP # (optional) **1**

203 GRID # (optional) **2-C**
204

II. CHEMICAL INFORMATION

CHEMICAL NAME **MINERAL SPIRITS**

205

TRADE SECRET Yes No 206

If Subject to EPCRA, refer to instructions

COMMON NAME **MINERAL SPIRITS / SAFETY KLEEN**

207

EHS* Yes No 208

CAS #

209

If EHS is "Yes" all amounts below must be in lbs.

FIRE CODE HAZARD CLASS **FLAMMABLE LIQUID**

210

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE

211

RADIOACTIVE

Yes No

212

CURIES

213

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS

214

LARGEST CONTAINER **15**

215

FED HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE

216

d. ACUTE HEALTH e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT **20**

217

MAXIMUM STORAGE AMOUNT **45**

218

ANNUAL WASTE AMOUNT

219

STATE WASTE CODE

220

UNITS* (Check one item only) a. GALLONS

b. CUBIC FEET

221

c. POUNDS

d. TONS

221

DAYS ON SITE **365**

222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK

e. PLASTIC/NONMETALLIC DRUM

i. FIBER DRUM

m. GLASS BOTTLE

q. RAIL CAR

b. UNDERGROUND TANK

f. CAN

j. BAG

n. PLASTIC BOTTLE

r. OTHER

c. TANK INSIDE BUILDING

g. CARBOY

k. BOX

o. TOTE BIN

d. STEEL DRUM

h. SILO

l. CYLINDER

p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT

b. ABOVE AMBIENT

c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT

b. ABOVE AMBIENT

c. BELOW AMBIENT

d. CRYOGENIC

225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 85% 226	MINERAL SPIRITS	227 Yes <input checked="" type="checkbox"/> No	64741-41-9 229
2 12% 230	AROMATICS	231 Yes <input type="checkbox"/> No	MIXTURE 233
3 1% 234	XYLENE	235 Yes <input type="checkbox"/> No	1330-20-7 237
4 .5% 238	TOLUENE	239 Yes <input type="checkbox"/> No	108-88-3 241
5 .5% 242	ETHYL BENZENE	243 Yes <input type="checkbox"/> No	100-41-4 245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) GRANT CORPORATION YARD				3
CHEMICAL LOCATION LUBE ROOM		201	CHEMICAL LOCATION CONFIDENTIAL - EPCRA <input type="checkbox"/> Yes <input type="checkbox"/> No 202	
FACILITY ID #	MAP # (optional) 1	203	GRID # (optional) 2-D	204

II. CHEMICAL INFORMATION

CHEMICAL NAME PETROLEUM HYDROCARBON		205	TRADE SECRET <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 205	
COMMON NAME EP GREASE 2		207	EHS* <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 208	
CAS # MIXTURE		209	If EHS is "Yes" all amounts below must be in lbs.	
FIRE CODE HAZARD CLASS COMBUSTIBLE LIQUID		210		
HAZARDOUS MATERIAL TYPE (Check one item only)	<input checked="" type="checkbox"/> a. PURE <input type="checkbox"/> b. MIXTURE <input type="checkbox"/> c. WASTE	211	RADIOACTIVE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	212
PHYSICAL STATE (Check one item only)	<input type="checkbox"/> a. SOLID <input checked="" type="checkbox"/> b. LIQUID <input type="checkbox"/> c. GAS	214	LARGEST CONTAINER 55	215
FED HAZARD CATEGORIES (Check all that apply)	<input checked="" type="checkbox"/> a. FIRE <input type="checkbox"/> b. REACTIVE <input type="checkbox"/> c. PRESSURE RELEASE <input type="checkbox"/> d. ACUTE HEALTH <input type="checkbox"/> e. CHRONIC HEALTH			
AVERAGE DAILY AMOUNT 55	217	MAXIMUM STORAGE AMOUNT 110	218	ANNUAL WASTE AMOUNT
UNITS* (Check one item only)	<input checked="" type="checkbox"/> a. GALLONS <input type="checkbox"/> b. CUBIC FEET <input type="checkbox"/> c. POUNDS <input type="checkbox"/> d. TONS			221
STORAGE CONTAINER (Check all that apply)	<input type="checkbox"/> a. ABOVEGROUND TANK <input type="checkbox"/> e. PLASTIC/NONMETALLIC DRUM <input type="checkbox"/> i. FIBER DRUM <input type="checkbox"/> m. GLASS BOTTLE <input type="checkbox"/> q. RAIL CAR <input type="checkbox"/> b. UNDERGROUND TANK <input type="checkbox"/> f. CAN <input type="checkbox"/> j. BAG <input type="checkbox"/> n. PLASTIC BOTTLE <input type="checkbox"/> r. OTHER <input type="checkbox"/> c. TANK INSIDE BUILDING <input type="checkbox"/> g. CARBOY <input type="checkbox"/> k. BOX <input type="checkbox"/> o. TOTE BIN <input checked="" type="checkbox"/> d. STEEL DRUM <input type="checkbox"/> h. SILO <input type="checkbox"/> l. CYLINDER <input type="checkbox"/> p. TANK WAGON			
STORAGE PRESSURE	<input checked="" type="checkbox"/> a. AMBIENT <input type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT			224
STORAGE TEMPERATURE	<input checked="" type="checkbox"/> a. AMBIENT <input type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT <input type="checkbox"/> d. CRYOGENIC			225
STATE WASTE CODE	DAYS ON SITE 365			222

#	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	37%	SPENT LUBE OIL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	64742-50-3
2	32%	SOLVENT REFINED	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	64742-01-4
3	12%	HEAVY NAPHTENIC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	64742-52-5
4			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
GRANT CORPORATION YARD

CHEMICAL LOCATION **WASH RACK** 201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

FACILITY ID # MAP # (optional) **1** 203 GRID # (optional) **2-C AND 3-C** 204

II. CHEMICAL INFORMATION

CHEMICAL NAME **INHIBITED ETHYLENE GLYCOL** 205 TRADE SECRET Yes No 206
 If Subject to EPCRA, refer to instructions

COMMON NAME **ANTIFREEZE** 207 EHS* Yes No 208

CAS # **MIXTURE** 209 *If EHS is "Yes" all amounts below must be in lbs. 210

FIRE CODE HAZARD CLASS **OTHER REGULATED MATERIAL** 210

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 211 RADIOACTIVE Yes No 212 CURIES 213

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 214 LARGEST CONTAINER **150** 215

FED HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT **75** 217 MAXIMUM STORAGE AMOUNT **150** 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221 DAYS ON SITE **365** 222
 * If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply)
 a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR 223
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

#	%WT	CAS #	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	95%	226	ETHYLENE GLYCOL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 227	107-21-1
2	<5%	230	BORATES	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 231	1330-43-4
3	<5%	234	NITRATES	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 235	7632-00-0
4	<5%	238	SILICON COMPOUNDS	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 239	8834-92-0
5	<5%	242	WATER	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 243	

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HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DEA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

GRANT YARD / VEHICLES & EQUIPMENT

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID #

CA 1982 017683

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

Petroleum Oil

TRADE SECRET Yes No 204

If Subject to EPCRA, refer to instructions

COMMON NAME

Used Oil

EHS* Yes No 205

CAS # **68649423**

207

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS

Combustible Liquid

207

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 208

RADIOACTIVE Yes No 209

CURIES 210

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 211

LARGEST CONTAINER **240 gal** 212

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 213

AVERAGE DAILY AMOUNT **230 gal**

217

MAXIMUM STORAGE AMOUNT **465 gal**

ANNUAL WASTE AMOUNT **1860 gal**

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS, amount must be in pounds.

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

- a. ABOVEGROUND TANK
- b. UNDERGROUND TANK
- c. TANK INSIDE BUILDING
- d. STEEL DRUM
- e. PLASTIC/NONMETALLIC DRUM
- f. CAN
- g. CARBOY
- h. DRUM
- i. FIBER DRUM
- j. BAG
- k. BOX
- l. CYLINDER
- m. GLASS BOTTLE
- n. PLASTIC BOTTLE
- o. TOTE BIN
- p. TANK WAGON
- q. RAIL CAR
- r. OTHER

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

QTY	HAZARDOUS COMPONENT (For liquids or gases only)	EHS	CAS #
1	226	227 <input type="checkbox"/> Yes <input type="checkbox"/> No 228	
2	230	231 <input type="checkbox"/> Yes <input type="checkbox"/> No 232	
3	234	235 <input type="checkbox"/> Yes <input type="checkbox"/> No 236	
4	238	239 <input type="checkbox"/> Yes <input type="checkbox"/> No 240	
5	242	243 <input type="checkbox"/> Yes <input type="checkbox"/> No 244	

If more hazardous components are present at greater than 1% by weight (if non-carcinogenic), or 0.1% by weight (if carcinogenic), attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

HAZARDOUS MATERIALS INVENTORY- CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
SAN MATEO COUNTY PUBLIC WORKS

GRANT YARD / VEHICLES & EQUIPMENT

CHEMICAL LOCATION
752 CHESTNUT STREET, REDWOOD CITY, CA 94063

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID# **CA 982017683**

MAP # (optional) 202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME 204
DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

TRADE SECRET Yes No 205
 If Subject to EPCRA, refer to instructions

COMMON NAME 207
CALCO HDMO 30

EHS* Yes No 206

CAS # **64742547** 209

*If EHS is "Yes" all structures below must be in the

FIRE CODE HAZARD CLASS
Combustible Liquid 210

HAZARDOUS MATERIAL TYPE (Check one item only) 207
 a. PURE b. MIXTURE c. WASTE

RADIOACTIVE Yes No 212 CURIES 208

PHYSICAL STATE (Check one item only) 209
 a. SOLID b. LIQUID c. GAS

LARGEST CONTAINER **240 gal** 215

FED HAZARD CATEGORIES (Check all that apply) 210
 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT **230 gal** 217 MAXIMUM STORAGE AMOUNT **240 gal** 218 ANNUAL WASTE AMOUNT **1860 gal** 219 STATE WASTE CODE 220

UNITS* (Check one item only) 221 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS DAYS ON SITE **365** 222
 * If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply) 223
 a. ABOVEGROUND TANK s. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK t. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING p. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM u. BILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE 224
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE 225
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

QTY	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1		<input type="checkbox"/> Yes <input type="checkbox"/> No	
2		<input type="checkbox"/> Yes <input type="checkbox"/> No	
3		<input type="checkbox"/> Yes <input type="checkbox"/> No	
4		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DEA - Doing Business As) **SAN MATEO COUNTY PUBLIC WORKS** **GRANT YARD / VEHICLES & EQUIPMENT**

CHEMICAL LOCATION **752 CHESTNUT STREET, REDWOOD CITY, CA 94063** 201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID # **CA 982 017683** MAP # (optional) 202 GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME **DISTILLATES, HYDROTREATED HEAVY PARAFFINIC** 204 TRADE SECRET Yes No 205

COMMON NAME **CALCO HDMO 15-40** 207 If Subject to EPCRA, refer to instructions

CAS # **64742547** 209 *If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS **Combustible Liquid** 210

HAZARDOUS MATERIAL TYPE (Check one from only) a. PURE b. MIXTURE c. WASTE 207 RADIOACTIVE Yes No 212 CURIES 208

PHYSICAL STATE (Check one from only) a. SOLID b. LIQUID c. GAS 209 LARGEST CONTAINER **75 gal** 215

FED HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

AVERAGE DAILY AMOUNT **60 gal** 217 MAXIMUM STORAGE AMOUNT **75 gal** 218 ANNUAL WASTE AMOUNT **300 gal** 219 STATE WASTE CODE 220

UNITS* (Check one from only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221 DAYS ON SITE **365** 222

* If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply)

<input type="checkbox"/> a. ABOVEGROUND TANK	<input type="checkbox"/> e. PLASTIC/NONMETALLIC DRUM	<input type="checkbox"/> i. FIBER DRUM	<input type="checkbox"/> m. GLASS BOTTLE	<input type="checkbox"/> q. RAIL CAR
<input type="checkbox"/> b. UNDERGROUND TANK	<input type="checkbox"/> f. CAN	<input type="checkbox"/> j. BAG	<input type="checkbox"/> n. PLASTIC BOTTLE	<input type="checkbox"/> r. OTHER
<input checked="" type="checkbox"/> c. TANK INSIDE BUILDING	<input type="checkbox"/> g. CARBOY	<input type="checkbox"/> k. BOX	<input type="checkbox"/> o. TOTE BIN	
<input type="checkbox"/> d. STEEL DRUM	<input type="checkbox"/> h. DRUM	<input type="checkbox"/> l. CYLINDER	<input type="checkbox"/> p. TANK WAGON	

STORAGE PRESSURE a. AMBIENT b. ABOVE-AMBIENT c. BELOW-AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

QTY/WT	HAZARDOUS COMPONENT (For numbers 1-5 only)	EHS	CAS #
1 226		<input type="checkbox"/> Yes <input type="checkbox"/> No 227	
2 230		<input type="checkbox"/> Yes <input type="checkbox"/> No 231	
3 234		<input type="checkbox"/> Yes <input type="checkbox"/> No 235	
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 239	
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 243	

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Sign Here for EPCRA:

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

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I. FACILITY INFORMATION

BUSINESS NAME (Name or FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

GRANT YARD / VEHICLES & EQUIPMENT

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID#

CA 982 017683

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

PETROLEUM HYDROCARBON

204

TRADE SECRET Yes No 205

If Subject to EPCRA, refer to instructions

COMMON NAME

HYDRAULIC TRACTOR FLUID

207

EHS* Yes No 206

CAS# **8012-95-1**

209

* If EHS is "Yes", all chemical labels must be in this

FIRE CODE HAZARD CLASS

Combustible Liquid

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

207

RADIOACTIVE Yes No

212

CURIES 208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS

209

LARGEST CONTAINER **240 gal**

215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

210

AVERAGE DAILY AMOUNT **150 gal**

217

MAXIMUM STORAGE AMOUNT **240 gal**

218

ANNUAL WASTE AMOUNT **720 gal**

219

STATE WASTE CODE

220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

DAYS ON SITE **365**

222

* If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. DRUM l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

QWT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226		227 <input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2 230		231 <input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3 234		235 <input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4 238		239 <input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		243 <input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

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Sign Here for EPCRA:

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HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) **SAN MATEO COUNTY PUBLIC WORKS** **GRANT YARD / VEHICLES & EQUIPMENT**

CHEMICAL LOCATION **752 CHESTNUT STREET, REDWOOD CITY, CA 94063** CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID # **CA 982017683** MAP # (optional) 202 GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME **PETROLEUM HYDROCARBON** 204 TRADE SECRET Yes No 205

COMMON NAME **CRANKCASE OIL 10-40** 207 EHS* Yes No 206

CAS # **8012-95-1** 209 *If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS **Combustible Liquid** 210

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 207 RADIOACTIVE Yes No 212 CURIES 208

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 209 LARGEST CONTAINER **48 QTS** 215

PHD HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

AVERAGE DAILY AMOUNT **6 gal** 217 MAXIMUM STORAGE AMOUNT **12 gal** 218 ANNUAL WASTE AMOUNT **80gal** 219 STATE WASTE CODE 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221 DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR

b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER

c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN

d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

#HWI	HAZARDOUS COMPONENT (For numbers of units only)	EHS	CAS #
1	226	<input type="checkbox"/> Yes <input type="checkbox"/> No 227	228
2	230	<input type="checkbox"/> Yes <input type="checkbox"/> No 231	232
3	234	<input type="checkbox"/> Yes <input type="checkbox"/> No 235	236
4	238	<input type="checkbox"/> Yes <input type="checkbox"/> No 239	240
5	242	<input type="checkbox"/> Yes <input type="checkbox"/> No 243	244

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

GRANT YARD / VEHICLES & EQUIPMENT

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 20

FACILITY ID#

CA 982 017683

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME

ETHYLENE GLYCOL

TRADE SECRET Yes No 204

If Subject to EPCRA, refer to instructions

COMMON NAME

ANTIFREEZE N320 - USED ANTIFREEZE

EHS* Yes No 206

CAS #

209

*If EHS is "Yes", all amounts below must be in lbs

FIRE CODE HAZARD CLASS

TOXIC LIQUID

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 207

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 209

LARGEST CONTAINER 150 gal 215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

AVERAGE DAILY AMOUNT 148gal 217

MAXIMUM STORAGE AMOUNT 150gal 218

ANNUAL WASTE AMOUNT 300 gal 219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS, amount must be in pounds.

DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON 223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

WWT	HAZARDOUS COMPONENT (If mixtures or solids only)	EHS	CAS #
1 42%-47% 226	Ethylene Glycol	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	22
2 5% 230	Hydrated in organic acid, sodium salt	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	23
3 50% 234	Water	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	23
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	24
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	24

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
SAN MATEO COUNTY PUBLIC WORKS

CHEMICAL LOCATION
752 CHESTNUT STREET, REDWOOD CITY, CA 94063

FACILITY ID # **CA 982017683** MAP # (optional) 202 URID # (optional) 203

GRANT YARD / VEHICLES & EQUIPMENT

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

II. CHEMICAL INFORMATION

CHEMICAL NAME 204
PETROLEUM HYDROCARBON

TRADE SECRET Yes No 205

COMMON NAME 207
CRANKCASE OIL 10-30

EHS* Yes No 206

CAS # **64742-65-0** 209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS
Combustible Liquid 210

HAZARDOUS MATERIAL TYPE (Check one item only) 207

a. PURE b. MIXTURE c. WASTE

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE (Check one item only) 209

a. SOLID b. LIQUID c. GAS

LARGEST CONTAINER 215
48QTS

FED HAZARD CATEGORIES (Check all that apply) 210

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217
6gal

MAXIMUM STORAGE AMOUNT 218
12gal

ANNUAL WASTE AMOUNT 219
80 gal

STATE WASTE CODE 220

UNITS* (Check one item only) 221

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

* If EHS, amount must be in pounds.

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR

b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER

c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE-BIN

d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE 224

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE 225

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

QTY	HAZARDOUS COMPONENT (If a mixture or waste only)	EHS	CAS #
1 226		227 <input type="checkbox"/> Yes <input type="checkbox"/> No 228	229
2 230		231 <input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3 234		235 <input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4 238		239 <input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		243 <input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

Page 1 of 1

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Name or FACILITY NAME or DBA - Doing Business As) **SAN MATEO COUNTY PUBLIC WORKS** **GRANT YARD / VEHICLES & EQUIPMENT**

CHEMICAL LOCATION **752 CHESTNUT STREET, REDWOOD CITY, CA 94063** 201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID: **CA 982017683** MAP # (optional) 202 GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME **PETROLEUM HYDROCARBON** 204

TRADE SECRET Yes No 205

COMMON NAME **GEAR LUBRICANT 85-140** 207

EHS* Yes No 206

CAS # **64742-62-7** 209

FIRE CODE HAZARD CLASS **Combustible Liquid** 210

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 207

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 209

LARGEST CONTAINER **240 gal** 215

PEL HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

AVERAGE DAILY AMOUNT **150 gal** 217

MAXIMUM STORAGE AMOUNT **240 gal** 218

ANNUAL WASTE AMOUNT **720 gal** 219

STATE WASTE CODE 220

UNITS* a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK c. PLASTIC/NONMETALLIC DRUM l. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR

b. UNDERGROUND TANK d. CAN j. BAG n. PLASTIC BOTTLE r. OTHER

e. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN

f. STEEL DRUM h. DRUM i. CYLINDER p. TANK WAGON

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

QTY	HAZARDOUS COMPONENT (For addition of items only)	EHS	CAS #
1		<input type="checkbox"/> Yes <input type="checkbox"/> No 227	
2		<input type="checkbox"/> Yes <input type="checkbox"/> No 231	
3		<input type="checkbox"/> Yes <input type="checkbox"/> No 235	
4		<input type="checkbox"/> Yes <input type="checkbox"/> No 239	
5		<input type="checkbox"/> Yes <input type="checkbox"/> No 243	

If more hazardous components are present at greater than 1% by weight (if non-carcinogenic), or 0.1% by weight (if carcinogenic), attach additional sheets of paper indicating the required information.

Sign Here for EPCRA: _____ 246

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

Page 1 of 1

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

SAN MATEO COUNTY PUBLIC WORKS

GRANT YARD / VEHICLES & EQUIPMENT

CHEMICAL LOCATION

752 CHESTNUT STREET, REDWOOD CITY, CA 94063

CHEMICAL LOCATION
CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID#

CA 982017683

MAP # (optional)

202

GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME 204

PETROLEUM HYDROCARBON MIXTURE

TRADE SECRET Yes No 205

If Subject to EPCRA, refer to instructions

COMMON NAME 207

TRANSMISSION OIL DEXTRON III

EHS# Yes No 206

* If EHS# "Yes", all appropriate labels must be in Box 206

CAS# **VARIOUS**

FIRE CODE HAZARD CLASS

COMBUSTIBLE LIQUID

210

HAZARDOUS MATERIAL
TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 207

RADIOACTIVE Yes No 212

CURIES 208

PHYSICAL STATE
(Check one item only)

a. SOLID b. LIQUID c. GAS 209

LARGEST CONTAINER **75 gal**
215

FED HAZARD CATEGORIES
(Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 210

AVERAGE DAILY
AMOUNT **50 gal** 217

MAXIMUM STORAGE
AMOUNT **75 gal** 218

ANNUAL WASTE
AMOUNT **300 gal** 219

STATE WASTE
CODE 220

UNITS*
(Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

* If EHS#, amount must be in pounds.

DAYS ON
SITE **365** 222

STORAGE CONTAINER
(Check all that apply)

a. ABOVEGROUND TANK b. UNDERGROUND TANK c. TANK INSIDE BUILDING
 d. FIBER DRUM e. PLASTIC/NONMETALLIC DRUM f. CAN g. CARBOY h. DRUM
 i. FIBER DRUM j. BAG k. BOX l. CYLINDER
 m. GLASS BOTTLE n. PLASTIC BOTTLE o. TOTE BIN
 p. RAIL CAR q. OTHER 223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

SHAFT	HAZARDOUS COMPONENT (For mixtures or wastes only)	EHS	CAS#
1 226		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	229
2 230		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA:

246

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

ADD DELETE REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
SAN MATEO COUNTY PUBLIC WORKS *GRANT YARD / VEHICLES & EQUIPMENT*

CHEMICAL LOCATION 201
752 CHESTNUT STREET, REDWOOD CITY, CA 94063 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 201

FACILITY ID # **CA 982017683** MAP # (optional) 202 GRID # (optional) 203

II. CHEMICAL INFORMATION

CHEMICAL NAME 204
INERT ELEMENT ARGON TRADE SECRET Yes No 205
 If Subject to EPCRA, refer to instructions

COMMON NAME 207
ARGON UN 1006 EHS* Yes No 206

CAS # 7440-27-1 209
 *If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS
INERT COMPRESSED GAS 210

HAZARDOUS MATERIAL TYPE (Check one item only) 207
 a. PURE b. MIXTURE c. WASTE RADIOACTIVE Yes No 212 CURIES 208

PHYSICAL STATE (Check one item only) 209
 a. SOLID b. LIQUID c. GAS LARGEST CONTAINER 215 **336 CU FT.**

FED HAZARD CATEGORIES (Check all that apply) 210
 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217 **200 CU FT.** MAXIMUM STORAGE AMOUNT 218 **336 CU FT.** ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNITS* (Check one item only) 221
 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS DAYS ON SITE 222 **365**
 * If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply) 223
 a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE 224
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE 225
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

PERCENT	HAZARDOUS COMPONENT (For mixtures or alloys only)	EHS	CAS#
1 99.9% 229	Argon	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	229
2 230	Total nitrogen and oxygen less than 0.1%	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

Sign Here for EPCRA: 246

HAZARDOUS MATERIALS BUSINESS PLAN ADDENDUM

BUSINESS NAME: Grant Corporation Yard, Roads

BUSINESS ADDRESS: 752 Chestnut Street, Redwood City, CA

In addition to the general business, chemical inventory and site map information, the San Mateo County Environmental Health Division (Division) requires completion of the following sections pertaining to spill prevention, emergency response, employee training and site closure. This addendum contains specific elements pertaining to the hazardous materials business plan, the hazardous waste contingency plan, stormwater pollution prevention, underground storage tank (UST) monitoring and unauthorized release response requirements.

SPILL PREVENTION PLAN

1. Describe how hazardous materials and/or wastes are handled, stored and monitored to prevent or minimize a spill or release from occurring (e.g., secondary containment, separation of incompatibles, daily visual monitoring).

Products are kept in closed containers and inspected daily for leaks and spillage. Whenever possible containers are double contained to reduce spill potential.

2. Describe operations, activities and/or storage locations where a release is most likely to occur that could significantly impact sensitive receptor sites.

Fuel dispensing island, where operators are potentially capable of causing inadvertent spills

3. Describe the Best Management Practices (BMPs) you use to reduce or eliminate illicit discharges of pollutants to the storm sewer system.

A – Double containment wherever necessary.

B – Spill containment area outside maintenance shop to control runoff into storm drain system.

C – Absorbent material and rags are located near potential spill areas.

4. Describe underground storage tank and/or aboveground storage tank monitoring procedures used to prevent an unauthorized release from occurring.

A – Daily sticking to monitor leaks.

B – Annual full system test on USTs.

C – Monthly SIRS.

EMERGENCY RESPONSE PLAN

1. Provide a list of all onsite emergency response equipment designated for a hazardous material and/or waste or UST emergency response (e.g., fire extinguishers, fire suppression systems, spill control equipment, shut-off switches, personal protective equipment, decontamination equipment, and communication and alarm systems.

<u>EQUIPMENT TYPE</u>	<u>LOCATION</u>	<u>CAPABILITY</u>
Fire extinguishers	See Site Map	Sufficient for Emergencies
Emergency Shut-Off Switches	See Site Map	Sufficient for Emergencies
Absorbent Materials & Rags	See Site Map	Sufficient for Emergencies
Shower & Eye Wash Stations	See Site Map	Sufficient for Emergencies

2. Describe emergency arrangements with local fire departments, police departments, hospitals, contractors, and other state and local emergency response agencies.

Workforce Medical (650) 556-9420, for Clinical Emergencies
Sequoia Hospital Emergency Room (650) 369-5811 OR
Nearest Hospital (Kaiser, (650) 299-2200

3. The definition of a release or threatened release includes incidents that pose a present or potential hazard to human health and safety, property or the environment. In the event of a hazardous material and/or waste release or threatened release, state law requires immediate verbal notification to the agencies listed below once any necessary emergency response procedures are initiated.
 - a. Local Fire Department
 - b. County Environmental Health
 - c. State Office of Emergency Services (OES)

Provide phone numbers other than 9-1-1 for the following:

Local Fire Department	Redwood City Fire (650) 780-7400
Local Police Department	Redwood City Police (650) 780-7100
Nearest Hospital	Kaiser Hospital (650) 299-2200
County Environmental Health	<u>(650)363-4305</u>
State Office of Emergency Services	<u>(800) 852-7550 or (916) 262-1621</u>

4. Describe notification procedures for onsite emergency response personnel and outside agencies (e.g., Fire, Health, Police, State OES) needed during emergency incidents requiring assistance beyond facility capabilities.

**VERBAL NOTIFICATION TO EMPLOYEES TO EVACUATE IF NECESSARY.
DAIL 9-1-1 TO REQUEST EMERGENCY ASSISTANCE.**

5. Describe any security system or device that could impede site access by emergency responders.

GATES, DOORS, LOCKS.

6. Describe procedures for notification and evacuation of visitors and employees during an emergency involving a hazardous material and/or waste. Primary and alternate evacuation routes and assembly areas must be clearly identified on the site map.

**VERBAL NOTIFICATION TO ALL EMPLOYEE STATIONS.
SEE ATTACHED SITE MAP.**

7. Describe mitigation procedures to be implemented by onsite personnel in the event of a release, threatened release, fire or explosion involving a hazardous material and/or waste. Indicate if the business has an onsite emergency response team (ERT) and if so, describe how the ERT will interact with outside emergency response agencies if additional assistance is required.

**SITE DOES NOT HAVE AN ON-SITE ERT, BUT EMPLOYEES ARE TRAINED TO WIPE
AND SWEEP MINOR SPILLS OF WASTE AND MATERIALS.**

8. Describe procedures for immediate inspection, isolation, and shutdown of mechanical or other systems that may be involved in a release or threatened release.

FUEL EMERGENCY SHUT-OFF SWITCHES FOR USTS AND PROPANE TANK.

EMPLOYEE TRAINING PLAN

All employees must receive training in how to respond to a hazardous material and/or waste emergency. Training may be tailored to each job classification since certain employees may not work with or around chemical products. New hires must receive initial training and existing employees must receive annual "refresher" training.

1. Describe employee training as it pertains to the following:
 - a. Safe handling or management of a hazardous material and/or waste
 - b. Notification and evacuation of onsite personnel
 - c. Notification of local emergency responders and other agencies
 - d. Use of emergency response equipment

- e. Implementation of emergency response procedures
- f. UST monitoring and release response procedures

UPON EMPLOYMENT, ALL EMPLOYEES MUST REVIEW SAFETY MATERIALS FOLDER WHICH CONTAINS MSDS, IIPP AND OTHER SAFETY RELATED MATERIALS. ANNUAL REFRESHER TRAINING IS REQUIRED OR WHEN NEW MATERIALS ARE INTRODUCED TO THE WORKPLACE.

- 2. Describe procedures for documenting employee training activities.

TRAINING IS DOCUMENTED BY EMPLOYEES SIGNING NAME AND DATE TO AUTHORIZE ACTUAL ATTENDANCE AT TRAINING.

CLOSURE PLAN

Contact San Mateo County Environmental Health if the business is closing or relocating. Failure to comply with appropriate closure requirements may lead to significant civil and criminal penalties.

- 1. Describe procedures that will be implemented in the event of a full or partial facility closure. Include procedures for agency notification, hazardous materials removal, hazardous waste disposal, site and equipment decontamination, UST removal or change of ownership.

SUPERVISOR WILL NOTIFY SAN MATEO COUNTY ENVIRONMENTAL HEALTH FOR CURRENT GUIDELINES PRIOR TO CLOSURE OF RELOCATION.

SAN MATEO COUNTY
 ENVIRONMENTAL HEALTH DIVISION
 CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)
 455 COUNTY CENTER, 4TH FLOOR, REDWOOD CITY, CA 94063
 (650) 363-4305

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/REVIEW REPORT

Date: 3-6-03 Inspector: P. SMITH
 Business Name: GRANT YD / VEHICLES & EQUIP Phone #: 363-4145
 Business Address: 752 CHESTNUT ST. City/Zip: RWC 94063
 Contact Person: VERN JONES Title: _____

Hazardous Materials Business Plan Inspection Elements

	In Compliance		
	YES	NO	N/A
Business Owner/Operator Identification (HSC §25504) (Facility info., owner info., emergency contacts, certification)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chemical Inventory (HSC §25509) (Chemical disclosure adequate, complete information)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Preparedness (HSC §25504) (Spill prevention, emergency response plan, adequate equipment)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Employee Training (HSC §25504) (Chemical safety, emergency response, documentation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Site Map (CCR Title 19 §2729) (Chemical location, evacuation route, assembly area, complete info.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HMBP On-Site/HMBP Review/Annual Cert. (HSC §25505)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aboveground Petroleum Storage Tank/SPCC Plan (HSC §25270) (SPCC plan available, daily visual inspection conducted)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CalARP/RMP Program (CCR Title 19) (Registration submitted, RMP complete, RMP implemented)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within **30 days** from the inspection date. **Two copies** of the new or revised HMBP must be submitted upon request.

Notice to Comply/Comments: ① UPDATED HMBP RECEIVED DURING INSPECTION
② OUT-OF-SERVICE ASTS MUST BE REMOVED FROM SITE. SPCC REQUIREMENT IS BASED ON TOTAL CAPACITY, NOT AMOUNT BEING STORED.

Vern Jones Signature VERN JONES Printed Name SENIOR UTILITY Title

SAN MATEO COUNTY
 ENVIRONMENTAL HEALTH DIVISION
 CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)
 455 COUNTY CENTER, 4TH FLOOR, REDWOOD CITY, CA 94063
 (650) 363-4305

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/REVIEW REPORT

Date: 3-6-02 Inspector: P. Smith
 Business Name: GRANT YARD, VEHICLES & EQUIP Phone #: 363-4145
 Business Address: 752 CHESTNUT ST. City/Zip: RWC 94063
 Contact Person: VERN JONES Title: SR. UTILITY WORKER

Hazardous Materials Business Plan Inspection Elements	In Compliance		
	YES	NO	N/A
Business Owner/Operator Identification (HSC §25504) (Facility info., owner info., emergency contacts, certification)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chemical Inventory (HSC §25509) (Chemical disclosure adequate, complete information)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Preparedness (HSC §25504) (Spill prevention, emergency response plan, adequate equipment)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Employee Training (HSC §25504) (Chemical safety, emergency response, documentation)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Site Map (CCR Title 19 §2729) (Chemical location, evacuation route, assembly area, complete info.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HMBP On-Site/HMBP Review/Annual Cert. (HSC §25505)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aboveground Petroleum Storage Tank/SPCC Plan (HSC §25270) (SPCC plan available, daily visual inspection conducted)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CalARP/RMP Program (CCR Title 19) (Registration submitted, RMP complete, RMP implemented)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within **30 days** from the inspection date. **Two copies** of the new or revised HMBP must be submitted upon request.

Notice to Comply Comments: ① PROVIDE CHEMICAL DESCRIPTION PAGES FOR USED OIL AND FOR MOTOR OIL. IF ATF CAPACITY IS REDUCED, PROVIDE NEW CHEMICAL DESCRIPTION PAGE.
 ② REDUCE ABOVEGROUND STORAGE CAPACITY OF PETROLEUM PRODUCTS TO A TOTAL OF LESS THAN 1320 GALLONS OR HAVE SPCC PLAN PREPARED BY PROFESSIONAL ENGINEER.

Vern Jones
 Signature Printed Name Title

Rec. ID 23493
Fee 2162

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 County Center, 4th Floor, Redwood City, CA 94063
(650) 363-4305

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/REVIEW REPORT

Date: 5-29-01 Inspector: [Signature]
Business Name: SAN MATEO CO. CORP YARD (VEHICLES) Phone No: 599-1651
Business Address: 752 CHESTNUT City/Zip: RWC 94063
Contact Person: BOB RADCLIFF Title: _____

Hazardous Materials Business Plan Inspection Elements

	In Compliance		
	YES	NO	NA
Business Owner/Operator Identification (HSC §25504) (Facility info., owner info., emergency contacts, certification)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chemical Inventory (HSC §25509) (Undisclosed chemicals, complete info.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Preparedness (HSC §25504) (Spill prev., emergency notification/mitigation/evac. plan, adequate equipment)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Employee Training (HSC §25504) (Chemical safety, emergency response, documentation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Site Map (CCR Title 19 §2729) (Chemical location, evac. route, assembly area, complete info.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HMBP On-site (HSC §25505)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aboveground Petroleum Storage Tank/SPCC Plan (HSC §25270) (SPCC plan available, daily visual inspection conducted)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CalARP Program/RMP (CCR Title 19 Chapter 4.5) (Registration submitted, RMP complete, RMP implemented)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Notice to Comply: Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within 30 days from the inspection date. Two copies of the new or revised HMBP must be submitted upon request. Comments: _____

Signature

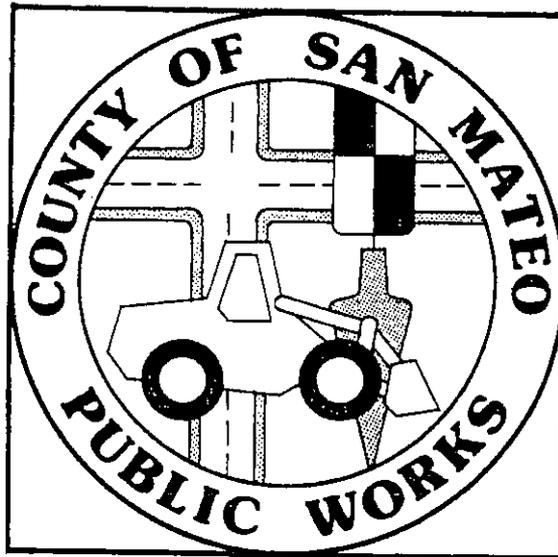
Printed Name

Title

DEPARTMENT
OF
PUBLIC WORKS

HAZARDOUS MATERIALS
BUSINESS PLAN

**GRANT
CORPORATION YARD
VEHICLES & EQUIPMENT**



SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
 CERTIFIED UNIFIED PROGRAM AGENCY
 455 COUNTY CENTER, 4TH FLOOR
 REDWOOD CITY, CA 94063

BUSINESS OWNER/OPERATOR IDENTIFICATION

OES Form 2730

Page ___ of ___

I. IDENTIFICATION

FACILITY ID #	BEGINNING DATE 10/01/00	100	ENDING DATE 10/01/01	101
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) GRANT CORPORATION YARD, VEHICLE & EQUIPMENT	3	BUSINESS PHONE (650) 363-4103	102	
BUSINESS SITE ADDRESS 752 CHESTNUT ST.	103			
CITY REDWOOD CITY	104	CA	ZIP CODE 94063	105
DUN & BRADSTREET	106	SIC CODE (4 digit #)	107	
COUNTY SAN MATEO COUNTY	108			
BUSINESS OPERATOR NAME TSUTOMU IMAMURA	109	BUSINESS OPERATOR PHONE (650) 363-4149	110	

II. BUSINESS OWNER

OWNER NAME COUNTY OF SAN MATEO, DEPT OF PUBLIC WORKS	111	OWNER PHONE (650) 363-4100	112	
OWNER MAILING ADDRESS 555 COUNTY CENTER, 5th FLOOR	113			
CITY REDWOOD CITY	114	STATE CA	115	ZIP CODE 94063-1665 116

III. ENVIRONMENTAL CONTACT

CONTACT NAME BOB RADCLIFFE	117	CONTACT PHONE (650) 599-1651	118	
CONTACT MAILING ADDRESS 752 CHESTNUT ST.	119			
CITY REDWOOD CITY	120	STATE CA	121	ZIP CODE 94063 122

PRIMARY:

IV. EMERGENCY CONTACTS

SECONDARY:

NAME ROBERT RADCLIFFE	123	NAME JOHN WISE	128	
TITLE VEHICLE & EQUIPMENT SERVICES MANAGER	124	TITLE MANAGEMENT ANALYST	129	
BUSINESS PHONE (650) 363-1651	125	BUSINESS PHONE (650) 599-7243	130	
24-HOUR PHONE (650) 355-8667	126	24-HOUR PHONE (650) 363-4000	131	
PAGER #	127	PAGER #	132	

ADDITIONAL LOCALLY COLLECTED INFORMATION: See Hazardous Materials Business Plan Addendum 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE <i>Robert Radcliffe</i>	DATE	134	NAME OF DOCUMENT PREPARER Jill Foley	135
NAME OF SIGNER (print) Robert R. Radcliffe	136	TITLE OF SIGNER Vehicle & Equipment Services Manager	137	

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HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
GRANT CORPORATION YARD

3

CHEMICAL LOCATION **LUBE ROOM**

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

FACILITY ID #

MAP # (optional) **1**

203

GRID # (optional) **2-D**
204

II. CHEMICAL INFORMATION

CHEMICAL NAME **PETROLEUM HYDROCARBON**

205 TRADE SECRET Yes No 206

If Subject to EPCRA, refer to instructions

COMMON NAME **HYDRAULIC OIL**

207 EHS* Yes No 208

CAS # **UNAVAILABLE**

209 *If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASS **COMBUSTIBLE LIQUID**

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE 211

RADIOACTIVE Yes No 212

CURIES 213

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS 214

LARGEST CONTAINER

215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT **30**

217 MAXIMUM STORAGE AMOUNT **55** 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNITS* (Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226		227 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	229
2 230		231 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	233
3 234		235 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237
4 238		239 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 240	241
5 242		243 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
GRANT CORPORATION YARD

CHEMICAL LOCATION **LUBE ROOM**

201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

FACILITY ID #

MAP # (optional) **1**

203

GRID # (optional) **2-D**

204

II. CHEMICAL INFORMATION

CHEMICAL NAME **PETROLEUM HYDROCARBON**

TRADE SECRET Yes No 205

If Subject to EPCRA, refer to instructions

COMMON NAME **TRANSMISSION OIL**

EHS* Yes No 207

CAS # **64742-65-0**

*If EHS is "Yes" all amounts below must be in lbs. 209

FIRE CODE HAZARD CLASS **COMBUSTIBLE LIQUID**

210

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 211

RADIOACTIVE Yes No 212

CURIES 213

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 214

LARGEST CONTAINER **110**

215

FED HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT **110** 217 MAXIMUM STORAGE AMOUNT **220** 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

<input checked="" type="checkbox"/> a. ABOVEGROUND TANK	<input type="checkbox"/> e. PLASTIC/NONMETALLIC DRUM	<input type="checkbox"/> i. FIBER DRUM	<input type="checkbox"/> m. GLASS BOTTLE	<input type="checkbox"/> q. RAIL CAR
<input type="checkbox"/> b. UNDERGROUND TANK	<input type="checkbox"/> f. CAN	<input type="checkbox"/> j. BAG	<input type="checkbox"/> n. PLASTIC BOTTLE	<input type="checkbox"/> r. OTHER
<input type="checkbox"/> c. TANK INSIDE BUILDING	<input type="checkbox"/> g. CARBOY	<input type="checkbox"/> k. BOX	<input type="checkbox"/> o. TOTE BIN	
<input type="checkbox"/> d. STEEL DRUM	<input type="checkbox"/> h. SILO	<input type="checkbox"/> l. CYLINDER	<input type="checkbox"/> p. TANK WAGON	

223

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226	NONE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 227	229
2 230		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 231	233
3 234		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	237
4 238		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 233	241
5 242		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 235	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

HAZARDOUS MATERIALS INVENTORY- CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) GRANT CORPORATION YARD				3
CHEMICAL LOCATION WASH RACK		201	CHEMICAL LOCATION CONFIDENTIAL - EPCRA <input type="checkbox"/> Yes <input type="checkbox"/> No 202	
FACILITY ID #	MAP # (optional) 1	203	GRID # (optional) 2-C	204

II. CHEMICAL INFORMATION

CHEMICAL NAME	205	TRADE SECRET <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 206
If Subject to EPCRA, refer to instructions		
COMMON NAME STEAM CLEANING COMP.	207	EHS* <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 208
CAS # MIXTURE	209	*If EHS is "Yes" all amounts below must be in lbs.
FIRE CODE HAZARD CLASS CORROSIVE-B	210	
HAZARDOUS MATERIAL TYPE (Check one item only) <input type="checkbox"/> a. PURE <input checked="" type="checkbox"/> b. MIXTURE <input type="checkbox"/> c. WASTE	211	RADIOACTIVE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 212
CURIES 213		
PHYSICAL STATE (Check one item only) <input type="checkbox"/> a. SOLID <input checked="" type="checkbox"/> b. LIQUID <input type="checkbox"/> c. GAS	214	LARGEST CONTAINER 55
215		
FED HAZARD CATEGORIES (Check all that apply) <input type="checkbox"/> a. FIRE <input type="checkbox"/> b. REACTIVE <input type="checkbox"/> c. PRESSURE RELEASE <input type="checkbox"/> d. ACUTE HEALTH <input type="checkbox"/> e. CHRONIC HEALTH	216	
AVERAGE DAILY AMOUNT 55	217	MAXIMUM STORAGE AMOUNT 55
		218
ANNUAL WASTE AMOUNT 110	219	
STATE WASTE CODE 220		
UNITS* (Check one item only) <input checked="" type="checkbox"/> a. GALLONS <input type="checkbox"/> b. CUBIC FEET <input type="checkbox"/> c. POUNDS <input type="checkbox"/> d. TONS	221	
* If EHS, amount must be in pounds.		
STORAGE CONTAINER (Check all that apply) <input type="checkbox"/> a. ABOVEGROUND TANK <input checked="" type="checkbox"/> e. PLASTIC/NONMETALLIC DRUM <input type="checkbox"/> i. FIBER DRUM <input type="checkbox"/> m. GLASS BOTTLE <input type="checkbox"/> q. RAIL CAR <input type="checkbox"/> b. UNDERGROUND TANK <input type="checkbox"/> f. CAN <input type="checkbox"/> j. BAG <input type="checkbox"/> n. PLASTIC BOTTLE <input type="checkbox"/> r. OTHER <input type="checkbox"/> c. TANK INSIDE BUILDING <input type="checkbox"/> g. CARBOY <input type="checkbox"/> k. BOX <input type="checkbox"/> o. TOTE BIN <input type="checkbox"/> d. STEEL DRUM <input type="checkbox"/> h. SILO <input type="checkbox"/> l. CYLINDER <input type="checkbox"/> p. TANK WAGON	223	
STORAGE PRESSURE <input checked="" type="checkbox"/> a. AMBIENT <input type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT	224	
STORAGE TEMPERATURE <input checked="" type="checkbox"/> a. AMBIENT <input type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT <input type="checkbox"/> d. CRYOGENIC	225	

%WT _T	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 10-20% 226	SODIUM HYDROXIDE	227 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	1310-73-2 229
2 5% 230	SODIUM SILICATE	231 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	1344-09-8 233
3 234		235 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 236	237
4 238		239 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 240	241
5 242		243 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

GRANT CORPORATION YARD

CHEMICAL LOCATION **LUBE ROOM**

201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

FACILITY ID #

MAP # (optional) **1**

203

GRID # (optional) **2-D**
204

II. CHEMICAL INFORMATION

CHEMICAL NAME **PETROLEUM HYDROCARBON**

TRADE SECRET Yes No 205

If Subject to EPCRA, refer to instructions

COMMON NAME **EP GREASE 2**

EHS* Yes No 207

CAS # **MIXTURE**

209
* If EHS is "Yes" all amounts below must be in lbs.

FIRE CODE HAZARD CLASS **COMBUSTIBLE LIQUID**

210

HAZARDOUS MATERIAL TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 211

RADIOACTIVE Yes No 212

CURIES 213

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 214

LARGEST CONTAINER **55**

215

FED HAZARD CATEGORIES (Check all that apply) a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT **55** 217

MAXIMUM STORAGE AMOUNT **110** 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221

DAYS ON SITE **365** 222

STORAGE CONTAINER (Check all that apply)

<input type="checkbox"/> a. ABOVEGROUND TANK	<input type="checkbox"/> e. PLASTIC/NONMETALLIC DRUM	<input type="checkbox"/> i. FIBER DRUM	<input type="checkbox"/> m. GLASS BOTTLE	<input type="checkbox"/> q. RAIL CAR
<input type="checkbox"/> b. UNDERGROUND TANK	<input type="checkbox"/> f. CAN	<input type="checkbox"/> j. BAG	<input type="checkbox"/> n. PLASTIC BOTTLE	<input type="checkbox"/> r. OTHER
<input type="checkbox"/> c. TANK INSIDE BUILDING	<input type="checkbox"/> g. CARBOY	<input type="checkbox"/> k. BOX	<input type="checkbox"/> o. TOTE BIN	
<input checked="" type="checkbox"/> d. STEEL DRUM	<input type="checkbox"/> h. SILO	<input type="checkbox"/> l. CYLINDER	<input type="checkbox"/> p. TANK WAGON	

223

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

#	%WT	226	HAZARDOUS COMPONENT (For mixture or waste only)	227	EHS	CAS #	228
1	37%	226	SPENT LUBE OIL	227	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	64742-50-3	229
2	32%	230	SOLVENT REFINED	231	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	64742-01-4	233
3	12%	234	HEAVY NAPHTENIC	235	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	64742-52-5	237
4		238		239	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		241
5		242		243	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) **GRANT CORPORATION YARD** 201

CHEMICAL LOCATION **WASH RACK** 201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

FACILITY ID # 203 MAP # (optional) **1** 203 GRID # (optional) **2-C AND 3-C** 204

II. CHEMICAL INFORMATION

CHEMICAL NAME **INHIBITED ETHYLENE GLYCOL** 205 TRADE SECRET Yes No 206
 If Subject to EPCRA, refer to instructions

COMMON NAME **ANTIFREEZE** 207 EHS* Yes No 208

CAS # **MIXTURE** 209 *If EHS is "Yes" all amounts below must be in lbs.

FIRE CODE HAZARD CLASS **OTHER REGULATED MATERIAL** 210

HAZARDOUS MATERIAL TYPE (Check one item only) a PURE b. MIXTURE c. WASTE 211 RADIOACTIVE Yes No 212 CURIES 213

PHYSICAL STATE (Check one item only) a SOLID b. LIQUID c. GAS 214 LARGEST CONTAINER **150** 215

FED HAZARD CATEGORIES (Check all that apply) a FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT **75** 217 MAXIMUM STORAGE AMOUNT **150** 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNITS* (Check one item only) a. GALLONS b. CUBIC FEET c. POUNDS d. TONS 221 DAYS ON SITE **365** 222
 * If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply) a. ABOVEGROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR 223
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 224

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 225

#	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #	
1	95%	ETHYLENE GLYCOL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	107-21-1	226
2	<5%	BORATES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1330-43-4	230
3	<5%	NITRATES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7632-00-0	234
4	<5%	SILICON COMPOUNDS	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	8834-92-0	238
5	<5%	WATER	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		242

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

OES Form 2731

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I: FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) **GRANT CORPORATION YARD** 3

CHEMICAL LOCATION **BEHIND COVERED STORAGE AREA "A"** 201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA Yes No 202

FACILITY ID # MAP # (optional) **1** 203 GRID # (optional) **C-6** 204

II: CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET Yes No 206
 If Subject to EPCRA, refer to instructions

COMMON NAME **PROPANE GAS** 207 EHS* Yes No 208

CAS # **74-98-6** 209 *If EHS is "Yes" all amounts below must be in lbs.

FIRE CODE HAZARD CLASS **FLAMMABLE LIQUID** 210

HAZARDOUS MATERIAL TYPE (Check one item only)	<input checked="" type="checkbox"/> a. PURE <input type="checkbox"/> b. MIXTURE <input type="checkbox"/> c. WASTE 211	RADIOACTIVE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 212	CURIES 213
PHYSICAL STATE (Check one item only)	<input type="checkbox"/> a. SOLID <input checked="" type="checkbox"/> b. LIQUID <input type="checkbox"/> c. GAS 214	LARGEST CONTAINER 499 GAL. 215	
FED HAZARD CATEGORIES (Check all that apply)	<input checked="" type="checkbox"/> a. FIRE <input type="checkbox"/> b. REACTIVE <input type="checkbox"/> c. PRESSURE RELEASE <input type="checkbox"/> d. ACUTE HEALTH <input type="checkbox"/> e. CHRONIC HEALTH 216		
AVERAGE DAILY AMOUNT 250 GAL.	MAXIMUM STORAGE AMOUNT 499 GAL. 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
UNITS* (Check one item only)	<input checked="" type="checkbox"/> a. GALLONS <input type="checkbox"/> b. CUBIC FEET <input type="checkbox"/> c. POUNDS <input type="checkbox"/> d. TONS * If EHS, amount must be in pounds. 221		DAYS ON SITE 365 222
STORAGE CONTAINER (Check all that apply)	<input checked="" type="checkbox"/> a. ABOVEGROUND TANK <input type="checkbox"/> e. PLASTIC/NONMETALLIC DRUM <input type="checkbox"/> i. FIBER DRUM <input type="checkbox"/> m. GLASS BOTTLE <input type="checkbox"/> q. RAIL CAR 223 <input type="checkbox"/> b. UNDERGROUND TANK <input type="checkbox"/> f. CAN <input type="checkbox"/> j. BAG <input type="checkbox"/> n. PLASTIC BOTTLE <input type="checkbox"/> r. OTHER <input type="checkbox"/> c. TANK INSIDE BUILDING <input type="checkbox"/> g. CARBOY <input type="checkbox"/> k. BOX <input type="checkbox"/> o. TOTE BIN <input type="checkbox"/> d. STEEL DRUM <input type="checkbox"/> h. SILO <input type="checkbox"/> l. CYLINDER <input type="checkbox"/> p. TANK WAGON		
STORAGE PRESSURE	<input type="checkbox"/> a. AMBIENT <input checked="" type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT 224		
STORAGE TEMPERATURE	<input checked="" type="checkbox"/> a. AMBIENT <input type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT <input type="checkbox"/> d. CRYOGENIC 225		

#	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	100 %	PROPANE	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	74-98-6
2			<input type="checkbox"/> Yes <input type="checkbox"/> No	
3			<input type="checkbox"/> Yes <input type="checkbox"/> No	
4			<input type="checkbox"/> Yes <input type="checkbox"/> No	
5			<input type="checkbox"/> Yes <input type="checkbox"/> No	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper indicating the required information.

HAZARDOUS MATERIALS BUSINESS PLAN ADDENDUM

BUSINESS NAME: Grant Corporation Yard, Roads

BUSINESS ADDRESS: 752 Chestnut Street, Redwood City, CA

In addition to the general business, chemical inventory and site map information, the San Mateo County Environmental Health Division (Division) requires completion of the following sections pertaining to spill prevention, emergency response, employee training and site closure. This addendum contains specific elements pertaining to the hazardous materials business plan, the hazardous waste contingency plan, stormwater pollution prevention, underground storage tank (UST) monitoring and unauthorized release response requirements.

SPILL PREVENTION PLAN

1. Describe how hazardous materials and/or wastes are handled, stored and monitored to prevent or minimize a spill or release from occurring (e.g., secondary containment, separation of incompatibles, daily visual monitoring).

Products are kept in closed containers and inspected daily for leaks and spillage. Whenever possible containers are double contained to reduce spill potential.

2. Describe operations, activities and/or storage locations where a release is most likely to occur that could significantly impact sensitive receptor sites.

Fuel dispensing island, where operators are potentially capable of causing inadvertent spills

3. Describe the Best Management Practices (BMPs) you use to reduce or eliminate illicit discharges of pollutants to the storm sewer system.

A – Double containment wherever necessary.

B – Spill containment area outside maintenance shop to control runoff into storm drain system.

C – Absorbent material and rags are located near potential spill areas.

4. Describe underground storage tank and/or aboveground storage tank monitoring procedures used to prevent an unauthorized release from occurring.

A – Daily sticking to monitor leaks.

B – Annual full system test on USTs.

C – Monthly SIRS.

EMERGENCY RESPONSE PLAN

1. Provide a list of all onsite emergency response equipment designated for a hazardous material and/or waste or UST emergency response (e.g., fire extinguishers, fire suppression systems, spill control equipment, shut-off switches, personal protective equipment, decontamination equipment, and communication and alarm systems.

<u>EQUIPMENT TYPE</u>	<u>LOCATION</u>	<u>CAPABILITY</u>
Fire extinguishers	See Site Map	Sufficient for Emergencies
Emergency Shut-Off Switches	See Site Map	Sufficient for Emergencies
Absorbent Materials & Rags	See Site Map	Sufficient for Emergencies
Shower & Eye Wash Stations	See Site Map	Sufficient for Emergencies

2. Describe emergency arrangements with local fire departments, police departments, hospitals, contractors, and other state and local emergency response agencies.

Workforce Medical (650) 556-9420, for Clinical Emergencies
Sequoia Hospital Emergency Room (650) 369-5811 OR
Nearest Hospital (Kaiser, (650) 299-2200

3. The definition of a release or threatened release includes incidents that pose a present or potential hazard to human health and safety, property or the environment. In the event of a hazardous material and/or waste release or threatened release, state law requires immediate verbal notification to the agencies listed below once any necessary emergency response procedures are initiated.
 - a. Local Fire Department
 - b. County Environmental Health
 - c. State Office of Emergency Services (OES)

Provide phone numbers other than 9-1-1 for the following:

Local Fire Department	Redwood City Fire (650) 780-7400
Local Police Department	Redwood City Police (650) 780-7100
Nearest Hospital	Kaiser Hospital (650) 299-2200
County Environmental Health	<u>(650)363-4305</u>
State Office of Emergency Services	<u>(800) 852-7550 or (916) 262-1621</u>

4. Describe notification procedures for onsite emergency response personnel and outside agencies (e.g., Fire, Health, Police, State OES) needed during emergency incidents requiring assistance beyond facility capabilities.

**VERBAL NOTIFICATION TO EMPLOYEES TO EVACUATE IF NECESSARY.
DAIL 9-1-1 TO REQUEST EMERGENCY ASSISTANCE.**

5. Describe any security system or device that could impede site access by emergency responders.

GATES, DOORS, LOCKS.

6. Describe procedures for notification and evacuation of visitors and employees during an emergency involving a hazardous material and/or waste. Primary and alternate evacuation routes and assembly areas must be clearly identified on the site map.

**VERBAL NOTIFICATION TO ALL EMPLOYEE STATIONS.
SEE ATTACHED SITE MAP.**

7. Describe mitigation procedures to be implemented by onsite personnel in the event of a release, threatened release, fire or explosion involving a hazardous material and/or waste. Indicate if the business has an onsite emergency response team (ERT) and if so, describe how the ERT will interact with outside emergency response agencies if additional assistance is required.

**SITE DOES NOT HAVE AN ON-SITE ERT, BUT EMPLOYEES ARE TRAINED TO WIPE
AND SWEEP MINOR SPILLS OF WASTE AND MATERIALS.**

8. Describe procedures for immediate inspection, isolation, and shutdown of mechanical or other systems that may be involved in a release or threatened release.

FUEL EMERGENCY SHUT-OFF SWITCHES FOR USTS AND PROPANE TANK.

EMPLOYEE TRAINING PLAN

All employees must receive training in how to respond to a hazardous material and/or waste emergency. Training may be tailored to each job classification since certain employees may not work with or around chemical products. New hires must receive initial training and existing employees must receive annual "refresher" training.

1. Describe employee training as it pertains to the following:
 - a. Safe handling or management of a hazardous material and/or waste
 - b. Notification and evacuation of onsite personnel
 - c. Notification of local emergency responders and other agencies
 - d. Use of emergency response equipment

- e. Implementation of emergency response procedures
- f. UST monitoring and release response procedures

UPON EMPLOYMENT, ALL EMPLOYEES MUST REVIEW SAFETY MATERIALS FOLDER WHICH CONTAINS MSDS, IIPP AND OTHER SAFETY RELATED MATERIALS. ANNUAL REFRESHER TRAINING IS REQUIRED OR WHEN NEW MATERIALS ARE INTRODUCED TO THE WORKPLACE.

- 2. Describe procedures for documenting employee training activities.

TRAINING IS DOCUMENTED BY EMPLOYEES SIGNING NAME AND DATE TO AUTHORIZE ACTUAL ATTENDANCE AT TRAINING.

CLOSURE PLAN

Contact San Mateo County Environmental Health if the business is closing or relocating. Failure to comply with appropriate closure requirements may lead to significant civil and criminal penalties.

- 1. Describe procedures that will be implemented in the event of a full or partial facility closure. Include procedures for agency notification, hazardous materials removal, hazardous waste disposal, site and equipment decontamination, UST removal or change of ownership.

SUPERVISOR WILL NOTIFY SAN MATEO COUNTY ENVIRONMENTAL HEALTH FOR CURRENT GUIDELINES PRIOR TO CLOSURE OF RELOCATION.

Rec. ID _____
Fee _____

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION
CERTIFIED UNIFIED PROGRAM AGENCY
455 County Center, 4th Floor, Redwood City, CA 94063
(650) 363-4305

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/REVIEW REPORT

Date: 8/25/00 Inspector: P. SMITH
Business Name: GRANT YARD
Business Address: 752 CHESTNUT ST
Contact Person: ROBERT RADCLIFFE

Phone No: 599-1651
City/Zip: RWC 94063
Title: _____

Hazardous Materials Business Plan Inspection Elements

In Compliance
YES NO NA

Business Owner/Operator Identification (HSC §25504)
(Facility info., owner info., emergency contacts, certification)

YES NO NA

Chemical Inventory (HSC §25509)
(Undisclosed chemicals, complete info.)

YES NO NA

Emergency Preparedness (HSC §25504)
(Spill prev., emergency notification/mitigation/evac. plan, adequate equipment)

YES NO NA

Employee Training (HSC §25504)
(Chemical safety, emergency response, documentation)

YES NO NA

Site Map (CCR Title 19 §2729)
(Chemical location, evac. route, assembly area, complete info.)

YES NO NA

HMBP On-site (HSC §25505)

YES NO NA

Aboveground Petroleum Storage Tank/SPCC Plan (HSC §25270)
(SPCC plan available, daily visual inspection conducted)

(?) YES NO NA

CalARP Program/RMP (CCR Title 19 Chapter 4.5)
(Registration submitted, RMP complete, RMP implemented)

YES NO NA

Notice to Comply: Please make any necessary corrections to the violations noted on this inspection report and submit proof of corrective action within 30 days from the inspection date. Two copies of the new or revised HMBP must be submitted upon request. Comments:

PLEASE COMPLETE HAZARDOUS MATERIALS BUSINESS PLAN USING NEW
FORMAT. SUBMIT 2 COPIES TO SMCEH WITHIN 60 DAYS AT THE ABOVE
ADDRESS AND MAINTAIN 1 COPY ON SITE. AGGREGATE STORAGE OF 1,320 GAL
OR GREATER OF PETROLEUM PRODUCTS IN ABOVE GROUND STORAGE TANKS

Robert Radcliffe Signature Robert Radcliffe Printed Name Vehic Equip Manager Title

REQUIRES A SPILL PREVENTION, CONTROL AND COUNTERMEASURE (SPCC PLAN).

File # _____
Fee _____

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION
590 Hamilton Street, 4th Floor, Redwood City, CA 94063
(415) 363-4305

Long Form _____

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/ REVIEW FORM

DATE: 10/30/97 INSPECTOR: BROWN
FACILITY NAME: GRANT YARD - PHONE NO: _____
FACILITY ADDRESS: 752 CHESTNUT CITY: AWC
CONTACT PERSON: _____ TITLE: _____

COMPLIANCE BUSINESS PLAN REQUIREMENTS COMMENTS
YES NO

—	—	BUSINESS INFORMATION (HSC §25504)	
		— Facility identification	_____
		— Contact information	_____
		— Business information	_____
		— Emergency contact information	_____
		— Certification	_____
—	—	CHEMICAL INVENTORY (HSC §25509)	
		— Previously undisclosed chemicals	_____
		— 100% increase in quantity	_____
		— Incomplete information	_____
		— Extremely Hazardous Materials Ident.	_____
—	—	EMERGENCY PREPAREDNESS (HSC §25504)	
		— Procedures to prevent release	_____
		— Procedures to control release	_____
		— Agency notification	_____
		— Employee notification/evacuation	_____
—	—	EMPLOYEE TRAINING (HSC §25504)	
		— Hazmat safety/emergency response	_____
		— Adequate for materials handled	_____
		— Documentation on site	_____
—	—	SITE MAPS (HSC §25504)	
		— Location of chemicals stored	_____
		— Evacuation routes/assembly areas	_____
		— Adequate info to describe facility	_____
—	—	HMBP ON-SITE (HSC §25505)	_____

Items checked represent a violation for which civil penalties ranging from \$2,000 to \$5,000 per violation per day may be assessed (HSC §25514). Please make corrections to the HMBP and submit TWO copies to the Environmental Health Division within 30 days of the inspection date or receipt of the review notice. Comments: _____

SIGNATURE PRINT NAME TITLE DATE

File # _____
Fee _____

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION
590 Hamilton Street, 4th Floor, Redwood City, CA 94063
(415) 363-4305

Long Form _____

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/ REVIEW FORM

DATE: 2/10/97 INSPECTOR: Brown
FACILITY NAME: Grant Yarn PHONE NO: _____
FACILITY ADDRESS: 752 Chagnut CITY: RWC
CONTACT PERSON: _____ TITLE: _____

COMPLIANCE **BUSINESS PLAN REQUIREMENTS** **COMMENTS**
YES **NO**

<input type="checkbox"/>	BUSINESS INFORMATION (HSC §25504)	
<input type="checkbox"/>	Facility identification	_____
<input type="checkbox"/>	Contact information	_____
<input type="checkbox"/>	Business information	_____
<input type="checkbox"/>	Emergency contact information	_____
<input type="checkbox"/>	Certification	_____
<input type="checkbox"/>	CHEMICAL INVENTORY (HSC §25509)	
<input type="checkbox"/>	Previously undisclosed chemicals	_____
<input type="checkbox"/>	100% increase in quantity	_____
<input type="checkbox"/>	Incomplete information	_____
<input type="checkbox"/>	Extremely Hazardous Materials Ident.	_____
<input type="checkbox"/>	EMERGENCY PREPAREDNESS (HSC §25504)	
<input type="checkbox"/>	Procedures to prevent release	_____
<input type="checkbox"/>	Procedures to control release	_____
<input type="checkbox"/>	Agency notification	_____
<input type="checkbox"/>	Employee notification/evacuation	_____
<input type="checkbox"/>	EMPLOYEE TRAINING (HSC §25504)	
<input type="checkbox"/>	Hazmat safety/emergency response	_____
<input type="checkbox"/>	Adequate for materials handled	_____
<input type="checkbox"/>	Documentation on site	_____
<input type="checkbox"/>	SITE MAPS (HSC §25504)	
<input type="checkbox"/>	Location of chemicals stored	_____
<input type="checkbox"/>	Evacuation routes/assembly areas	_____
<input type="checkbox"/>	Adequate info to describe facility	_____
<input type="checkbox"/>	HMBP ON-SITE (HSC §25505)	_____

Items checked represent a violation for which civil penalties ranging from \$2,000 to \$5,000 per violation per day may be assessed (HSC §25514). Please make corrections to the HMBP and submit **TWO** copies to the Environmental Health Division within **30 days** of the inspection date or receipt of the review notice. Comments: _____

SIGNATURE _____ PRINT NAME _____ TITLE _____ DATE _____

✓ AT

California Hazardous Materials Inventory Reporting Form - Business Owner/Operator Identification Page

CALANDER YEAR BEGINING 10/01/96 ENDING 10/01/99 PAGE 1 OF 1

BUSINESS NAME GRANT YARD, VEHICLE & EQUIPMENT BUSINESS PHONE (415) 363-4103

SITE ADDRESS 752 CHESTNUT

CITY REDWOOD CITY STATE CA ZIP 94063

DUN & BRADSTREET SIC (4 DIGIT #)

OPERATOR NAME TSUTOMU IMAMURA OPERATOR PHONE (415) 363-4149

OWNER INFORMATION

OWNER NAME COUNTY OF SAN MATEO OWNER PHONE (415) 363-4100

OWNER MAILING ADDRESS 10 TWIN DOLPHIN DRIVE, SUITE C-200

CITY REDWOOD CITY STATE CA ZIP 94065

ENVIRONMENTAL CONTACT

CONTACT NAME DERMOT CASEY CONTACT PHONE (415) 599-1468

MAILING ADDRESS 10 TWIN DOLPHIN DRIVE, SUITE C-200

CITY REDWOOD CITY STATE CA ZIP 94065

Primary EMERGENCY CONTACTS Secondary

NAME TSUTOMU IMAMURA

NAME CHRIS PORTER

TITLE ROAD MAINTENANCE MANAGER

TITLE ROAD MAINTENANCE MANAGER

BUSINESS PHONE (415) 363-4149

BUSINESS PHONE (415) 599-7218

24-HOUR PHONE (415) 363-4000

24-HOUR PHONE (415) 363-4000

PAGER #

PAGER #

ACUTELY HAZARDOUS MATERIALS (AHM)

ON SITE AHM NO If yes and above the Threshold Planning Quantities, attach a sheet of paper with a general description of the process and principal equipment.

ADDITIONALLY LOCALLY COLLECTED INFORMATION

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this inventory and believe the information is true, accurate, and complete.

Print Name of Document Preparer DERMOT CASEY

Signature of Owner/Operator Date 2/5/97

California Hazardous Materials Inventory Reporting Form - Business Owner/Operator Identification Page

CALANDER YEAR BEGINING ENDING PAGE 1 OF

BUSINESS NAME BUSINESS PHONE

SITE ADDRESS

CITY STATE ZIP

DUN & BRADSTREET SIC (4 DIGIT #)

OPERATOR NAME OPERATOR PHONE

OWNER INFORMATION

OWNER NAME OWNER PHONE

OWNER MAILING ADDRESS

CITY STATE ZIP

ENVIRONMENTAL CONTACT

CONTACT NAME CONTACT PHONE

MAILING ADDRESS

CITY STATE ZIP

Alternative

EMERGENCY CONTACTS

Alternative

NAME

NAME

TITLE

TITLE

BUSINESS PHONE

BUSINESS PHONE

24-HOUR PHONE

24-HOUR PHONE

PAGER #

PAGER #

ACUTELY HAZARDOUS MATERIALS (AHM)

ON SITE AHM If yes and above the Threshold Planning Quantities, attach a sheet of paper with a general description of the process and principal equipment.

ADDITIONALLY LOCALLY COLLECTED INFORMATION

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this inventory and believe the information is true, accurate, and complete.

Print Name of Document Preparer

Signature of Owner/Operator Date

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

ADD DELETE REVISE

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BUSINESS NAME **GRANT CORPORATION YARD**

CHEMICAL LOCATION **LUBE ROOM**

MAP # **1** GRID # **2-D**

CHEMICAL NAME **PETROLEUM HYDROCARBON** TRADE SECRET Y N

COMMON NAME **HYDRAULIC OIL** EHS* Y N

CAS # * IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN LBS.

FIRE CODE **COMBUSTABLE LIQUID**
HAZARD CLASSES

COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

TYPE PURE MIXTURE WASTE RADIOACTIVE Y N

PHYSICAL STATE SOLID LIQUID GAS CURIES

FED HAZARD CATAGORIES FIRE REACTIVE PRESSURE RELEASE ACUTE HEALTH CHRONIC HEALTH

STATE WASTE CODE UNITS * GAL CU FT MAX DAILY AMT **55**

DAYS ON SITE **365** LBS AVG DAILY AMT **30**

LARGEST CONTAINER **55** ANNUAL WASTE AMT

STORAGE CONTAINER

<input type="checkbox"/> ABOVE GROUND TANK	<input type="checkbox"/> CAN	<input type="checkbox"/> BOX	<input type="checkbox"/> TANK WAGON
<input type="checkbox"/> UNDER GROUND TANK	<input type="checkbox"/> CARBOY	<input type="checkbox"/> CYLINDER	<input type="checkbox"/> RAIL CAR
<input type="checkbox"/> TANK INSIDE BUILDING	<input type="checkbox"/> SILO	<input type="checkbox"/> GLASS BOTTLE	
<input checked="" type="checkbox"/> STEEL DRUM	<input type="checkbox"/> FIBER DRUM	<input type="checkbox"/> PLASTIC BOTTLE	
<input type="checkbox"/> PLASTIC/NONMETALIC DRUM	<input type="checkbox"/> BAG	<input type="checkbox"/> TOTE BIN	

STORAGE PRESSURE AMBIENT ABOVE AMBIENT BELOW AMBIENT

STORAGE TEMPERATURE AMBIENT ABOVE AMBIENT BELOW AMBIENT CRYOGENIC

% WEIGHT	HAZARDOUS COMPONENT	EHS	CAS #
1		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
2		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
3		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
4		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
5		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	

ADDITIONAL LOCALLY COLLECTED INFORMATION

SEE ADDENDUM TO CALIFORNIA HAZARDOUS MATERIALS INVENTORY REPORTING FORM (i.e., HAZARDOUS MATERIALS BUSINESS PLAN) INCLUDED HEREIN.

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

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BUSINESS NAME **GRANT CORPORATION YARD**

CHEMICAL LOCATION **UNDERGROUND STORAGE TANK**

MAP # **1** GRID # **4-E**

CHEMICAL NAME **PETROLEUM HYDROCARBON** TRADE SECRET Y N

COMMON NAME **DIESEL** EHS* Y N

CAS # **MIXTURE** * IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN LBS.

FIRE CODE **COMBUSTIBLE LIQUID**
HAZARD CLASSES

COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

TYPE PURE MIXTURE WASTE RADIOACTIVE Y N

PHYSICAL STATE SOLID LIQUID GAS CURIES

FED HAZARD CATAGORIES FIRE REACTIVE PRESSURE RELEASE ACUTE HEALTH CHRONIC HEALTH

STATE WASTE CODE UNITS * GAL CU FT LBS TONS MAX DAILY AMT **2,000**

DAYS ON SITE **365** AVG DAILY AMT **1,000**

LARGEST CONTAINER **2,000** ANNUAL WASTE AMT

STORAGE CONTAINER

<input type="checkbox"/> ABOVE GROUND TANK	<input type="checkbox"/> CAN	<input type="checkbox"/> BOX	<input type="checkbox"/> TANK WAGON
<input checked="" type="checkbox"/> UNDER GROUND TANK	<input type="checkbox"/> CARBOY	<input type="checkbox"/> CYLINDER	<input type="checkbox"/> RAIL CAR
<input type="checkbox"/> TANK INSIDE BUILDING	<input type="checkbox"/> SILO	<input type="checkbox"/> GLASS BOTTL	<input type="checkbox"/>
<input type="checkbox"/> STEEL DRUM	<input type="checkbox"/> FIBER DRUM	<input type="checkbox"/> PLASTIC BOTTLE	<input type="checkbox"/>
<input type="checkbox"/> PLASTIC/NONMETALIC DRUM	<input type="checkbox"/> BAG	<input type="checkbox"/> TOTE BIN	<input type="checkbox"/>

STORAGE PRESSURE AMBIENT ABOVE AMBIENT BELOW AMBIENT

STORAGE TEMPERATURE AMBIENT ABOVE AMBIENT BELOW AMBIENT CRYOGENIC

% WEIGHT	HAZARDOUS COMPONENT	EHS	CAS #
1 100	DIESEL	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	MIXTURE
2		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
3		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
4		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
5		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	

ADDITIONAL LOCALLY COLLECTED INFORMATION

SEE ADDENDUM TO CALIFORNIA HAZARDOUS MATERIALS INVENTORY REPORTING FORM (i.e., HAZARDOUS MATERIALS BUSINESS PLAN) INCLUDED HEREIN.

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

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BUSINESS NAME **GRANT CORPORATION YARD**

CHEMICAL LOCATION **UNDERGROUND STORAGE TANK**

MAP # **1** GRID # **4-E**

CHEMICAL NAME **PETROLEUM HYDROCARBON** TRADE SECRET Y N

COMMON NAME **UNLEADED GASOLINE** EHS* Y N

CAS # **MIXTURE** * IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN LBS.

FIRE CODE **FLAMMABLE LIQUID**
HAZARD CLASSES

COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

TYPE PURE MIXTURE WASTE RADIOACTIVE Y N

PHYSICAL STATE SOLID LIQUID GAS CURIES

FED HAZARD CATAGORIES FIRE REACTIVE PRESSURE RELEASE ACUTE HEALTH CHRONIC HEALTH

STATE WASTE CODE UNITS * GAL CU FT MAX DAILY AMT **6,000**

DAYS ON SITE **365** LBS TONS AVG DAILY AMT **3,000**

LARGEST CONTAINER **6,000** ANNUAL WASTE AMT

STORAGE CONTAINER

<input type="checkbox"/> ABOVE GROUND TANK	<input type="checkbox"/> CAN	<input type="checkbox"/> BOX	<input type="checkbox"/> TANK WAGON
<input checked="" type="checkbox"/> UNDER GROUND TANK	<input type="checkbox"/> CARBOY	<input type="checkbox"/> CYLINDER	<input type="checkbox"/> RAIL CAR
<input type="checkbox"/> TANK INSIDE BUILDING	<input type="checkbox"/> SILO	<input type="checkbox"/> GLASS BOTTL	
<input type="checkbox"/> STEEL DRUM	<input type="checkbox"/> FIBER DRUM	<input type="checkbox"/> PLASTIC BOTTLE	
<input type="checkbox"/> PLASTIC/NONMETALIC DRUM	<input type="checkbox"/> BAG	<input type="checkbox"/> TOTE BIN	

STORAGE PRESSURE AMBIENT ABOVE AMBIENT BELOW AMBIENT

STORAGE TEMPERATURE AMBIENT ABOVE AMBIENT BELOW AMBIENT CRYOGENIC

% WEIGHT	HAZARDOUS COMPONENT	EHS	CAS #
1 100	GASOLINE	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	MIXTURE
2		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
3		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
4		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
5		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	

ADDITIONAL LOCALLY COLLECTED INFORMATION

SEE ADDENDUM TO CALIFORNIA HAZARDOUS MATERIALS INVENTORY REPORTING FORM (i.e., HAZARDOUS MATERIALS BUSINESS PLAN) INCLUDED HEREIN.

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

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BUSINESS NAME **GRANT CORPORATION YARD**

CHEMICAL LOCATION **LUBE ROOM** *col*

MAP # **1** GRID # **2-D**

CHEMICAL NAME **PETROLEUM HYDROCARBON** TRADE SECRET Y N

COMMON NAME **TRANSMISSION OIL** EHS* Y N

CAS # **64742-65-0** * IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN LBS.

FIRE CODE HAZARD CLASSES **COMBUSTIBLE LIQUID**

COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

TYPE PURE MIXTURE WASTE RADIOACTIVE Y N

PHYSICAL STATE SOLID LIQUID GAS CURIES

FED HAZARD CATAGORIES FIRE REACTIVE PRESSURE RELEASE ACUTE HEALTH CHRONIC HEALTH

STATE WASTE CODE UNITS * GAL MAX DAILY AMT **220**

DAYS ON SITE **365** CU FT AVG DAILY AMT **100**

LARGEST CONTAINER **110** LBS ANNUAL WASTE AMT

STORAGE CONTAINER ABOVE GROUND TANK CAN BOX TANK WAGON
 UNDER GROUND TANK CARBOY CYLINDER RAIL CAR
 TANK INSIDE BUILDING SILO GLASS BOTTLE
 STEEL DRUM FIBER DRUM PLASTIC BOTTLE
 PLASTIC/NONMETALIC DRUM BAG TOTE BIN

STORAGE PRESSURE AMBIENT ABOVE AMBIENT BELOW AMBIENT

STORAGE TEMPERATURE AMBIENT ABOVE AMBIENT BELOW AMBIENT CRYOGENIC

% WEIGHT	HAZARDOUS COMPONENT	EHS	CAS #
1	NONE	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/>
2		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/>
3		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/>
4		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/>
5		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/>

ADDITIONAL LOCALLY COLLECTED INFORMATION

SEE ADDENDUM TO CALIFORNIA HAZARDOUS MATERIALS INVENTORY REPORTING FORM (i.e., HAZARDOUS MATERIALS BUSINESS PLAN) INCLUDED HEREIN.

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

ADD DELETE REVISE

PAGE OF

BUSINESS NAME **GRANT CORPORATION YARD**

CHEMICAL LOCATION **PARTS CLEANING ROOM 204**

MAP # **1** GRID # **2-C**

CHEMICAL NAME **MINERAL SPIRITS** TRADE SECRET Y N

COMMON NAME **MINERAL SPIRITS** EHS* Y N

CAS # **SAFETY KLEEN** * IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN LBS.

FIRE CODE **FLAMMABLE LIQUID**
HAZARD CLASSES

COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

TYPE PURE MIXTURE WASTE RADIOACTIVE Y N

PHYSICAL STATE SOLID LIQUID GAS CURIES

FED HAZARD CATEGORIES FIRE REACTIVE PRESSURE RELEASE ACUTE HEALTH CHRONIC HEALTH

STATE WASTE CODE UNITS * GAL CU FT MAX DAILY AMT **45**

DAYS ON SITE **365** LBS TONS AVG DAILY AMT **20**

LARGEST CONTAINER **15** ANNUAL WASTE AMT

STORAGE CONTAINER ABOVE GROUND TANK CAN BOX TANK WAGON
 UNDER GROUND TANK CARBOY CYLINDER RAIL CAR
 TANK INSIDE BUILDING SILO GLASS BOTTL BATTERY
 STEEL DRUM FIBER DRUM PLASTIC BOTTLE
 PLASTIC/NONMETALIC DRUM BAG TOTE BIN

STORAGE PRESSURE AMBIENT ABOVE AMBIENT BELOW AMBIENT

STORAGE TEMPERATURE AMBIENT ABOVE AMBIENT BELOW AMBIENT CRYOGENIC

% WEIGHT	HAZARDOUS COMPONENT	EHS	CAS #
1 85	MINERAL SPIRITS	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	64741-41-9
2 12	AROMATICS	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	MIXTURE
3 1	XYLENE	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1330-20-7
4 .5	TOLUENE	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	108-88-3
5 .5	ETHYL BENZENE	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	100-41-4

ADDITIONAL LOCALLY COLLECTED INFORMATION

SEE ADDENDUM TO CALIFORNIA HAZARDOUS MATERIALS INVENTORY REPORTING FORM (i.e., HAZARDOUS MATERIALS BUSINESS PLAN) INCLUDED HEREIN.

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

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BUSINESS NAME **GRANT CORPORATION YARD**

CHEMICAL LOCATION **WASH RACK *002***

MAP # **1** GRID # **2-C**

CHEMICAL NAME TRADE SECRET Y X N

COMMON NAME **STEAM CLEANING COMP.** EHS* Y X N

CAS # **MIXTURE** * IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN LBS.

FIRE CODE **CORROSIVE-B**
HAZARD CLASSES

COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

TYPE PURE MIXTURE WASTE RADIOACTIVE Y X N

PHYSICAL STATE SOLID LIQUID GAS CURIES

FED HAZARD CATAGORIES FIRE REACTIVE PRESSURE RELEASE ACUTE HEALTH CHRONIC HEALTH

STATE WASTE CODE UNITS * GAL CU FT MAX DAILY AMT **55**

DAYS ON SITE **365** LBS AVG DAILY AMT **55**

LARGEST CONTAINER **55** ANNUAL WASTE AMT **110**

STORAGE CONTAINER ABOVE GROUND TANK CAN BOX TANK WAGON
 UNDER GROUND TANK CARBOY CYLINDER RAIL CAR
 TANK INSIDE BUILDING SILO GLASS BOTTL
 STEEL DRUM FIBER DRUM PLASTIC BOTTLE
 PLASTIC/NONMETALIC DRUM BAG TOTE BIN

STORAGE PRESSURE AMBIENT ABOVE AMBIENT BELOW AMBIENT

STORAGE TEMPERATURE AMBIENT ABOVE AMBIENT BELOW AMBIENT CRYOGENIC

% WEIGHT	HAZARDOUS COMPONENT	EHS	CAS #
1 10-20	SODIUM HYDROXIDE	<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	1310-73--2
2 5	SODIUM SILICATE	<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	1344-09-8
3		<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	
4		<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	
5		<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	

ADDITIONAL LOCALLY COLLECTED INFORMATION

SEE ADDENDUM TO CALIFORNIA HAZARDOUS MATERIALS INVENTORY REPORTING FORM (i.e., HAZARDOUS MATERIALS BUSINESS PLAN) INCLUDED HEREIN.

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

ADD DELETE REVISE

PAGE OF

V 18

BUSINESS NAME **GRANT CORPORATION YARD**

CHEMICAL LOCATION **LUBE ROOM** *cd*

MAP # **1** GRID # **2-D**

CHEMICAL NAME **PETROLEUM HYDROCARBON** TRADE SECRET Y N

COMMON NAME **EP GREASE 2** EHS* Y N

CAS # **MIXTURE** * IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN LBS.

FIRE CODE **CUMBUSTIBLE LIQUID**
HAZARD CLASSES

COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

TYPE PURE MIXTURE WASTE RADIOACTIVE Y N

PHYSICAL STATE SOLID LIQUID GAS CURIES

FED HAZARD CATAGORIES FIRE REACTIVE PRESSURE RELEASE ACUTE HEALTH CHRONIC HEALTH

STATE WASTE CODE UNITS * GAL CU FT MAX DAILY AMT **110**

DAYS ON SITE **365** LBS AVG DAILY AMT **55**

LARGEST CONTAINER **55** ANNUAL WASTE AMT

STORAGE CONTAINER
 ABOVE GROUND TANK CAN BOX TANK WAGON
 UNDER GROUND TANK CARBOY CYLINDER RAIL CAR
 TANK INSIDE BUILDING SILO GLASS BOTTL
 STEEL DRUM FIBER DRUM PLASTIC BOTTLE
 PLASTIC/NONMETALIC DRUM BAG TOTE BIN

STORAGE PRESSURE AMBIENT ABOVE AMBIENT BELOW AMBIENT

STORAGE TEMPERATURE AMBIENT ABOVE AMBIENT BELOW AMBIENT CRYOGENIC

% WEIGHT	HAZARDOUS COMPONENT	EHS	CAS #
1 37	SPENT LUBE OIL	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	64742-50-3
2 32	SOLVENT REVINED	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	64742-01-4
3 12	HEAVY NAPHTENIC	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	64742-52-5
4		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
5		<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	

ADDITIONAL LOCALLY COLLECTED INFORMATION

SEE ADDENDUM TO CALIFORNIA HAZARDOUS MATERIALS INVENTORY REPORTING FORM (i.e., HAZARDOUS MATERIALS BUSINESS PLAN) INCLUDED HEREIN.

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

ADD DELETE REVISE

PAGE OF

✓ *AT*

BUSINESS NAME **GRANT CORPORATION YARD**

CHEMICAL LOCATION **WASH RACK**

MAP # **2-C** GRID # **3-C**

CHEMICAL NAME **INHIBITED ETHYLENE GLYCOL** TRADE SECRET Y X N

COMMON NAME **ANTIFREEZE** EHS* Y X N

CAS # **MIXTURE** * IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN LBS.

FIRE CODE **OTHER REGULATED MATERIAL**
HAZARD CLASSES

COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

TYPE PURE MIXTURE WASTE RADIOACTIVE Y X N

PHYSICAL STATE SOLID LIQUID GAS CURIES

FED HAZARD CATAGORIES FIRE REACTIVE PRESSURE RELEASE ACUTE HEALTH CHRONIC HEALTH

STATE WASTE CODE UNITS * GAL CU FT LBS TONS MAX DAILY AMT **150**

DAYS ON SITE **365** AVG DAILY AMT **75**

LARGEST CONTAINER **150** ANNUAL WASTE AMT

STORAGE CONTAINER ABOVE GROUND TANK CAN BOX TANK WAGON
 UNDER GROUND TANK CARBOY CYLINDER RAIL CAR
 TANK INSIDE BUILDING SILO GLASS BOTTL
 STEEL DRUM FIBER DRUM PLASTIC BOTTLE
 PLASTIC/NONMETALIC DRUM BAG TOTE BIN

STORAGE PRESSURE AMBIENT ABOVE AMBIENT BELOW AMBIENT

STORAGE TEMPERATURE AMBIENT ABOVE AMBIENT BELOW AMBIENT CRYOGENIC

% WEIGHT	HAZARDOUS COMPONENT	EHS	CAS #
1 95%	ETHYLENE GLYCOL	<input type="checkbox"/> Y <input type="checkbox"/> X <input type="checkbox"/> N	107-21-1
2 <5%	BORATES	<input type="checkbox"/> Y <input type="checkbox"/> X <input type="checkbox"/> N	1330-43-4
3 <5%	NITRATES	<input type="checkbox"/> Y <input type="checkbox"/> X <input type="checkbox"/> N	7632-00-0
4 <5%	SILICON COMPOUNDS	<input type="checkbox"/> Y <input type="checkbox"/> X <input type="checkbox"/> N	8834-92-0
5 <5%	WATER	<input type="checkbox"/> Y <input type="checkbox"/> X <input type="checkbox"/> N	

ADDITIONAL LOCALLY COLLECTED INFORMATION

SEE ADDENDUM TO CALIFORNIA HAZARDOUS MATERIALS INVENTORY REPORTING FORM (i.e., HAZARDOUS MATERIALS BUSINESS PLAN) INCLUDED HEREIN.

HAZARDOUS MATERIALS BUSINESS PLAN ADDENDUM

BUSINESS NAME: GRANT CORPORATION YARD (ROADS)
BUSINESS ADDRESS: 752 CHESTNUT STREET, REDWOOD CITY

In addition to the general business, chemical inventory and site map information, the San Mateo County Environmental Health Division requires completion of the following sections pertaining to spill prevention, emergency response, employee training and site closure. This addendum contains specific elements pertaining to the hazardous materials business plan, the hazardous waste contingency plan, storm water pollution prevention, underground storage tank (UST) monitoring and unauthorized release response requirements.

SPILL PREVENTION PLAN

1. Describe how hazardous materials and/or wastes are handled, stored and monitored to prevent a spill or release from occurring.

PRODUCTS ARE KEPT IN CLOSED CONTAINERS AND INSPECTED DAILY FOR LEAKS AND SPILLAGE. WHENEVER POSSIBLE, CONTAINERS ARE DOUBLE CONTAINED TO REDUCE SPILL POTENTIAL.

2. Describe operations, activities and/or storage locations where a release is most likely to occur.

FUEL DISPENSING ISLAND, WHERE OPERATORS ARE POTENTIALLY CAPABLE OF CAUSING INADVERTENT SPILLS.

3. Describe the Best Management Practices (BMPs) you use to reduce or eliminate illicit discharges to the storm sewer system.

A - DOUBLE CONTAINMENT WHERE EVER NECESSARY.

B - SPILL CONTAINMENT AREA OUTSIDE MAINTENANCE SHOP TO CONTROL RUNOFF INTO STORM DRAIN SYSTEM

C - ABSORBENT MATERIAL AND RAGS ARE LOCATED NEAR POTENTIAL SPILL AREAS.

4. Describe UST monitoring procedures used to prevent an unauthorized release from occurring.

A - DAILY STICKING TO MONITOR LEAKS

B - ANNUAL FULL SYSTEM TEST ON USTS

C- MONTHLY SIRS

EMERGENCY RESPONSE PLAN

1. Provide a list of all on-site emergency response equipment designated for a hazardous material and/or waste or UST emergency response. Examples of equipment include fire extinguishers, fire suppression systems, spill control equipment, UST pump shut-off switches, personal protective equipment and communication and alarm systems.

EQUIPMENT TYPE

LOCATION

FIRE EXTINGUISHERS

EMERGENCY SHUT OFF SWITCH

ABSORBENT MATERIALS AND RAGS

SHOWER AND EYE WASH STATIONS

2. Identify local emergency medical providers to be used during a hazardous material and/or waste emergency.

SEQUOIA OCCUPATIONAL HEALTH SERVICES FOR CLINICAL EMERGENCIES AND KAISER HOSPITAL FOR EMERGENCY HOSPITALIZATION.

3. The definition of a release or threatened release includes incidents that pose a present or potential hazard to human health and safety, property or the environment. In the event of a hazardous material and/or waste release or threatened release, state law requires immediate verbal notification to the agencies listed below once any necessary emergency response procedures are initiated.

- a. Local Fire Department
- b. County Environmental Health
- c. State Office of Emergency Services

Provide phone numbers other than 9-1-1 for the following:

Local Fire Department	(415) 780-7400	CITY OF REDWOOD CITY
Local Police Department	(415) 780-7100	
Nearest Hospital	(415) 299-2200	KAISER, 1150 VETERANS
County Environmental Health	(415)363-4305	
State Office of Emergency Services	(800)852-7550 or (916)262-1621	

4. Describe notification procedures for on-site emergency response personnel and agencies (e.g., Fire, Health, Police, State OES) during emergency incidents requiring outside assistance.

**VERBAL NOTIFICATION TO EMPLOYEES TO EVACUATE IF NECESSARY.
DIAL 9-1-1 TO REQUEST EMERGENCY ASSISTANCE.**

5. Describe any security system or device that could impede site access by emergency responders.

GATES, DOORS, LOCKS.

6. Describe procedures for notification and evacuation of visitors and employees on-site during an emergency involving a hazardous material and/or waste. Evacuation routes and assembly areas must be clearly identified on the site map.

**VERBAL NOTIFICATION TO ALL EMPLOYEE STATIONS.
SEE ATTACHED SITE MAP.**

7. Describe mitigation procedures to be implemented by on-site personnel in the event of a release, threatened release, fire or explosion involving a hazardous material and/or waste. Indicate if the business has an on-site emergency response team (ERT) and if so, describe how this ERT would interact with the County's ERT if outside assistance is required.

SITE DOES NOT HAVE AN ON-SITE ERT, BUT EMPLOYEES ARE TRAINED TO WIPE AND SWEEP MINOR SPILLS OF WASTE AND MATERIALS.

8. Describe procedures for immediate inspection, isolation and shut-down of mechanical or other systems which are involved in a release or threatened release.

FUEL EMERGENCY SHUT OFF SWITCH FOR USTS.

EMPLOYEE TRAINING PLAN

All employees must receive training in how to respond to a hazardous material and/or waste emergency. Training may be tailored to each job classification since certain employees may not work with or around chemical products. New hires must receive initial training and existing employees must receive annual "refresher" training.

1. Describe employee training as it pertains to the following:
 - a. Safe handling of a hazardous material and/or waste
 - b. Notification and evacuation of on-site personnel
 - c. Notification of local emergency responders and other agencies
 - d. Use of emergency response equipment
 - e. Implementation of emergency response procedures
 - f. UST monitoring and release response procedures

UPON EMPLOYMENT, ALL EMPLOYEES MUST REVIEW SAFETY MATERIALS FOLDER WHICH CONTAINS MSDS, IPP AND OTHER SAFETY RELATED MATERIALS. ANNUAL REFRESHER TRAINING IS REQUIRED OR WHEN NEW MATERIALS ARE INTRODUCED TO THE WORKPLACE.

2. Describe procedures for documenting employee training activities.

TRAINING IS DOCUMENTED BY EMPLOYEES SIGNING NAME AND DATE TO AUTHORIZE ACTUAL ATTENDANCE AT TRAINING.

CLOSURE PLAN

San Mateo County Environmental Health must be contacted by a business representative if the business is closing or relocating. Failure to comply with appropriate closure requirements may lead to significant civil and criminal penalties.

1. Describe procedures that would be implemented in the event of a full or partial facility closure. Include procedures for agency notification, hazardous materials removal, hazardous waste disposal, site decontamination, UST removal or change of ownership.

SUPERVISOR WILL NOTIFY SAN MATEO COUNTY ENVIRONMENTAL HEALTH FOR CURRENT GUIDELINES PRIOR TO CLOSURE OR RE-LOCATION.

File # _____
Fee _____

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION
590 Hamilton Street, 4th Floor, Redwood City, CA 94063
(415) 363-4305

Long Form _____

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/ REVIEW FORM

DATE: 12/6/96 INSPECTOR: STRAWIN
FACILITY NAME: COUNTY COOP 420 PHONE NO: _____
FACILITY ADDRESS: 952 CHERRY CITY: MCC
CONTACT PERSON: R RAOCLIFFE TITLE: _____

COMPLIANCE **BUSINESS PLAN REQUIREMENTS** **COMMENTS**
YES NO

—	—	BUSINESS INFORMATION (HSC §25504)	
—	—	Facility identification	_____
—	—	Contact information	_____
—	—	Business information	_____
—	—	Emergency contact information	_____
—	—	Certification	_____
—	—	CHEMICAL INVENTORY (HSC §25509)	
—	—	Previously undisclosed chemicals	_____
—	—	100% increase in quantity	_____
—	—	Incomplete information	_____
—	—	Extremely Hazardous Materials Ident.	_____
—	—	EMERGENCY PREPAREDNESS (HSC §25504)	
—	—	Procedures to prevent release	_____
—	—	Procedures to control release	_____
—	—	Agency notification	_____
—	—	Employee notification/evacuation	_____
—	—	EMPLOYEE TRAINING (HSC §25504)	
—	—	Hazmat safety/emergency response	_____
—	—	Adequate for materials handled	_____
—	—	Documentation on site	_____
—	—	SITE MAPS (HSC §25504)	
—	—	Location of chemicals stored	_____
—	—	Evacuation routes/assembly areas	_____
—	—	Adequate info to describe facility	_____
—	—	HMBP ON-SITE (HSC §25505)	_____

Items checked represent a violation for which civil penalties ranging from \$2,000 to \$5,000 per violation per day may be assessed (HSC §25514). Please make corrections to the HMBP and submit TWO copies to the Environmental Health Division within 30 days of the inspection date or receipt of the review notice. Comments: _____

JD DATE ON NEW FORMS

SIGNATURE PRINT NAME TITLE DATE

File # _____
Fee _____

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION
590 Hamilton Street, 4th Floor, Redwood City, CA 94063
(415) 363-4305

Long Form _____

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/ REVIEW FORM

DATE: 10/23/95 INSPECTOR: Brown
FACILITY NAME: COUNTY CORP YARD PHONE NO: 363-4145
FACILITY ADDRESS: 752 CHESTNUT CITY: RWC
CONTACT PERSON: BOB RADCLIFF TITLE: SAVING MGR

COMPLIANCE **BUSINESS PLAN REQUIREMENTS** **COMMENTS**
YES NO

- BUSINESS INFORMATION (HSC §25504)**
 - Facility identification
 - Contact information
 - Business information
 - Emergency contact information
 - Certification
- CHEMICAL INVENTORY (HSC §25509)**
 - Previously undisclosed chemicals
 - 100% increase in quantity
 - Incomplete information
 - Extremely Hazardous Materials Ident.
- EMERGENCY PREPAREDNESS (HSC §25504)**
 - Procedures to prevent release
 - Procedures to control release
 - Agency notification
 - Employee notification/evacuation
- EMPLOYEE TRAINING (HSC §25504)**
 - Hazmat safety/emergency response
 - Adequate for materials handled
 - Documentation on site
- SITE MAPS (HSC §25504)**
 - Location of chemicals stored
 - Evacuation routes/assembly areas
 - Adequate info to describe facility
- HMBP ON-SITE (HSC §25505)**

UPDATE CONTACT INFO

GRANT CORPORATION YARD
752 CHESTNUT STREET
REDWOOD CITY, CA 94063

PHONE: (415) 599-1651
FAX: (415) 366-7238



ROBERT RADCLIFFE
VEHICLE AND EQUIPMENT SERVICES MANAGER
DEPARTMENT OF PUBLIC WORKS
COUNTY OF SAN MATEO

Items checked represent a violation for which civil penalties ranging from \$2,000 to \$5,000 per violation per day may be assessed (HSC §25514). Please make corrections to the HMBP and submit TWO copies to the Environmental Health Division within 30 days of the inspection date or receipt of the review notice. Comments: _____

SIGNATURE _____ PRINT NAME _____ TITLE _____ DATE _____

File # _____
Fee _____

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION
590 Hamilton Street, 4th Floor, Redwood City, CA 94063
(415) 363-4305

Long Form _____

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/ REVIEW FORM

DATE: 3/1/95 INSPECTOR: BALOWIN
FACILITY NAME: COUNTY CORP YARD PHONE NO: 313-4145
FACILITY ADDRESS: 752 CHESTNUT CITY: AWC
CONTACT PERSON: BOB RADELIFFE TITLE: SAUCE MAN

COMPLIANCE **BUSINESS PLAN REQUIREMENTS** **COMMENTS**
YES **NO**

<input type="checkbox"/>	BUSINESS INFORMATION (HSC §25504)	
<input type="checkbox"/>	- Facility identification	_____
<input type="checkbox"/>	- Contact information	_____
<input type="checkbox"/>	- Business information	_____
<input type="checkbox"/>	- Emergency contact information	_____
<input type="checkbox"/>	- Certification	_____
<input type="checkbox"/>	CHEMICAL INVENTORY (HSC §25509)	
<input type="checkbox"/>	- Previously undisclosed chemicals	_____
<input type="checkbox"/>	- 100% increase in quantity	_____
<input type="checkbox"/>	- Incomplete information	_____
<input type="checkbox"/>	- Extremely Hazardous Materials Ident.	_____
<input type="checkbox"/>	EMERGENCY PREPAREDNESS (HSC §25504)	
<input type="checkbox"/>	- Procedures to prevent release	_____
<input type="checkbox"/>	- Procedures to control release	_____
<input type="checkbox"/>	- Agency notification	_____
<input type="checkbox"/>	- Employee notification/evacuation	_____
<input type="checkbox"/>	EMPLOYEE TRAINING (HSC §25504)	
<input type="checkbox"/>	- Hazmat safety/emergency response	_____
<input type="checkbox"/>	- Adequate for materials handled	_____
<input type="checkbox"/>	- Documentation on site	_____
<input type="checkbox"/>	SITE MAPS (HSC §25504)	
<input type="checkbox"/>	- Location of chemicals stored	_____
<input type="checkbox"/>	- Evacuation routes/assembly areas	_____
<input type="checkbox"/>	- Adequate info to describe facility	_____
<input checked="" type="checkbox"/>	HMBP ON-SITE (HSC §25505)	_____

REVIEW CHEMICAL
LOCATIONS - UPDATE
IF NEEDED

Items checked represent a violation for which civil penalties ranging from \$2,000 to \$5,000 per violation per day may be assessed (HSC §25514). Please make corrections to the HMBP and submit TWO copies to the Environmental Health Division within 30 days of the inspection date or receipt of the review notice. Comments: _____

SIGNATURE

PRINT NAME

TITLE

DATE



*Boyd
DPW/ISS*

BOYD W. SCHAUER
LEAD EQUIPMENT MECHANIC
DEPARTMENT OF PUBLIC WORKS, COUNTY OF SAN MATEO

GRANT CORPORATION YARD
752 CHESTNUT STREET
REDWOOD CITY, CALIF. 94063

(415) 363-4145
(415) 363-4147
FAX (415) 366-7238

File # 337303
Fee _____

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION
590 Hamilton Street, 4th Floor, Redwood City, CA 94063
(415) 363-4305

Long Form _____

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/ REVIEW FORM

DATE: 11/7/93 INSPECTOR: BALDWIN
FACILITY NAME: GRANT CARP. YARD PHONE NO: 363-4145
FACILITY ADDRESS: 752 CHESTNUT CITY: RWC
CONTACT PERSON: R. RADELIFF TITLE: MGR

<u>COMPLIANCE</u>		<u>BUSINESS PLAN REQUIREMENTS</u>	<u>COMMENTS</u>
YES	NO		
—	—	BUSINESS INFORMATION (HSC §25504)	
—	—	— Facility identification	_____
—	—	— Contact information	_____
—	—	— Business information	_____
—	—	— Emergency contact information	_____
—	—	— Certification	_____
—	—	CHEMICAL INVENTORY (HSC §25509)	
—	—	— Previously undisclosed chemicals	_____
—	—	— 100% increase in quantity	_____
—	—	— Incomplete information	_____
—	—	— Extremely Hazardous Materials Ident.	_____
—	—	EMERGENCY PREPAREDNESS (HSC §25504)	
—	—	— Procedures to prevent release	_____
—	—	— Procedures to control release	_____
—	—	— Agency notification	_____
—	—	— Employee notification/evacuation	_____
—	—	EMPLOYEE TRAINING (HSC §25504)	
—	—	— Hazmat safety/emergency response	_____
—	—	— Adequate for materials handled	_____
—	—	— Documentation on site	_____
—	—	SITE MAPS (HSC §25504)	
—	—	— Location of chemicals stored	_____
—	—	— Evacuation routes/assembly areas	_____
—	—	— Adequate info to describe facility	_____
—	—	HMBP ON-SITE (HSC §25505)	_____

INSURE ANNUAL TRAINING

Items checked represent a violation for which civil penalties ranging from \$2,000 to \$5,000 per violation per day may be assessed, (HSC §25514). Please make corrections to the HMBP and submit TWO copies to the Environmental Health Division within 30 days of the inspection date or receipt of the review notice. Comments: _____

SIGNATURE _____ PRINT NAME _____ TITLE _____ DATE _____



Pony 67 R00

ROBERT RADCLIFFE
EQUIPMENT SERVICES MANAGER
DEPARTMENT OF PUBLIC WORKS, COUNTY OF SAN MATEO

GRANT CORPORATION YARD
752 CHESTNUT STREET
REDWOOD CITY, CALIF. 94063

(415) 363-4145
(415) 363-4147
FAX (415) 366-7238

File # NB
Fee 003

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION
590 Hamilton Avenue, Redwood City, CA 94063
(415) 363-4305

Sent to Fire _____

5337303

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/ REVIEW FORM

DATE: 11/4/91 INSPECTOR: BROWN
FACILITY NAME: COUNTY OF SAN MATEO - GRANT CORP 4/120
ADDRESS: 757 Chestnut
CITY: RWL
CONTACT PERSON: B. RADCLIFFE TITLE: Equip Serv. Mgr

COMPLIANCE	BUSINESS PLAN REQUIREMENTS	COMMENTS
<input type="checkbox"/>	BUSINESS INFORMATION (25505 & 25510)	<u>ALL IN COMPLIANCE</u>
<input type="checkbox"/>	<input type="checkbox"/> Business information	
<input type="checkbox"/>	<input type="checkbox"/> Location information	
<input type="checkbox"/>	<input type="checkbox"/> Property owner information	
<input type="checkbox"/>	<input type="checkbox"/> Emergency contact information	
<input type="checkbox"/>	<input type="checkbox"/> Plan available for inspection	
<input type="checkbox"/>	INVENTORY INFORMATION (25509)	
<input type="checkbox"/>	<input type="checkbox"/> Previously undisclosed chemicals	
<input type="checkbox"/>	<input type="checkbox"/> 100% increase in quantity	
<input type="checkbox"/>	<input type="checkbox"/> Incomplete information (comply w/SARA)	
<input type="checkbox"/>	<input type="checkbox"/> Acutely Hazardous Materials Reg. Form	
<input type="checkbox"/>	EMERGENCY PLAN (25504)	
<input type="checkbox"/>	<input type="checkbox"/> Long Form required	
<input type="checkbox"/>	<input type="checkbox"/> Materials stored to prevent discharge	
<input type="checkbox"/>	<input type="checkbox"/> Adequate emergency equipment	
<input type="checkbox"/>	<input type="checkbox"/> Notification system	
<input type="checkbox"/>	<input type="checkbox"/> Evacuation Plan	
<input type="checkbox"/>	<input type="checkbox"/> Container labeling	
<input type="checkbox"/>	EMPLOYEE TRAINING PROGRAM (25504)	
<input type="checkbox"/>	<input type="checkbox"/> Adequate for materials/wastes handled	
<input type="checkbox"/>	<input type="checkbox"/> Documentation on site	
<input type="checkbox"/>	SITE MAPS	
<input type="checkbox"/>	<input type="checkbox"/> Location of materials stored	
<input type="checkbox"/>	<input type="checkbox"/> Location of emergency equipment	
<input type="checkbox"/>	<input type="checkbox"/> Adjacent land uses accurate	

Items checked represent a violation for which civil penalties in addition to fines ranging from \$2,000 to \$25,000 per violation per day may be assessed. Please make required corrections and/or provide proof of correction by providing TWO copies to the Environmental Health Division by: _____

RECEIVED BY: _____

NAME _____ TITLE _____ DATE _____



ROBERT RADCLIFFE
EQUIPMENT SERVICES MANAGER
DEPARTMENT OF PUBLIC WORKS, COUNTY OF SAN MATEO

GRANT CORPORATION YARD
752 CHESTNUT STREET
REDWOOD CITY, CALIF. 94063

(415) 363-4145
(415) 363-4147
FAX (415) 366-7238

NAME

TITLE

DATE

RECEIVED BY:

Division by: _____
Items checked represent a violation for which civil penalties in addition to fines ranging from \$2,000 to \$25,000 per violation per day may be assessed. Please make required corrections and/or provide proof of correction by providing TWO copies to the Environmental Health

Business information	_____	_____
Location information	_____	_____
Property owner information	_____	_____
Emergency contact information	_____	_____
Plan available for inspection	_____	_____
INVENTORY INFORMATION (25509)	_____	_____
Previously undisclosed chemicals	_____	_____
100% increase in quantity	_____	_____
Incomplete information (comply w/SARA)	_____	_____
Acutely Hazardous Materials Reg. Form	_____	_____
EMERGENCY PLAN (25504)	_____	_____
Long Form required	_____	_____
Materials stored to prevent discharge	_____	_____
Adequate emergency equipment	_____	_____
Notification system	_____	_____
Evacuation Plan	_____	_____
Container labeling	_____	_____
EMPLOYEE TRAINING PROGRAM (25504)	_____	_____
Adequate for materials/wastes handled	_____	_____
Documentation on site	_____	_____
SITE MAPS	_____	_____
Location of materials stored	_____	_____
Location of emergency equipment	_____	_____
Adjacent land uses accurate	_____	_____

HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION/ REVIEW FORM

DATE: 6/28/91
 INSPECTOR: [Signature]
 FACILITY NAME: [Handwritten]
 ADDRESS: [Handwritten]
 CITY: [Handwritten]
 CONTACT PERSON: [Handwritten]
 TITLE: [Handwritten]

COMPLIANCE BUSINESS PLAN REQUIREMENTS COMMENTS

(Need to inspect to confirm)

DDOY (Jan)

DH01

DDC1

There would be

generators

4/28/75

COUNTY OF SAN MATEO

JUNE 7 1991

Inter- Departmental Correspondence

To Bill Floyd Public Works
Mike Marzano County Safety Officer
Dirk Jensen Environmental Health
Melvin Toomer Office of Emergency Services

From Bob Radcliffe Public Works

Subject: Needed training course for Grant Corporation Yard, La Honda, Pescadero and Princeton Yard to meet employee training and refresher program for Hazardous Materials Business Plan and Environmental Health Division Business Plan and also Senate Bill 198.

- A. How to handle chemical products/wastes stored and monitored to prevent spills, fire and/or explosion from occurring.
- B. Use of emergency response and personal protective equipment; and detection, health and physical hazards of chemicals handled.
- C. First Aid and CPR
- D. Fire fighting training

Thanks.


Bob Radcliffe

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION

HAZARDOUS MATERIALS BUSINESS PLAN

INSTRUCTIONS: Complete for each facility address.

SECTION A. GENERAL BUSINESS INFORMATION

FACILITY IDENTIFICATION

1. Legal Business Name COUNTY OF SAN MATEO
2. Business Address 805 VETERANS BLVD. REDWOOD CITY CA.
3. Business Type (sole proprietor, corporation, etc.) PUBLIC WORK
4. Property Owner Name SAN MATEO COUNTY
5. Property Owner Address 590; HAMILTON STREET REDWOOD CITY CA. 94063
Street City State Zip

CONTACT INFORMATION

1. Contact Name GRANT CORPORATION YARD Phone 363 4145
2. Mailing Address 752 CHESTNUT ST. CA.
3. Business Owner Name PUBLIC WORK Phone 363 4100
363 4145

BUSINESS INFORMATION

1. Business Description COUNTY OF SAN MATEO PUBLIC WORKS
2. # Employees (per shift) 60 3. Square Footage _____
4. Dun & Bradstreet # _____ 5. SIC Code _____
6. EPA Identification # _____ 7. Sewer Permit _____
8. Fire Permit # _____ 9. Air Permit _____
10. Industrial process water discharged to sewer X (GPD)
11. Any sensitive facilities within 1000 feet? NO YES (name) _____
12. Location of completed Business Plan at facility 805 VETERANS BLVD. REDWOOD CITY
752 Chestnut St. Redwood City

EMERGENCY COORDINATOR INFORMATION in Equipment service Manager Off.

1. Primary Name William Floyd Day Phone 363 4100 EXT 1435
Title Road Superintendent Night Phone 366 6039
2. Alternate Name Robert Radcliffe Day Phone 363 4145
Title Equipment Service Manager Night Phone 355 8667

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in the Business Plan and that the information is true, accurate and complete. I also understand the requirements for updating the inventory (annually) and entire Business Plan (bi-annually).

William Floyd
SIGNATURE

6-18-91
DATE

* Attach completed Section B (Inventory), Section C - F (Short Form or Long Form Outline) and Section G (Site Maps) and return to Environmental Health (or appropriate Fire agency).

**SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DIVISION**

SHORT FORM BUSINESS PLAN

INSTRUCTIONS: Your business may complete the Short Form Business Plan if you meet the following criteria:

- 1) Handles greater than permit quantities as specified by the Uniform Fire Code (UFC); OR
- 2) Stores hazardous materials in aggregate quantities greater than or equal to 55 gallons, 500 pounds, or 200 cubic feet of gas (STP) but less than 550 gallons, 5000 pounds or 2,000 cubic feet of gas (STP) in aggregate quantities; AND/OR
- 3) Stores hazardous materials in underground storage tanks; AND/OR
- 4) Does not store Threshold Planning Quantities (TPQ's) of extremely hazardous materials (EHM) as defined in Part 355, 40 CFR, Appendix A; AND/OR
- 5) Generates hazardous waste in ANY amount.

A Long Form Business Plan Outline is required if quantities in excess of the above amounts are handled.

SECTION A. GENERAL BUSINESS INFORMATION - complete the blank form attached.

SECTION B. CHEMICAL INVENTORY - complete the blank inventory form(s) attached.

SECTION C. PREVENTION PLAN

1. How are chemical products/wastes handled, stored and monitored to prevent spills, fires and/or explosions from occurring?

PER Cal/OSHA Regulations

PER California Code of Regulations

PER County of SAN MATEO Safety Plan

WITH STATE HAZARDOUS WASTE MANAGEMENT NUMERS

2. List the emergency equipment maintained on site for use in a possible chemical spill, fire and/or explosion.

DOUBLE WALLED TANKS

FIRE EXTINGUISHERS

FLOOR DRY OR SAND

3. Describe arrangements you have made with local fire, health, and medical agencies to familiarize them with your facility's operation? What should emergency responders do if a release occurs (e.g. leave power on at power supply)?

CALL 911

personel should contact 911 and evacuate building and stand-by
to direct emergenge people call emergency contact person

SECTION D. EMERGENCY PROCEDURES

4. Describe any security system in place at your facility that would assist or impede emergency response personnel upon their arrival at your facility.

locked front gate MASTER

locked doors

5. In the event of a chemical spill each facility is required by State Law to provide an immediate verbal report to:

- a) The local Fire Department (9-1-1)
- b) The State Office of Emergency Services (OES)
(800) 852-7550 or (916) 427-4341
- c) The local Administering Agency: County Health 363-4305
Brisbane (only) 467-1124

In the event of a release affecting the environment either on or off-site, how will immediate notification and evacuation of employees be conducted? Indicate evacuation routes and assembly areas on the general facility map.

MAIN OFFICE 805 Veterans Blvd.

SECTION E. NEW EMPLOYEE TRAINING AND REFRESHER PROGRAM (See sample Training Documentation Form in instruction packet)

6. Describe the training new employees will receive in:
- handling hazardous materials and wastes used at your business;
 - emergency notification and evacuation of employees and emergency response personnel;
 - use of emergency response and personal protective equipment; and
 - detection, health and physical hazards of chemicals handled.

How is the training documented and where is the documentation maintained?

BY AND WITH COUNTY SAFETY OFFICER

7. What subjects are covered by refresher training? How often is it conducted, documented and where is documentation maintained?

EMPLOYEE'S TRAINING PROGRAM : WILL BE AS PER COUNTY SAFETY
OFFICER, SHALL HAVE ANNUAL REFRESHER TRAINING

SECTION F. CLOSURE PLAN

8. Describe procedures that have been established in the event that the facility closes permanently for the decontamination, analysis and disposal of hazardous material/wastes handled on site. Indicate agencies that will be contacted regarding facility closure.

FOLLOW COUNTY PROCEDURES

SECTION G. SITE MAPS

Prepare both a Detail Site Map and General Site Map using the attached blank form and the legend provided on the back of the sample Detail / General Site Map in the Instruction Packet.

C H E M I C A L I N V E N T O R Y F O R M B U I L D . A

DATE: JUNE 7 1991

INSTRUCTIONS: Complete a separate form for each building or area where hazardous materials or waste are located. Please refer to the instruction packet and photo copy extra copies of this form before completing it.

BUSINESS NAME: Public Work San Mateo County **BUILDING/AREA NAME:** Grant Corporation Yard

BUSINESS ADDRESS: 752 Chestnut St. Redwood City CA. **ROOM NAME/NUMBER:** Build A

1 PRODUCT/WASTE DESCRIPTION	2	3	4	5	6	7
1. Name	CHEMICAL ID	QUANTITY	HAZARD CLASS	STORAGE	HAZARDS	OTHER (Circle)
a) Ingredient %	a) DOT#	a) Max. amt.	a) Code	a) Container	a) Health	a) Waste
b) Ingredient %	b) CAS#	b) Lg. Cont.	b) Subcode	b) Pressure	b) Physical	b) Acute
	c) Waste Code			c) Temp. f		c) Annual Amt

1. anti freeze UN/NA# 1142 LBS/GAL/CU.FT. 1 gal. a) 1 b) 1 c) 90 gallon

a) CAS# b) _____ c) _____

b) _____ c) _____

2. Steam cleaning comp. UN/NA# 1760 LBS/GAL/CU.FT. _____ a) 1 b) 1 c) 110 gallon

a) CAS# b) _____ c) _____

b) _____ c) _____

3. Lubricating grease UN/NA# 1270 LBS/GAL/CU.FT. _____ a) 1 b) 1 c) 360 lbs.

a) CAS# b) _____ c) _____

b) _____ c) _____

4. Lubricating oil UN/NA# 1270 LBS/GAL/CU.FT. _____ a) 1 b) 1 c) 1680

a) CAS# b) _____ c) _____

b) _____ c) _____

5. Cleaning solvent UN/NA# safety kleen LBS/GAL/CU.FT. _____ a) 1 b) 1 c) 100 gallon

a) CAS# b) _____ c) _____

b) _____ c) _____

STORAGE CONTAINER TYPES

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- B = Below ground Tank
- C = Tank inside Building
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- E = Plastic or Non-Metal Drum
- F = Can
- G = Carboy
- H = Silo
- I = Fiberdrum
- J = Bag
- K = Box
- L = Cylinder
- M = Glass Bottle or Jug
- N = Plastic
- O = Tote Bin
- P = Tank Wagon
- Q = Rail Car
- R = Other

PRESSURE CODES

- 1 = Above Ambient
- 2 = Ambient
- 3 = Below Ambient

TEMPERATURE CODES

- 1 = Above Ambient
- 2 = Ambient
- 3 = Below Ambient

HEALTH AND PHYSICAL HAZARDS

- 1 = Immediate (Acute) Health Hazard
- 2 = Delayed (Chronic) Health Hazard
- 3 = Fire Hazard
- 4 = Sudden Release of Pressure Hazard
- 5 = Reactive Hazard

Oil Spill - Rem.

CHEMICAL INVENTORY FORM

PAGE _____ OF _____

DATE: _____

INSTRUCTIONS: Complete a separate form for each building or area where hazardous materials or waste are located. Please refer to the instruction packet and photo copy extra copies of this form before completing it.

BUSINESS NAME: _____ BUILDING/AREA NAME: _____

BUSINESS ADDRESS: _____ ROOM NAME/NUMBER: _____

1 PRODUCT/WASTE DESCRIPTION	2 CHEMICAL ID		3 QUANTITY		4 HAZARD CLASS		5 STORAGE			6 HAZARDS			7 OTHER (Circle)		
	a) Name	a) DOT# b) CAS# c) Waste Code	a) Max. amt. b) Lg. Cont.	LBS/GAL/QU. FT.	a) Code b) Subcode	a) Container b) Pressure c) Temp. F	a) Health b) Physical	a) Waste b) Acute c) Annual Amt	a) Yes b) No c) See Shop Inv.						
1. Motor Oil, 30w		UN/NA# CAS# b) c)													
a) Petr. Hydrocarbons	X			165	a)	D	a)	None	a)	None	a)	None	a)	None	
b) _____	X			55	b)	2	b)		b)		b)		b)	Yes	
2. Auto Trans. Fluid		UN/NA# CAS# b) c)													
a) Petr. Hydrocarbons	X			55	a)	2	a)		a)		a)		a)	Yes	
b) _____	X			55	b)	2	b)		b)		b)		b)	Yes	
3. Gear Lubc. S.S. 150		UN/NA# CAS# b) c)													
a) Petr. Hydroc	X			650	a)	2	a)		a)		a)		a)	Yes	
b) _____	X			410	b)	2	b)		b)		b)		b)	Yes	
4. Ep. 2 Grease?		UN/NA# CAS# b) c)													
a) Petr. Hydroc	X			650	a)	2	a)		a)		a)		a)	Yes	
b) _____	X			410	b)	2	b)		b)		b)		b)	Yes	
5. Hydraulic Fluid, Dexton		UN/NA# CAS# b) c)													
a) Petr. Hydroc	X			55	a)	2	a)		a)		a)		a)	Yes	
b) _____	X			55	b)	2	b)		b)		b)		b)	Yes	

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 - G = Carboy
 - H = Silo
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 - L = Cylinder
 - M = Glass Bottle or Jug
 - N = Plastic
 - O = Tote Bin
 - P = Tank Wagon
 - Q = Rail Car
 - R = Other
- PRESSURE CODES**
- 1 = Above Ambient
 - 2 = Ambient
 - 3 = Below Ambient
- TEMPERATURE CODES**
- 1 = Above Ambient
 - 2 = Ambient
 - 3 = Below Ambient
- HEALTH AND PHYSICAL HAZARDS**
- 1 = Immediate (Acute) Health Hazard
 - 2 = Delayed (Chronic) Health Hazard
 - 3 = Fire Hazard
 - 4 = Sudden Release of Pressure Hazard
 - 5 = Reactive Hazard

C H E M I C A L I N T E N T O R Y F O R M

INSTRUCTIONS: Complete a separate form for each building or area where hazardous materials or waste are located. Please refer to the instruction packet and photo copy extra copies of this form before completing it.

BUSINESS NAME: Grant Corporation Yard **BUILDING/AREA NAME:** "B"

BUSINESS ADDRESS: 752 Chestnut st., Redwood City CA. **ROOM NAME/NUMBER:** "B"

1 PRODUCT/WASTE DESCRIPTION 1. Name	2 CHEMICAL ID a) DOT# b) CAS# c) Waste Code	3 QUANTITY a) Max. amt. b) Lg. Cont.	4 HAZARD CLASS a) Code b) Subcode	5 STORAGE a) Container b) Pressure c) Temp. F	6 HAZARDS		7 OTHER (Circle)
					a) Health	b) Physical	

1. ZEP Cleaning chemicals

a) <u> </u> % <u> </u> UN/NA# <u> </u> LBS/GAL/CU.FT. <u> </u> a) <u>D</u> <u> </u> a) <u>1</u> <u> </u> a) <u>Yes</u> / No <u> </u>	b) <u> </u> % <u> </u> CAS# <u> </u> a) <u>35 gal.</u> a) <u> </u> b) <u>2</u> <u> </u> b) <u> </u> b) <u>Yes</u> / No <u> </u>	c) <u> </u> % <u> </u> c) <u> </u> b) <u> </u> c) <u>2</u> <u> </u> c) <u> </u> c) <u>300 gal</u> <u> </u>
---	--	---

2. Comrosive chemicals

a) <u> </u> % <u> </u> UN/NA# <u> </u> LBS/GAL/CU.FT. <u> </u> a) <u> </u> a) <u> </u> a) <u>Yes</u> / No <u> </u>	b) <u> </u> % <u> </u> CAS# <u> </u> a) <u>20</u> a) <u> </u> b) <u> </u> b) <u> </u> b) <u>Yes</u> / No <u> </u>	c) <u> </u> % <u> </u> c) <u> </u> b) <u> </u> c) <u> </u> c) <u>100</u> <u> </u>
---	--	---

3. Cleaning solvent

a) <u> </u> % <u> </u> UN/NA# <u> </u> LBS/GAL/CU.FT. <u> </u> a) <u> </u> a) <u> </u> a) <u>Yes</u> / No <u> </u>	b) <u> </u> % <u> </u> CAS# <u> </u> a) <u>300</u> a) <u> </u> b) <u> </u> b) <u> </u> b) <u>Yes</u> / No <u> </u>	c) <u> </u> % <u> </u> c) <u> </u> b) <u> </u> c) <u> </u> c) <u>600</u> <u> </u>
---	---	---

4. Lubricating grease

a) <u> </u> % <u> </u> UN/NA# <u>1270</u> LBS/GAL/CU.FT. <u> </u> a) <u>D</u> <u> </u> a) <u> </u> a) <u>Yes</u> / No <u> </u>	b) <u> </u> % <u> </u> CAS# <u> </u> a) <u>150lbs.</u> a) <u> </u> b) <u>1</u> <u> </u> b) <u> </u> b) <u>Yes</u> / No <u> </u>	c) <u> </u> % <u> </u> c) <u> </u> b) <u> </u> c) <u>2</u> <u> </u> c) <u> </u> c) <u>300lbs.</u> <u> </u>
--	--	---

5. Round up weed killer

a) <u> </u> % <u> </u> UN/NA# <u> </u> LBS/GAL/CU.FT. <u> </u> a) <u>E</u> <u> </u> a) <u> </u> a) <u>Yes</u> / No <u> </u>	b) <u> </u> % <u> </u> CAS# <u> </u> a) <u>5 to 15</u> a) <u> </u> b) <u>1</u> <u> </u> b) <u> </u> b) <u>Yes</u> / No <u> </u>	c) <u> </u> % <u> </u> c) <u> </u> b) <u> </u> c) <u> </u> c) <u>40</u> <u> </u> c) <u> </u> c) <u> </u>
--	--	--

- STORAGE CONTAINER TYPES**
- A = Aboveground Tank
 - B = Below ground Tank
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 - D = Steel Drum
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- PRESSURE CODES**
- 1 = Above Ambient
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 - 3 = Below Ambient
- TEMPERATURE CODES**
- 1 = Above Ambient
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 - 3 = Below Ambient
- HEALTH AND PHYSICAL HAZARDS**
- 1 = Immediate (Acute) Health Hazard
 - 2 = Delayed (Chronic) Health Hazard
 - 3 = Fire Hazard
 - 4 = Sudden Release of Pressure Hazard
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C H E M I C A L I N V E N T O R Y F O R M

DATE: June 7 1991

INSTRUCTIONS: Complete a separate form for each building or area where hazardous materials or waste are located. Please refer to the instruction packet and photo copy extra copies of this form before completing it.

BUSINESS NAME: Grant Corporation Yard BUILDING/AREA NAME: "B"

BUSINESS ADDRESS: 752 Chestnut ST. Redwood City CA. ROUTE NAME/NUMBER: "B"

	3	4	5	6	7
PRODUCT/WASTE DESCRIPTION	QUANTITY	HAZARD CLASS	STORAGE	HAZARDS	OTHER (Circle)
1. Name	a) Max. amt. b) Lg. Cont.	a) Code b) Subcode	a) Container b) Pressure c) Temp. F	a) Health b) Physical	a) Waste b) Acute c) Annual Amt

1. <u>Oust Weed killer</u>	UN/NA# _____	LBS/GAL/CU.FT. _____	E	a) _____	1	a) Yes / No _____
a) _____ %	CAS# b) _____	a) <u>24</u>	b) _____	b) _____	1	b) Yes / No _____
b) _____ %	c) _____	b) _____	c) _____	c) _____	40 gal	c) _____

2. <u>Spike Weed killer</u>	UN/NA# _____	LBS/GAL/CU.FT. _____	E	a) _____	1	a) Yes / No _____
a) _____ %	CAS# b) _____	a) <u>198 lbs.</u>	b) _____	b) _____	1	b) Yes / No _____
b) _____ %	c) _____	b) _____	c) _____	c) _____	200	c) _____

3. <u>Amrol-90 weed killer</u>	UN/NA# _____	LBS/GAL/CU.FT. _____	E	a) _____	1	a) Yes / No _____
a) _____ %	CAS# b) _____	a) <u>100 lbs.</u>	b) _____	b) _____	1	b) Yes / No _____
b) _____ %	c) _____	b) _____	c) _____	c) _____	200 lbs.	c) _____

4. _____	UN/NA# _____	LBS/GAL/CU.FT. _____	a) _____	a) _____	a) Yes / No _____
a) _____ %	CAS# b) _____	a) _____	b) _____	b) _____	b) Yes / No _____
b) _____ %	c) _____	b) _____	c) _____	c) _____	c) _____

5. _____	UN/NA# _____	LBS/GAL/CU.FT. _____	a) _____	a) _____	a) Yes / No _____
a) _____ %	CAS# b) _____	a) _____	b) _____	b) _____	b) Yes / No _____
b) _____ %	c) _____	b) _____	c) _____	c) _____	c) _____

- | | | | |
|--|---|--|---|
| STORAGE CONTAINER TYPES
A = Aboveground Tank
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1 = Immediate (Acute) Health Hazard
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5 = Reactive Hazard |
|--|---|--|---|

C H E M I C A L I N V E N T O R Y F O R M "D" AREA

DATE: JUNE 7 1991

= PAGE 1 OF 1

INSTRUCTIONS: Complete a separate form for each building or area where hazardous materials or waste are located. Please refer to the instruction packet and photo copy extra copies of this form before completing it.

BUSINESS NAME: COUNTY OF SAN MATEO DEPT. OF PUBLIC WORK **BUILDING/AREA NAME:** FUELING AREA "D"
BUSINESS ADDRESS: 752 Chestnut st. Redwood City CA. **ROOM NAME/NUMBER:** Area "D"

1	2	3	4	5	6	7
PRODUCT/WASTE DESCRIPTION	CHEMICAL ID	QUANTITY	HAZARD CLASS	STORAGE	HAZARDS	OTHER (circle)
1. Name	a) DOT#	a) Max. amt.	a) Code	a) Container	a) Health	a) Waste
a) Ingredient <input checked="" type="checkbox"/>	b) CAS#	b) Lg. Cont.	b) Subcode	b) Pressure	b) Physical	b) Acute
b) Ingredient <input checked="" type="checkbox"/>	c) Waste Code			c) Temp. F	c) Annual Amt	c) Annual Amt

1. **UNLEADED GASOLINE**

UN/NA#	1203	LBS/GAL/CU.FT.	B	3	a) Yes / No
CAS# a)		a) 12000	2	3	b) Yes / No
CAS# b)		b)	2		c) 60000

2. **DIESEL FUEL (2)**

UN/NA#	1995	LBS/GAL/CU.FT.	B	3	a) Yes / No
CAS# a)		a) 8000	2	3	b) Yes / No
CAS# b)		b)	2		c) 80000

3. **WASTE OIL**

UN/NA#		LBS/GAL/CU.FT.	B		a) Yes / No
CAS# a)		a) 500	2		b) Yes / No
CAS# b)		b) 500	2		c)

4.

UN/NA#		LBS/GAL/CU.FT.			a) Yes / No
CAS# a)		a)			b) Yes / No
CAS# b)		b)			c)

5.

UN/NA#		LBS/GAL/CU.FT.			a) Yes / No
CAS# a)		a)			b) Yes / No
CAS# b)		b)			c)

STORAGE CONTAINER TYPES

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 I = Fiberdrum

J = Bag
K = Box
L = Cylinder
M = Glass-Bottle or Jug
N = Plastic
O = Tote Bin
P = Tank Wagon
Q = Rail Car
R = Other

PRESSURE CODES

1 = Above Ambient
 2 = Ambient
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TEMPERATURE CODES

1 = Above Ambient
 2 = Ambient
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HEALTH AND PHYSICAL HAZARDS

1 = Immediate (Acute) Health Hazard
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C H E M I C A L I N V E N T O R Y F O R M 'D' AREA

DATE: JUNE 7 1991 = PAGE 1 OF 1

INSTRUCTIONS: Complete a separate form for each building or area where hazardous materials or waste are located. Please refer to the instruction packet and photo copy extra copies of this form before completing it.

BUSINESS NAME: COUNTY OF SAN MATEO DEPT. OF PUBLIC WORK BUILDING/AREA NAME: FUELLING AREA 'D'
BUSINESS ADDRESS: 752 Chestnut st., Redwood City CA. ROOM NAME/NUMBER: Area 'D'

1.	2	3	4	5	6	7
PRODUCT/WASTE DESCRIPTION	CHEMICAL ID	QUANTITY	HAZARD CLASS	STORAGE	HAZARDS	OTHER (Circle)
a) Name	a) DOT#	a) Max. amt.	a) Code	a) Container	a) Health	a) Waste
b) Ingredient %	b) CAS#	b) Lg. Cont.	b) Subcode	b) Pressure	b) Physical	b) Acute
c) Ingredient %	c) Waste Code			c) Temp. F	c) Temp. F	c) Annual Amt

1. UNLEADED GASOLINE

UN/NA#	<u>1203</u>	a) B	a) 3	a) Yes / No
CAS# b)		b) 2	b) 3	b) Yes / No
CAS# c)		c) 2	c) 60000	c) _____

2. DIESEL FUEL (2)

UN/NA#	<u>1995</u>	a) B	a) 3	a) Yes / No
CAS# b)		b) 2	b) 3	b) Yes / No
CAS# c)		c) 2	c) 80000	c) _____

3.

UN/NA#		a) _____	a) _____	a) Yes / No
CAS# b)		b) _____	b) _____	b) Yes / No
CAS# c)		c) _____	c) _____	c) _____

4.

UN/NA#		a) _____	a) _____	a) Yes / No
CAS# b)		b) _____	b) _____	b) Yes / No
CAS# c)		c) _____	c) _____	c) _____

5.

UN/NA#		a) _____	a) _____	a) Yes / No
CAS# b)		b) _____	b) _____	b) Yes / No
CAS# c)		c) _____	c) _____	c) _____

STORAGE CONTAINER TYPES

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R = Other

PRESSURE CODES

1 = Above Ambient
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TEMPERATURE CODES

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HEALTH AND PHYSICAL HAZARDS

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 5 = Reactive Hazard

Paint Storage

CHEMICAL INVENTORY FORM

DATE: June 7 1991

INSTRUCTIONS: Complete a separate form for each building or area where hazardous materials or waste are located. Please refer to the instruction packet and photo copy extra copies of this form before completing it.

BUSINESS NAME: County of San Mateo Public Works Building/Area Name: Building 11C

BUSINESS ADDRESS: 752 Chestnut St Redwood City

1 PRODUCT/WASTE DESCRIPTION	2 CHEMICAL ID		3 QUANTITY		4 HAZARD CLASS		5 STORAGE			6 HAZARDS			7 OTHER (Circle)		
	a) Name	a) DOT# b) CAS# c) Waste Code	a) Max. amt. b) Lg. Cont.	a) Code b) Subcode	a) Container b) Pressure c) Temp. F	a) Health b) Physical	a) Waste b) Acute c) Annual Amt								
1. Dynasol	UN/NA#	CAS# b) 8052-41-3	LBS/GAL/QU. FT.	CL	a) F b) 2 c) 2	a) Health b) Physical	a) Waste b) Acute c) Annual Amt								
a) Mineral Spirits 280 X			a) 55		a) F	a) Health	a) Waste								
b) _____ X			b) 5		b) 2	b) Physical	b) Acute								
2. Duramask	UN/NA#	CAS# b) 14807-76-6	LBS/GAL/QU. FT.		a) F b) 2 c) 2	a) Health b) Physical	a) Waste b) Acute c) Annual Amt								
a) Talc 30 X			a) 56		a) F	a) Health	a) Waste								
b) Aluminum 45 X			b) 7		b) 2	b) Physical	b) Acute								
3. Thinner Chevron 350B	UN/NA#	UN/NA# UN/NA# 55	LBS/GAL/QU. FT.	CL	a) D b) 2 c) 2	a) Health b) Physical	a) Waste b) Acute c) Annual Amt								
a) Distillates Hydrocarbon 20 X		CAS# b) 68144-41-8	a) 9		a) D	a) Health	a) Waste								
b) Alkylbenzene 20 X			b) 55		b) 2	b) Physical	b) Acute								
4. Prepare	UN/NA#	CAS# b)	LBS/GAL/QU. FT.		a) L b) 1 c) 2	a) Health b) Physical	a) Waste b) Acute c) Annual Amt								
a) _____ X			a) 100		a) L	a) Health	a) Waste								
b) _____ X			b) 20		b) 1	b) Physical	b) Acute								
5. Traffic Paint Bauer 185A9	UN/NA#	CAS# b) 57-55-6	LBS/GAL/QU. FT.		a) F b) 2 c) 2	a) Health b) Physical	a) Waste b) Acute c) Annual Amt								
a) 1/2 Propanediol X			a) 60		a) F	a) Health	a) Waste								
b) Titanium Dioxide X			b) 1		b) 2	b) Physical	b) Acute								

HEALTH AND PHYSICAL HAZARDS

PRESSURE CODES

STORAGE CONTAINER TYPES

- 1 = Immediate (Acute) Health Hazard
 - 2 = Delayed (Chronic) Health Hazard
 - 3 = Fire Hazard
 - 4 = Sudden Release of Pressure Hazard
 - 5 = Reactive Hazard
- 1 = Above Ambient
 - 2 = Ambient
 - 3 = Below Ambient
- 1 = Above Ambient
 - 2 = Ambient
 - 3 = Below Ambient
- J = Bag
 - K = Box
 - L = Cylinder
 - M = Glass Bottle or Jug
 - N = Plastic
 - O = Tote Bin
 - P = Tank Wagon
 - Q = Rail Car
 - R = Other
- A = Aboveground Tank
 - B = Belowground Tank
 - C = Tank inside Building
 - D = Steel Drum
 - E = Plastic or Non-Metal Drum
 - F = Can
 - G = Carboy
 - H = Silo
 - I = Drum

Paint Storage

CHEMICAL INVENTORY FORM

DATE: June 7 1991

PAGE 2 OF 3

INSTRUCTIONS: Complete a separate form for each building or area where hazardous materials or waste are located. Please refer to the instruction packet and photo copy extra copies of this form before completing it.

BUSINESS NAME: County of San Mateo Public Works Building "C" 11

BUSINESS ADDRESS: 752 Chestnut St Redwood City, CA 94061

1	2	3	4	5	6	7
a) Name	a) DOT#	a) Max. amt.	a) Code	a) Container	a) Health	a) Waste
b) Ingredient X	b) CAS#	b) Lg. Cont.	b) Subcode	b) Pressure	b) Physical	b) Acute
c) Ingredient X	c) Waste Code			c) Temp. F		c) Annual Amt
1. Traffic Paint Peroxide	UN1263	LBS/GAL/QU. FT.		F	12	a) Yes (No)
a) Aliphatic Hydrocarbons X	CAS# b) 64742898	a) 1000	FL	2	3.5	b) Yes / No
b) Methanol X	c)	b) 5		2		c)
2. Traffic Paint Peroxide	UN1263	LBS/GAL/QU. FT.		F	12	a) Yes (No)
a) Aliphatic Hydrocarbons X	CAS# b) 64742898	a) 1000	FL	2	3.5	b) Yes / No
b) Methanol X	c)	b) 5		2		c)
3. Traffic Paint Peroxide	UN1263	LBS/GAL/QU. FT.		F	12	a) Yes / No
a) Toluene X	CAS# b) 108-88-3	a) 1000	FL	2		b) Yes / No
b) Trichloroethane X	c)	b) 5		2		c)
4. Traffic Paint Peroxide	UN1263	LBS/GAL/QU. FT.		F	12	a) Yes / No
a) Toluene X	CAS# b) 108-88-3	a) 1000	FL	2		b) Yes / No
b) Trichloroethane X	c)	b) 5		2		c)
5. Thinner Peroxide	UN1263	LBS/GAL/QU. FT.		D		a) Yes / No
a) Trichloroethane 1-1-1 X	CAS# b) 71-55-6	a) 500	FL	2		b) Yes / No
b)	c)	b) 5		2		c)

Need MSDS

STORAGE CONTAINER TYPES

- A = Aboveground Tank
- B = Below ground Tank
- C = Tank inside Building
- D = Steel Drum
- E = Plastic or Non-Metal Drum
- F = Can
- G = Carboy
- H = Silo
- I = Herdrum
- J = Bag
- K = Box
- L = Cylinder
- M = Glass Bottle or Jug
- N = Plastic
- O = Tote Bin
- P = Tank Wagon
- Q = Rail Car
- R = Other

PRESSURE CODES

- 1 = Above Ambient
- 2 = Ambient
- 3 = Below Ambient

TEMPERATURE CODES

- 1 = Above Ambient
- 2 = Ambient
- 3 = Below Ambient

HEALTH AND PHYSICAL HAZARDS

- 1 = Immediate (Acute) Health Hazard
- 2 = Delayed (Chronic) Health Hazard
- 3 = Fire Hazard
- 4 = Sudden Release of Pressure Hazard
- 5 = Reactive Hazard

744 870 3600 Dome
Paint storage #3

White 160000
401 215
175

Paint Storage

CHEMICAL INVENTORY FORM

DATE: June 7 1991

INSTRUCTIONS: Complete a separate form for each building or area where hazardous materials or waste are located. Please refer to the instruction packet and photo copy extra copies of this form before completing it.

BUSINESS NAME: County of Santa Clara Public Works Building/Area Name: Building 1C11

BUSINESS ADDRESS: 752 C. H. Street St Redwood City ROOM NAME/NUMBER: Paint Storage

Table with 7 columns: 1. PRODUCT/WASTE DESCRIPTION, 2. CHEMICAL ID, 3. QUANTITY, 4. HAZARD CLASS, 5. STORAGE, 6. HAZARDS, 7. OTHER (Circle). Rows include Thinner, Toluene, Methyl Ethyl Ketone, Traffic Paint, Curb Paint, Calcium Carbonate, and Propanediol.

No MSDS

- STORAGE CONTAINER TYPES: A = Aboveground Tank, B = Below ground Tank, C = Tank inside Building, D = Steel Drum, E = Plastic or Non-Metal Drum, F = Can, G = Carboy, H = Silo, I = Drum. PRESSURE CODES: 1 = Above Ambient, 2 = Ambient, 3 = Below Ambient. TEMPERATURE CODES: 1 = Above Ambient, 2 = Ambient, 3 = Below Ambient. HEALTH AND PHYSICAL HAZARDS: 1 = Immediate (Acute) Health Hazard, 2 = Delayed (Chronic) Health Hazard, 3 = Fire Hazard, 4 = Sudden Release of Pressure Hazard, 5 = Reactive Hazard.

*update
Inventory
change*

SAN MATEO COUNTY
DEPARTMENT OF HEALTH SERVICES
OFFICE OF ENVIRONMENTAL HEALTH

HAZARDOUS MATERIAL BUSINESS PLAN

Please Print or Type

A. BUSINESS NAME

Grant Yard Corporation Yard

B. BUSINESS PHONE

(415) 363-4145

C. OWNER

County of San Mateo Department
of Public Works

D. SIC CODE

(415) 363-4145

E. ADDRESS OF BUSINESS OR FACILITY

752 Chestnut Street

Redwood City, CA 94063

F. MAIL ADDRESS

Same

G. PRIMARY BUSINESS ACTIVITY _____

H. EMERGENCY CONTACT PERSON

	Name & Title	24-Hour Phone Numbers	
		Business	Non-Business
Primary	<u>Anthony Brazil</u> <u>Assistant Road Superintendent</u>	<u>(415) 363-4103</u>	<u>(415) 726-5701</u>
Alternate	<u>William Floyd</u> <u>Road Maintenance Supervisor II</u>	<u>(415) 363-4149</u>	<u>(415) 366-6039</u>

RECEIVED JAN 07 1988

J. SITE LAYOUT AND FACILITY DIAGRAMS

Attach an annotated map of the facility sufficient to allow fire, safety, health, and other appropriate personnel to adequately respond to an emergency at your facility and indicate if it is available on site to first responders. See instructions.

K. NUMBER OF EMPLOYEES 45

L. SIZE OF FACILITY IN SQ. FT. _____

M. EMERGENCY RESPONSE PLANS AND PROCEDURES

Emergency Response and Evacuation Plan for your business:
Personnel should contact 911 and evacuate building and standby to direct emergency people.

(See instructions. Use additional sheets as required.)

N. EMPLOYEE TRAINING PROGRAM

Initial and annual refresher training plan for your business:
Employee's training program will be as per County Safety Officer. Shall have annual training refresher course.

(See instructions. Use additional sheets as required.)

I certify that the information contained in this business plan is accurate, that the plan meets the requirements of Chapter 6.95 (Section 25500 et seq.) of the Health and Safety Code, that amendments and revisions to it will be submitted in accordance with that Chapter, and that I am authorized to make this certification on behalf of the above-named business.

Signature Anthony Brazil Title Assist Rd Supv Date: 1-7-88

If this is not an initial submission, date of last change: _____

SAN MATEO COUNTY DEPARTMENT OF HEALTH SERVICES
HAZARDOUS MATERIALS INVENTORY*

(1)

COUNTY OF SAN MATEO DEPARTMENT OF PUBLIC WORKS
(Business Name)
752 CHESTNUT STREET, REDWOOD CITY, CA 94063
(Business Address)
BUILDING "C", PAINT STORAGE
(Business Address include Bldg No. etc.)

(1) Maximum Amount Hazardous Mater- ials Handled/ Stored any 1 time	(2) Common Name/Trade Name Including Hazardous Wastes	(3) DOT I.D. Number (If Applicable)			(4) Chemical Name or Waste Category and Composition	(4) CAS Number (If Applicable)						(5) Estimated Amount Hazardous Waste Handled Annually	
		1	2	6		3							
1,900 gal.	Traffic Paint	1	2	6	3								None
600 gal.	Traffic Paint Reducer	1	2	6	3								None
16 gal.	Liquid Epoxy Resin												None
16 gal.	Aminel Polysulfide Comp.												None
200 gal.	Acrylic Waterbase Paint												None
96 gal.	Propane (Small bottle)	1	0	7	5								None
21,455 lbs.	Glass Bead												None

(See instructions. Use additional sheets as required.)

* Trade Secret information should be submitted on separate yellow sheets and labeled as trade secret.

SAN MATEO COUNTY DEPARTMENT OF HEALTH SERVICES
HAZARDOUS MATERIALS INVENTORY*

(1)

COUNTY OF SAN MATEO DEPARTMENT OF PUBLIC WORKS
(Business Name)

752 CHESTNUT STREET, REDWOOD CITY, CA 94063
(Business Address)

AREA "D"
(Business Address include Bldg No. etc.)

(1) Maximum Amount Hazardous Mater- ials Handled/ Stored any 1 time	(2) Common Name/Trade Name Including Hazardous Wastes	(3) DOT I.D. Number (If Applicable)			(4) Chemical Name or Waste Category and Composition	(4) CAS Number (If Applicable)						(5) Estimated Amount Hazardous Waste Handled Annually		
		1	2	0		3								
12,000 gal.	Unleaded Gasoline	1	2	0	3									None
8,000 gal.	Diesel Fuel	1	9	9	3									None

(See instructions. Use additional sheets as required.)

* Trade Secret information should be submitted on separate yellow sheets and labeled as trade secret.

SAN MATEO COUNTY
DEPARTMENT OF HEALTH SERVICES
OFFICE OF ENVIRONMENTAL HEALTH

HAZARDOUS MATERIAL BUSINESS PLAN

Please Print or Type

A. BUSINESS NAME

GRANT YARD CORPORATION YARD

B. BUSINESS PHONE

C. OWNER

COUNTY OF SAN MATEO (DEPT. OF PUBLIC WORKS)

D. SIC CODE

415 363-4145

E. ADDRESS OF BUSINESS OR FACILITY

752 CHESTNUT STREET

REDWOOD CITY CA. 94063

F. MAIL ADDRESS

SAME

H. EMERGENCY CONTACT PERSON

Name & Title

24-Hour Phone Numbers
Business Non-Business

Primary ANTHONY BRAZIL
ASSISTANT ROAD SUPERINTENDENT

363-4100 EX 1435 726-5701

Alternate WILLIAM FLOYD
ROAD MAINT. SUPV. II

363-4149 366-6039

J. SITE LAYOUT AND FACILITY DIAGRAMS

Attach an annotated map of the facility sufficient to allow fire, safety, health, and other appropriate personnel to adequately respond to an emergency at your facility and indicate if it is available on site to first responders. See instructions.

K. NUMBER OF EMPLOYEES 45

L. SIZE OF FACILITY IN SQ. FT. _____

M. EMERGENCY RESPONSE PLANS AND PROCEDURES

Emergency Response and Evacuation Plan for your business:
PERSONEL SHOULD CONTACT 911 AND EVACUATE BUILDING AND STAND-BY
TO DIRECT EMERGENGE PEOPLE.

(See instructions. Use additional sheets as required.)

N. EMPLOYEE TRAINING PROGRAM

Initial and annual refresher training plan for your business:
EMPLOYEE'S TRAINING PROGRAM WILL BE AS PER COUNTY SAFTEY OFFICER.
SHALL HAVE ANNUAL TRAINING REFRESHER COURSE.

(See instructions. Use additional sheets as required.)

I certify that the information contained in this business plan is accurate, that the plan meets the requirements of Chapter 6.95 (Section 25500 et seq.) of the Health and Safety Code, that amendments and revisions to it will be submitted in accordance with that Chapter, and that I am authorized to make this certification on behalf of the above-named business.

Signature Ure Fairbank Title Rd. Equip. Super Date: 7-10-87

If this is not an initial submission, date of last change: _____

COUNTY OF SAN MATEO

INTER-DEPARTMENTAL CORRESPONDENCE

DATE March 25, 1985

TO: DEPARTMENT OF PUBLIC WORKS EMPLOYEES
FROM: ROBERT L. SANS, DIRECTOR OF PUBLIC WORKS
SUBJECT: HAZARDOUS SPILLS

In the event you are called upon to respond to a hazardous materials emergency spill, please comply with the following instructions which will establish lines of authority and procedure:

1. On-call personnel should refer all calls to Road Department supervisors, the C.H.P. and Environmental Health. This can be handled either by phone or through County Communications. (Radio Contact)
2. The CHP has been designated as; the Scene Commander, for all incidents regarding hazardous spills upon the roads in the unincorporated areas. In the towns, Portola Valley, Woodside, E.P.A. the Sheriff's Department will respond or may delegate the responsibility to the local fire departments.
3. Road Division personnel should proceed to the scene of the spill, determine if it is within the right-of-way. Stay up wind and a reasonable distance from the material in question.
4. If you arrive before the C.H.P., barricade the area.
5. Upon the arrival of the C.H.P. they are in complete command.
6. Close the road or barricade area as requested.
7. Once this is completed, do not proceed beyond the outside perimeter of the danger zone, which in this case would be within the barricaded area.
8. This should be the limit of involvement by the Road Department other than participating in traffic control.
9. If material cannot be easily identified, the C.H.P. has been authorized to call for the technical assistance of a clean-up contractor.
10. If a clean-up contractor is called in such as, I.T. Corporation, H. H. Ships Service, Chemical Waste Management Inc., or some similar firm, they will complete all clean-up.
11. Don't attempt to furnish containers, haul, blot with sand or participate in any clean-up activities, unless identified by someone with the technical knowledge to make the proper identification or to state that the material is harmless. If a clean-up contractor has been called, and is on the scene they will complete all clean-up harmless or not.

Department of Public Works
March 25, 1985

Page 2

12. Never load, handle or haul any hazardous materials that have been spilled or dumped.
13. Don't haul any hazardous materials into the yards or authorize storage of any materials in the yards or other County property except by authorization of the Director of Public Works.
14. It is unlawful to transport or store hazardous materials in any vehicle or container that is not approved by the C.H.P.

Robert L. Sans
Robert L. Sans

RLS:LP:ms

SAN MATEO COUNTY DEPARTMENT OF HEALTH SERVICES
HAZARDOUS MATERIALS INVENTORY*

(1)

COUNTY OF SAN MATEO DEPT. OF PUBLIC WORKS

(Business Name) STREET REDWOOD CITY CA. 94063

(Business Address)

BUILDING C PAINT STORAGE

(Business Address include Bldg No. etc.)

(1) Maximum Amount Hazardous Mater- ials Handled/ Stored any 1 time	(2) Common Name/Trade Name Including Hazardous Wastes	(3) DOT I.D. Number (If Applicable)			(4) Chemical Name or Waste Category and Composition	(4) CAS Number (If Applicable)						(5) Estimated Amount Hazardous Waste Handled Annually	
		1	2	6		3							
1800 gal	TRAFFIC PAINT	1	2	6	3								NONE
600 gal	TRAFFIC PAINT REDUCER	1	2	6	3								NONE
16 gal	LIQUID EPOXY RESIN												NONE
16 gal	AMINEL POLYSULFIDE COM.												NONE
200 gal	ACRYLIC WATERBASE PAINT												NONE
96 gal	PROPANE (SMALL BOTTLE)	1	0	7	5								NONE
20000 lbs	GLASS BEAD												NONE

(See instructions. Use additional sheets as required.)

* Trade Secret information should be submitted on separate yellow sheets and labeled as trade secret.

COUNTY OF SAN MATEO
INTER-DEPARTMENTAL CORRESPONDENCE

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Department of Public Works
March 25, 1985

Page 2

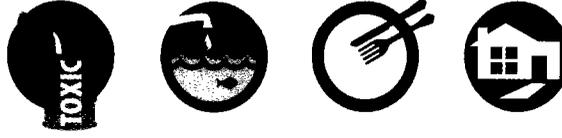
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13. Don't haul any hazardous materials into the yards or authorize storage of any materials in the yards or other County property except by authorization of the Director of Public Works.
14. It is unlawful to transport or store hazardous materials in any vehicle or container that is not approved by the C.H.P.

Robert L. Sans
Robert L. Sans

RLS:LP:ms

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

PERMIT 07- 0787



Protecting Our Health and Environment
CERTIFIED UNIFIED PROGRAM AGENCY

THIS PERMIT IS ISSUED FOR THE FOLLOWING:

2160	PR0027243	STORES MV FUELS OR WASTE ONLY
2220	PR0027242	GENERATES & RECYCLES WASTE OIL/SOLVENT
2300	PR0022479	UNDERGROUND TANK - GENERAL

FACILITY:

SMC ROAD/SEWER DEPT
752 CHESTNUT ST
REDWOOD CITY, CA 94063

OWNER:

COUNTY OF SAN MATEO
555 COUNTY CTR-DPW
REDWOOD CITY CA 94063

FA0024011

DATE ISSUED: 5/1/2007

Dean D. Peterson. P.E.. REHS

EXPIRATION DATE: 5/1/2012

DIRECTOR, ENVIRONMENTAL HEALTH

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH

SAN MATEO COUNTY



Protecting Our Health and Environment

PERMIT CONDITIONS

455 County Center, 4th Floor, Redwood City, CA 94063

Facility Identification Number: FA0024011

In order to maintain the **Permit to Operate**, the permit holder must comply with the following provisions of related laws concerning management of hazardous materials. Any violation of the conditions may be cause for revocation of the **Permit to operate**.

- a. **Hazardous Materials Business Plan Program:** California Health and Safety Code, Division 20, Chapter 6.95, Article 1 and Title 19 California Code of Regulations.
- b. **California Accidental Release Prevention Program (Cal-ARP):** California Health and Safety Code, Division 20, Chapter 6.95, Article 2 and Title 19, California Code of Regulations.
- c. **Hazardous Waste Generator Program:** California Health and Safety Code, Division 20, Chapter 6.5, Articles 1-13, Section 25100 et seq., and Title 22, California Code of Regulations, Chapter 20
- d. **Aboveground Petroleum ACT SPCC Plans:** California Health and Safety Code, Division 20, Chapter 6.67 and 40 CFR 112.
- e. **Tiered Permit On-Site Hazardous Waste Treatment:** California Health and Safety Code, Division 20, Chapter 6.5 Article 9, and Title 22 California Code of Regulations, Chapter 20
- f. **Underground Storage Tank Program:** California Health and Safety Code, Division 20, Chapter 6.7 and Title 23 California Code regulations, Chapters 16 and 18.

Number of tank/s authorized to operate:

BOE Identification Number: 44-032637

<u>State UST ID No.</u>	<u>Volume</u>	<u>Material Stored</u>	<u>System Type</u>	<u>Monitoring Procedure</u>
41000024011000006	20,000	REGULAR UNLEADED	P	CIM
41000024011000007	20,000	DIESEL	P	CIM

The permittee must, also, observe the following specific conditions to maintain the Permit to Operate an underground storage tank.

1. In the event of a spill, leak or other unauthorized release, the permittee must comply with the requirements of California Code of Regulations, Chapter 16, Article 5. The permittee must comply with a plot and release response plan approved by this Office.
2. The permittee must comply with the approved routine monitoring procedures referenced in this permit.
3. The permittee must notify the Division withing (30) days after any changes in the usage of any UST including:
 - a) The storage of new hazardous substances; b) changes in monitoring procedures; c) changes of owner/operator.
 The Division may review, modify, or terminate the Permit to Operate upon receiving notification of the above changes.
4. The permittee must perform yearly maintenance testing of all leak detection equipment, and provide documentation of such testing to the Office.
5. The permittee must obtain approval from this Division, local Fire, and Building authorities prior to modifying any UST system.
6. Written records of all monitoring performed shall be maintained on-site by the operator and be available for inspection for a period of at least (3) years from the date the monitoring was performed.
7. The permittee must submit annual permit fees.
8. The permittee must submit an annual report documenting compliance with the above conditions within (30) days of the anniversary of the permit issuance date. Facilities will be inspected annually for compliance with the above conditions.

The Permit to Operate is to be maintained on-site and is valid for a period of five (5) years.



San Mateo County Health System

May 19, 2014

SMCo Site #330174 / RO1724

APN: 054-063-180

James Porter, Director
San Mateo County Public Works
555 County Center
Redwood City, CA 94063

**SUBJECT: GRANT CORPORATION YARD FACILITY, 752 CHESTNUT STREET,
REDWOOD CITY, CALIFORNIA**

Dear Mr. Porter:

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on the information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Please note, claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to subdivision (k) of Section 25299.57 of the Health and Safety Code (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

Environmental Health

2000 Alameda de las Pulgas, Suite 100, San Mateo, CA 94403

Phone (650) 372-6200 • Fax (650) 627-8244 • CA Relay 711 • Website www.smchealth.org

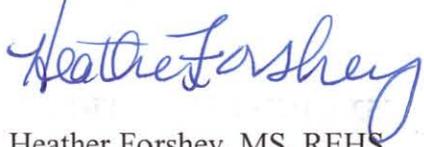
Health System Chief • Jean S. Fraser

Board of Supervisors • Don Horsley • Dave Pine • Carole Groom • Warren Slocum • Adrienne Tissier

Grant Corporation Yard, 752 Chestnut Street, Redwood City (SMCo #330174 / RO1724)
May 19, 2014
Page 2

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code and Assembly Bill 358. Please contact Deno Milano of our office at (650) 372-6292 or at dmilano@smcgov.org if you have any questions.

Sincerely,



Heather Forshey, MS, REHS
Director, Environmental Health Services Division
County of San Mateo Health System

cc: State GeoTracker database
Glenn Matteucci, Cardno ERI (via glenn.matteucci@cardno.com)

**SAN MATEO COUNTY CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANKS PROGRAM**

I. AGENCY INFORMATION

San Mateo County Groundwater Protection Program (GPP)
2000 Alameda de las Pulgas, Suite 100, San Mateo, CA 94403
County Project Manager: Deno G. Milano, PG
Title: Hazardous-Materials Specialist III
Telephone Number: 650-372-6292



II. CASE INFORMATION

Site Name: San Mateo County Grant Corporation Yard
Site Address: 752 Chestnut Street, Redwood City, CA 94063

<i>Global ID: T0608116125</i>	<i>Local Case #: 330174</i>	<i>RWQCB CASE #: 41-4016</i>
<i>Record ID #: RO0001724</i>	<i>URF Filing Date: No evidence filed</i>	<i>APN: 054-063-180</i>

Responsible Party Information

<i>Name</i>	<i>Address</i>	<i>Phone #</i>
County of San Mateo c/o James Porter	Department of Public Works 555 County Center, Redwood City, CA 94063	650-363-4100

Tank Information

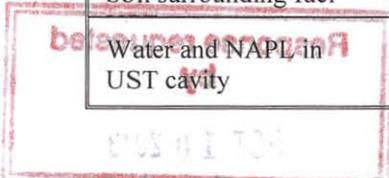
<i>Tank #</i>	<i>Size in Gallons</i>	<i>Contents</i>	<i>Closed in place or Removed</i>	<i>Date</i>
1	2,000	Diesel	Removed	2/16/1999
2	6,000	Gasoline	Removed	2/16/1999
3	6,000	Diesel	Removed	2/16/1999
4	6,000	Gasoline	Removed	2/16/1999

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown Type: Gasoline and Diesel
 Site Characterization Complete? Yes
 Date Approved by Oversight Agency: August 29, 2013
 Number of Wells Installed: 4 Proper screened interval? Adequate
 Shallowest groundwater depth: Approximately 6.5 feet below grade (fbg)
 Deepest groundwater depth: Approximately 10 fbg Flow Direction: North
 Most Sensitive Groundwater Use: Irrigation
 Are Drinking Water Wells Affected? No Aquifer Name: Not identified
 Is Surface Water Affected? No Nearest Surface Water: Redwood Creek (>2,000 feet)
 Off-Site Beneficial Use Impacts: None
 Report(s) on File? Yes Where filed? County Groundwater Protection Program and GeoTracker

Treatment and Disposal of Affected Material

<i>Material</i>	<i>Amount</i>	<i>Treatment or disposal</i>	<i>Date</i>
Tanks and piping	4 tanks	Disposal (location not established)	February 1999
Soil surrounding fuel	1,163 tons	Disposal, Ox Mountain Landfill	August 2011
Water and NAPL in UST cavity	21,000 gallons	Disposal in sanitary sewer	February 1999



Maximum Documented Contaminant Concentrations - Before and After Cleanup

<i>Contaminant</i>	SOIL (mg/kg)				GROUNDWATER* (ug/l)	
	<i>Unsaturated Zone Before Cleanup</i>	<i>Saturated Zone Before Cleanup</i>	<i>Unsaturated Zone After Cleanup*</i>	<i>Saturated Zone After Cleanup</i>	<i>Before Cleanup</i>	<i>After Cleanup</i>
TPH-diesel	14	7,000	<1	--	970,000	<3,900
Naphthalene	--	--	--	--	--	<10
TPH-gasoline	2	4,800	<0.5	--	40,000	<300
Benzene	<0.005	19	<0.005	--	12,000	<5.3
Toluene	<0.005	12	<0.005	--	4,600	<0.5
Ethylbenzene	<0.005	100	<0.005	--	2,400	<0.5
Xylenes	<0.01	150	<0.005	--	7,000	<0.5
MTBE	0.65	43	<0.005	--	130,000	<6.1

“Before Cleanup” based on results from samples collected prior to 2003
 Unsaturated zone defined to include samples collected between grade and 5.5 fbg
 -- = not investigated

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the RWQCB Basin Plan? <i>Yes</i>
Does completed corrective action protect potential beneficial uses per the RWQCB Basin Plan? <i>Yes</i>
Does corrective action protect public health for the current land use? <i>Yes</i>
Site Management Requirements: <i>None</i>
Should corrective action be reviewed if land use changes? <i>No</i>
Monitoring Wells Decommissioned: <i>Yes, 4 wells.</i> Number Retained: <i>0</i>
List Enforcement Actions Taken: <i>None</i> List Enforcement Action Rescinded: <i>None</i>

V. RWQCB NOTIFICATION

<i>Date Submitted to CRWQCB:</i> SEP 10 2013	<i>RB Response:</i> CONCURRED 9.27.13
<i>RWQCB Staff:</i> Cheryl L. Prowell	<i>Title:</i> Water Resource Control Engineer

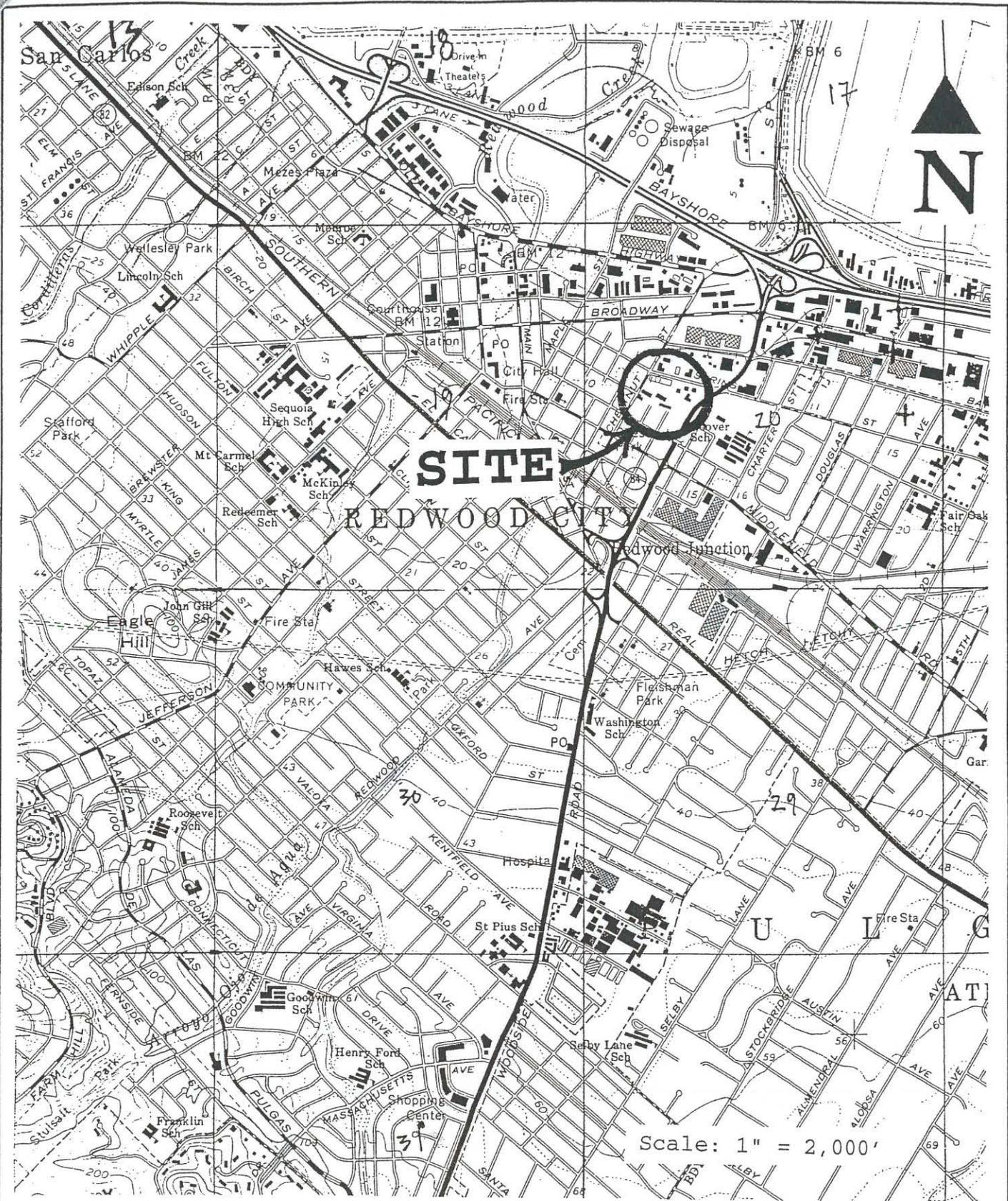
Comments: None.



Dean D. Peterson, Director of Environmental Health

9/4/13

Date



ATLAS

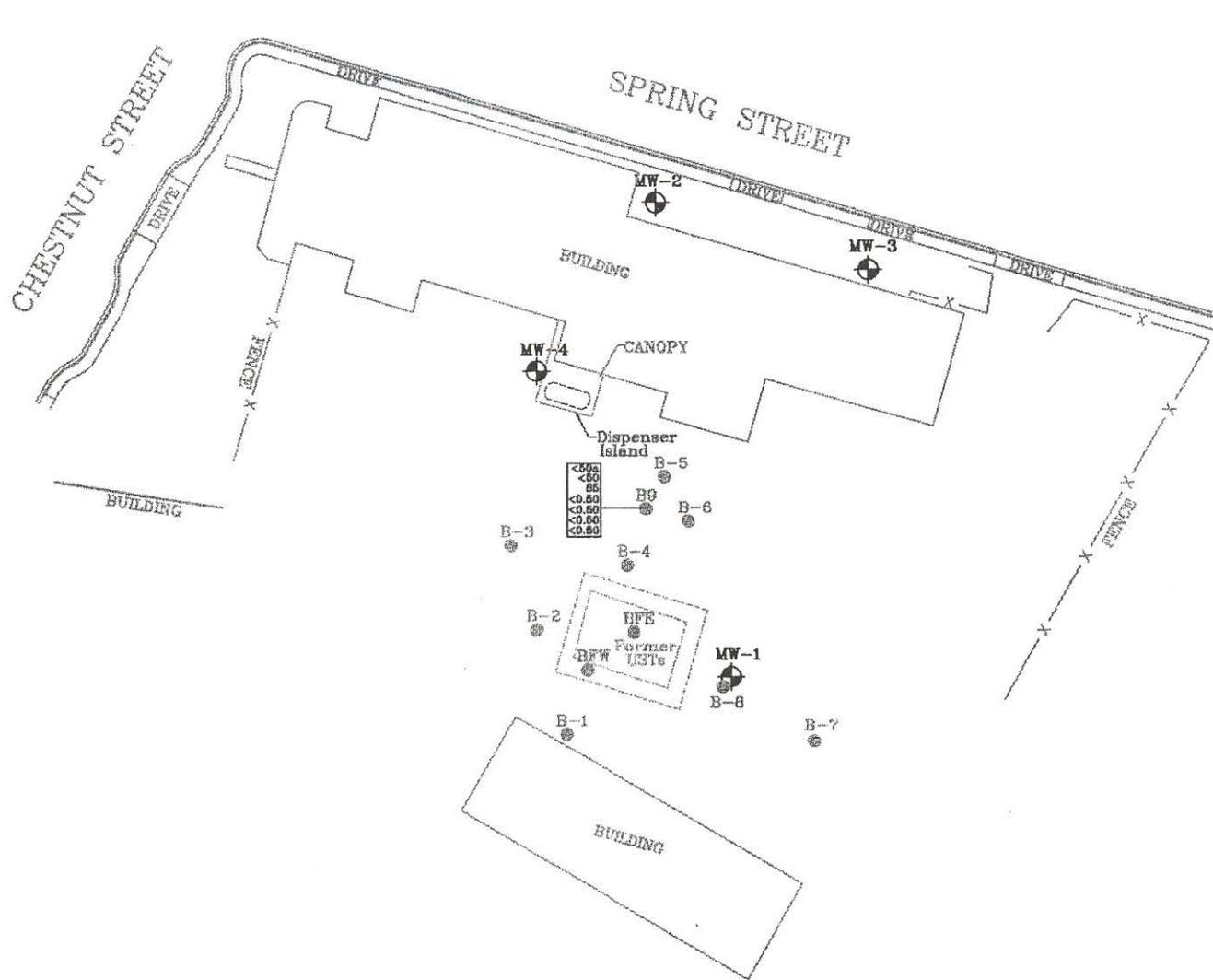
ENGINEERING SERVICES, INCORPORATED

Figure 1. Location Map
 SMCDPW Grant Yard
 752 Chestnut
 Redwood City, CA

Analyte Concentrations in ug/L
 Sampled June 2, 2008

- <50 Total Petroleum Hydrocarbons as diesel
- <50 Total Petroleum Hydrocarbons as gasoline
- 50 Methyl Tertiary Butyl Ether
- <0.50 Benzene
- <0.50 Toluene
- <0.50 Ethylbenzene
- <0.50 Total Xylenes

< Less Than the Stated Laboratory Reporting Limit
 ug/L Micrograms per Liter
 a Silica gel cleanup.



APPROXIMATE SCALE
 0 50 100 Feet
 1" = 30 FT

FN 25970002_SP



GROUNDWATER GRAB SAMPLE
 SAN MATEO COUNTY GRANT CORPORATION YARD
 752 Chestnut Street
 Redwood City, California

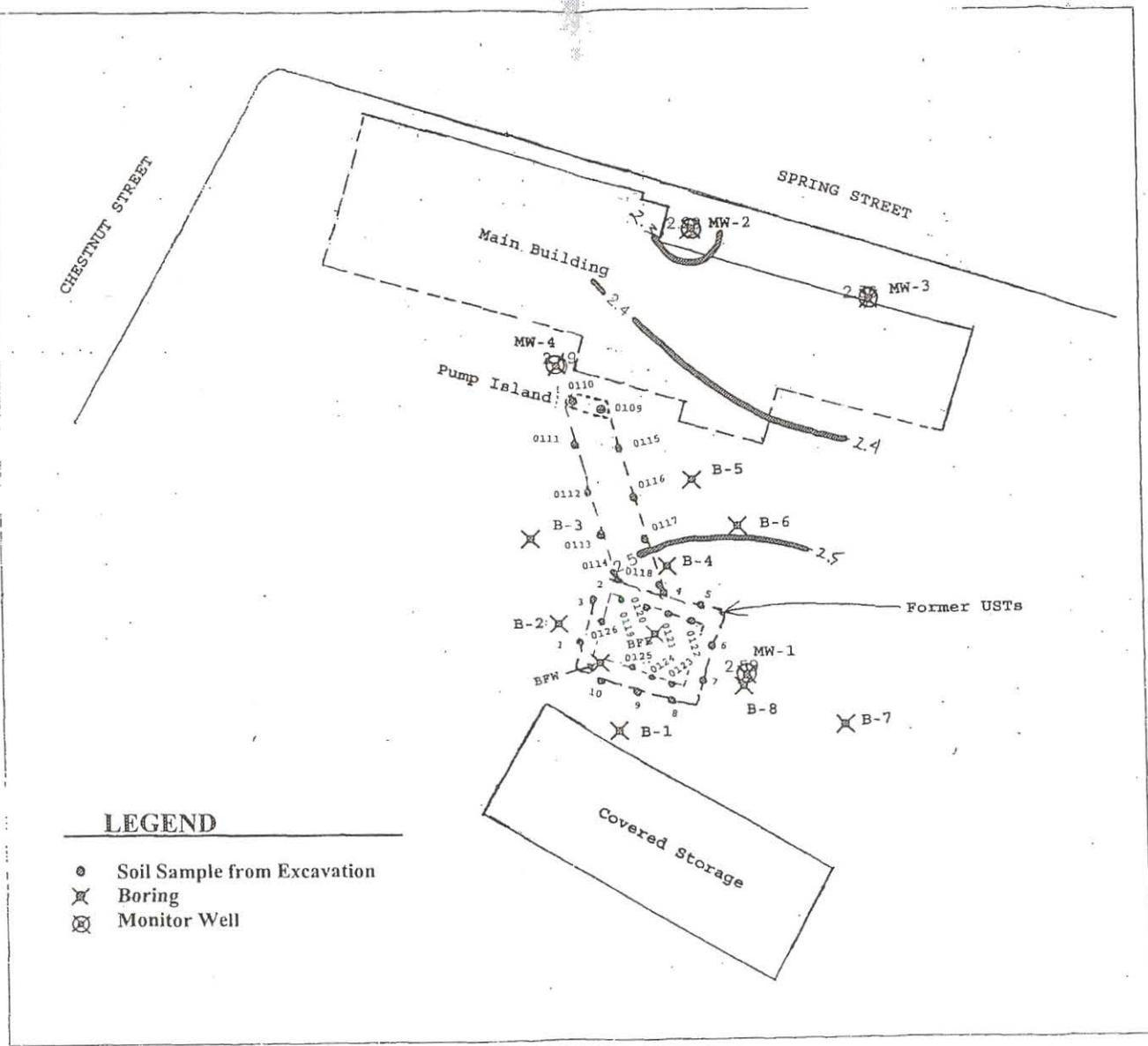
EXPLANATION
 MW-4
 ● Groundwater Monitoring Well
 B9
 ● Soil Boring

PROJECT NO.
 2597
 PLATE
 2

From GeoMAP # 9057
 (modified by GPP staff)

FIGURE 2

FIGURE 3



LEGEND

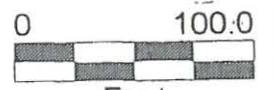
- Soil Sample from Excavation
- ⊗ Boring
- ⊗ Monitor Well

ATLAS
 P.O. Box 1166
 SAN CARLOS, CA 94070

Figure 3. WSE Contour Map (3-12-03)
 SMC Grant Corporation Yard
 752 Chestnut Street
 Redwood City, Calif.



1" = 80 FT.



Feet

Scale: 1" = 50'

US State Plane 1983
 California Zone 3 0403
 NAD 1983 (Conus)

combined.ssf
 9/25/2002

GPS Pathfinder® Office



(Modified by GPP staff)
 FERM 6.10.03 REPORT

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: San Mateo County - Grant Yard	Bldg. No.:
Site Address: 752 Chesnut Street	City: Redwood City Zip: 94063
Facility Contact Person: John Silva	Contact Phone No.: (650) 363-4147
Make/Model of Monitoring System: Veeder-Root TLS-350	Date of Testing/Servicing: 04/11/2014

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced::

Tank ID: T1 - 20,000 Gals. DW Steel Unleaded 87 <input checked="" type="checkbox"/> In-Tank Gauging Probe. Model <u>MAG-1</u> <input checked="" type="checkbox"/> Annular Space or Vault Sensor. Model <u>794390-420</u> <input checked="" type="checkbox"/> Piping Sump / Trench Sensor(s). Model <u>794380-208</u> <input type="checkbox"/> Fill Sump Sensor(s) Model _____ <input checked="" type="checkbox"/> Mechanical Line Leak Detector. Model <u>VMI 99 LD-2000</u> <input type="checkbox"/> Electronic Line Leak Detector. Model _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).	Tank ID: T2 - 20,000 Gals. D/W Steel Diesel <input checked="" type="checkbox"/> In-Tank Gauging Probe. Model <u>MAG-1</u> <input checked="" type="checkbox"/> Annular Space or Vault Sensor. Model <u>794390-420</u> <input checked="" type="checkbox"/> Piping Sump / Trench Sensor(s). Model <u>794380-208</u> <input type="checkbox"/> Fill Sump Sensor(s) Model _____ <input checked="" type="checkbox"/> Mechanical Line Leak Detector. Model <u>VMI 99 LD-2000</u> <input type="checkbox"/> Electronic Line Leak Detector. Model _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).
Tank ID: <input type="checkbox"/> In-Tank Gauging Probe. Model _____ <input type="checkbox"/> Annular Space or Vault Sensor. Model _____ <input type="checkbox"/> Piping Sump / Trench Sensor(s). Model _____ <input type="checkbox"/> Fill Sump Sensor(s) Model _____ <input type="checkbox"/> Mechanical Line Leak Detector. Model _____ <input type="checkbox"/> Electronic Line Leak Detector. Model _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).	Tank ID: <input type="checkbox"/> In-Tank Gauging Probe. Model _____ <input type="checkbox"/> Annular Space or Vault Sensor. Model _____ <input type="checkbox"/> Piping Sump / Trench Sensor(s). Model _____ <input type="checkbox"/> Fill Sump Sensor(s) Model _____ <input type="checkbox"/> Mechanical Line Leak Detector. Model _____ <input type="checkbox"/> Electronic Line Leak Detector. Model _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: #1-2 - Gasboy 9153 AX <input checked="" type="checkbox"/> Dispenser Containment Sensor(s). Model <u>794380-208</u> <input checked="" type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).	Dispenser ID: #3-4 - Gasboy 9153 AX <input checked="" type="checkbox"/> Dispenser Containment Sensor(s). Model <u>794380-208</u> <input checked="" type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).
Dispenser ID: #5-6 - Gasboy 9153 AX <input checked="" type="checkbox"/> Dispenser Containment Sensor(s). Model: <u>794380-208</u> <input checked="" type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).	Dispenser ID: #7-8 - Gasboy 9153 AX <input checked="" type="checkbox"/> Dispenser Containment Sensor(s). Model <u>794380-208</u> <input checked="" type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).
Dispenser ID: <input type="checkbox"/> Dispenser Containment Sensor(s). Model _____ <input type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).	Dispenser ID: <input type="checkbox"/> Dispenser Containment Sensor(s). Model _____ <input type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply): System set-up Alarm history report

Technician Name (print): Luis Estuardo Carrera	Signature: <i>L. Carrera</i>
Certification No.: VR: B38136 ICC: 8034352-UT	License No.: 762034
Testing Company Name: TEC Accutite	Phone No.: (650) 616-1200
Site Address: 262 Michelle Court, South San Francisco, CA 94080	Date of Testing: 04/11/2014

MONITORING SYSTEM CERTIFICATION

D. Results of Testing/Serviceing

Software Version Installed: **331.00**

Complete the following checklist:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Is the audible alarm operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Is the visual alarm operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input checked="" type="checkbox"/> N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? <i>(Check all that apply)</i> <input checked="" type="checkbox"/> Sump/Trench Sensors; <input checked="" type="checkbox"/> Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks <u>and</u> sensor failure/disconnection? <input checked="" type="checkbox"/> Yes; <input type="checkbox"/> No.
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input checked="" type="checkbox"/> N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?
<input type="checkbox"/> Yes*	<input checked="" type="checkbox"/> No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
<input type="checkbox"/> Yes*	<input checked="" type="checkbox"/> No	Was liquid found inside any secondary containment systems designed as dry systems? <i>(Check all that apply)</i> <input type="checkbox"/> Product; <input type="checkbox"/> Water. If yes, describe causes in Section E, below.
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

* **Mechanical overfill prevention valve - Flapper valve set at 90% protection installed in fill riser for all tanks.**

MONITORING SYSTEM CERTIFICATION

F. In-Tank Gauging / SIR Equipment

- Check this box if tank gauging is used only for inventory control.
- Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all tank gauging probes visually inspected for damage and residue buildup?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Was accuracy of system product level readings tested?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Was accuracy of system water level readings tested?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all probes reinstalled properly?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD):

- Check this box if LLDs are not installed.

Complete the following checklist:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (Check all that apply) Simulated leak rate: <input checked="" type="checkbox"/> 3 g.p.h.; <input type="checkbox"/> 0.1 g.p.h.; <input type="checkbox"/> 0.2 g.p.h.
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Was the testing apparatus properly calibrated?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input checked="" type="checkbox"/> N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input checked="" type="checkbox"/> N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input checked="" type="checkbox"/> N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input checked="" type="checkbox"/> N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all items on the equipment manufacturer's maintenance checklist completed?

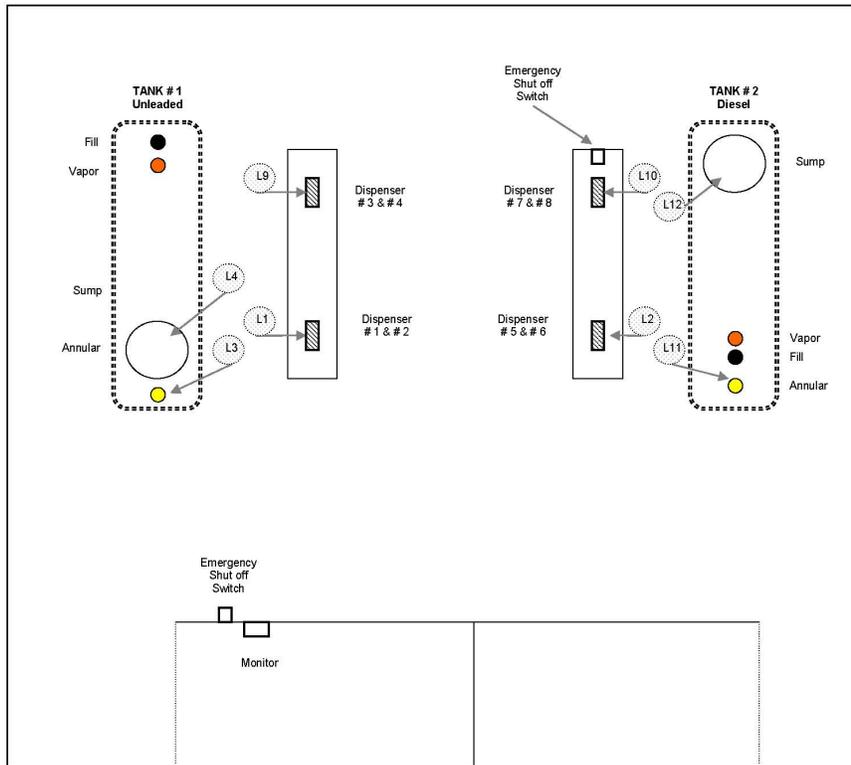
* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments:

MONITORING SYSTEM CERTIFICATION

I. UST Monitoring Site Plan

Site Address: 752 Chesnut Street, Redwood City, CA



Date map was drawn:

**APPENDIX F:
TRC STAFF AND ENVIRONMENTAL PROFESSIONAL
QUALIFICATIONS/RESUMES**

R. M. Dharme Rathnayake, Ph.D., P.E.

EDUCATION

Ph.D., Civil Engineering, Water Resources/Groundwater, Colorado State University, 1985
M.S., Hydrology/Water Resources Engineering, Asian Institute of Technology, Thailand, 1981
B.S., Civil Engineering, University of Sri Lanka, 1997

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

Professional Engineer, California, (#45296), 1989; Oregon (#14628), 1989; Washington (#24653), 1987

AREAS OF EXPERTISE

- Remedial investigations, feasibility studies, and alternatives analyses
- Bench and field-scale pilot studies
- Remediation system design and operations management
- Groundwater flow and contaminant transport modeling
- Technical solutions and lifecycle cost modeling to support environmental risk management and liability transfer
- Project management

REPRESENTATIVE EXPERIENCE

Dr. Rathnayake has more than 27 years of experience as a Senior Project Manager/Senior Engineer on a wide array of environmental and hazardous waste engineering, civil infrastructure, water resources, and utility engineering projects. He has large scale site environmental engineering experiences including soil management, site remediation associated with earthwork projects and regulatory negotiations with respect to soil and groundwater reuse. His engineering experience includes civil design associated with site development, wet and dry utility management, civil infrastructure, water and wastewater system planning and construction oversight. Some of his recent project experience includes soil management, site grading, waste water, storm water infrastructure designs, and the soil and groundwater management related to site redevelopment work at Former Hunters Point Shipyard (San Francisco Redevelopment Project), soil and sediment reuse at Port of Oakland Vision 2000 program, site remediation work at a former chemical manufacturing facility in Richmond, airport redevelopment at Port of Oakland, and infrastructure engineering support at former Fleet Industrial Supply Center – Oakland (FISCO), Oakland Army Base and San Francisco Presidio. His experience also includes cost estimating, scheduling and construction management and design/build turnkey projects.

January 2009 to August 2011

Environmental Oversight of Site Remediation and Monitoring, Former Navy Hunters Point Shipyard Site (HPS) – Phase II, San Francisco, CA
Principal Remediation Engineers

This Project includes oversight of all soil and groundwater remediation activities completed by Navy SWDIV of this 500-acre site of this former Naval Shipyard (HPS) which primarily consists of elevated levels of metals and organic compounds in soil, groundwater and sediments within the site media. The HPS is a superfund site and the lead regulatory agency for the site is EPA Region IX with significant assistance from CA Department of Toxic Control (DTSC) and the San

Francisco Department of Public Health (DPH). Site is divided into Parcels B, G, C, and D, E and F and remediation activities for each Parcel is accomplished by Navy under an approved ROD or planned ROD. Parcel B and G RODs are approved including some of the sub-parcels of B work has been completed under an approved RAWP and LTM plan. Remediation activities includes excavation and disposal, in-situ groundwater treatment using Zero-valent ion (ZVI) and poly-lactate injections, site cover construction, long term monitoring of groundwater and deed restrictions.

Dr. Rathnayake is the Project Manager and Technical Lead for this project. Responsible for preparation of work plans, comments documents, supervision of other technical personnel, Coordinating with Navy on work between Navy/City/Developer consultants, working with regulatory agencies, working with site developer and prime contractor and other stakeholders for expedited resolutions of problems encountered. Navy's estimated remediation costs for the HPS program is over \$500 mil under the Navy BRAC program and with oversight budget to date exceeding \$10 mil.

January 1998 – December 1999

Port of Oakland, CA

Early Transfer and Redevelopment of Former Fleet Industrial Supply Center, Oakland (FISCO), CA

Principal Remediation Engineer/Project Manager

Dr. Rathnayake was the Project Engineer in charge of assisting the Port of Oakland to complete the Finding of Suitability for Early Transfer and development of a Soil Reuse Plan. He was also in charge of completing the scope of work and cost elements needed to complete the Performa for the early transfer including the analysis of existing water, sewer, and storm infrastructure. The Performa included the remedial scope of work, remedial costs, O&M costs, insurance, and additional management and contingency costs. The early transfer was successfully completed. Dr. Rathnayake was also responsible for implementation of various remedial elements negotiated as part of the early transfer and the utility reconstruction with respect to the site being developed as a marine terminal. The major element of the environmental remediation includes preparation of soil and groundwater management plan for handling one million cubic yard of potentially contaminated soils. The soils soiling and analysis plan and stockpiling plan were development and field implemented for efficient site grading and soil reuse.

February 1999 – January 2000

Port of Oakland, Oakland, CA

Early Transfer and Remedial Costing Support for the Transfer of Former Oakland Army Base, C.

Principal Engineer

Dr. Rathnayake was the Principal Engineer in charge of assisting in the completion of the FOSET. He was also in charge of completing the scope of work and cost elements needed to complete the Performa for the early transfer. The Performa included the remedial scope of work, remedial costs, O&M costs, PLL and cap cost insurance, and additional management and contingency costs. The early transfer was successfully completed. Dr. Rathnayake, as lead civil engineer, oversaw work that included assessment of capacity and condition of existing utilities, coordination with relevant public agencies, providing utility improvement recommendations, cost estimating, and report preparation related to a parcel of land slated for redevelopment.

January 2003 – December 2004**Port of Oakland, Oakland, CA****Design/Build utility Infrastructure Project for the Oakland Airport New Rental Car Facility****Project Manager**

Dr. Rathnayake was the Project Manager for a Utility Infrastructure design/build project for the Dollar-Rent-A-Car site at the Port of Oakland/Oakland Airport. Work included civil design, geotechnical design work, utility designs, and construction management. Dr. Rathnayake also provided final close out and site hand over with staff training included for facility maintenance.

February 1998 – December 1998**Presidio Trust, San Francisco, CA****Early Transfer and Remedial Costing Support for the Transfer of Former Army Presidio Site to Presidio Trust****Senior Engineer**

As Lead Engineer, Dr. Rathnayake completed a detailed review of existing RI/FS and remedial action plans for the various IR sites at the Presidio. He completed a revised remedial action scope of work and proposed remedial costs needed for the early transfer of the Presidio. The work was completed in support of the Presidio Trust's negotiation effort with the US Army for completing the guaranteed fixed-price transfer of the property from the Army to the Trust. Dr. Rathnayake also presented data to key stakeholders.

October 1990 – January 1995**Port of Richmond, CA****RI/FS/RAP for the Former Shipyard No. 2 Site in Richmond, CA****Project manager/Principal Engineer**

Dr. Rathnayake was the Project Manager and Technical Lead in charge of the design of a 53-acre site cap consisting of non-asbestos material, aggregate rock base, and asphalt. The contaminants included asbestos, heavy metals, and hydrocarbons. He conducted site evaluation for remedial action implementation at this former shipyard manufacturing facility. Work involved site evaluation and remedial planning at the near-shore property, a former dredged inlet constructed for ship dismantling, and at the shoreline and harbor ship channel area. He managed technical, regulatory (EPA and California agencies), and logistical aspects of this redevelopment project. Key to the success of this project was the regulatory approval for reuse of dredged sediments, from the harbor channel deepening project (about 200,000 years of potentially contaminated material), as site cover material for the near-shore property. The site will be used for import car parking facility with rail access for their west-coast distribution. He also helped the Port evaluate options for sediment disposal for the harbor-deepening project.

January 1992 – January 1993**Ports of Los Angeles and Long Beach, CA****Various Remediation Projects****Technical Lead**

Dr. Rathnayake was the Technical Lead/Technical Reviewer for assorted port projects associated with development of former petroleum hydrocarbon and other chemical storage facilities. He assisted the Ports in evaluating environmental and water quality impacts during the proposed Berth project. Activities included identification of options to contain a PCP plume

(DNAPL pool) by construction of a sheet pile wall and recommendations for sediment characterization using chemical testing and bioassays for disposal purposes.

January 2003 – May 2004

***Napa County Flood Control District, Napa, CA
Development and Field Oversight of Dredge Sediment Reuse Plan
Project Director/Manager***

Dr. Rathnayake was the Project Director in charge of Napa River Flood Control Project - soil and sediment management and reuse plans. Over one million yard of soils excavated as part of flood plain management required proper management and disposal and re-sue to meet site specific soil criteria. Work included coordination with agencies, oversight of development of excavation and reuse plans, and development of designs for marsh plain and flood plain potential wetland areas.

August 1985 – January 1987

***Port of Seattle, WA
Pier 90 Redevelopment and Site Remediation Project
Project Engineer***

Dr. Rathnayake evaluated options for contaminated dredge disposal for a harbor-deepening project. Pier 90 shallow waterway was selected as a near-shore sediment containment facility for disposal of the sediments contaminated with heavy metals and hydrocarbons, including PAH compounds. He performed contaminant transport modeling using SUTRA, to evaluate metal migrations through the shallow piers and containment berms and defined long-term monitoring needs for the fill. Once the shallow waterway was filled, the area was used for storage of imported automobiles.

January 1989 – December 1989

***Soil and Groundwater Remediation, Former Fairchild Semiconductor Manufacturing Facility, San Jose, CA
Project Engineer***

Dr. Rathnayake participated in the design of a 3000-foot-long soil-bentonite slurry wall to a depth of 65+ feet to isolate TCE/PCE plume. This included soil excavation using large-diameter auger drilling to remove DNAPLs, groundwater pump and treat (activated carbon) system including NPDES discharge and the follow-up soil vapor extraction. Construction oversight included field QA/QC testing of slurry wall to confirm 10^{-7} cm/sec permeability to meet design criteria.

January 1998 to December 1998

***Design and Construction Management of a Soil Cement Perimeter Cutoff Wall, Gap Work Headquarters in San Francisco, CA
Principal Civil Engineer/Project Manager***

This project included design and the field oversight of a soil/cement groundwater cut-off wall as part of the construction of a 2-level underground parking structure for the new 15-story GAP world headquarters building. The excavated soil (about 10,000 cubic yards) had to be treated on-site to reduce the toxicity of metal-contaminated soil prior to offsite disposal. All work was completed within a space constraint while facilitating day-to-day traffic and meeting other

air/water quality management requirements.

January 1996 – December 1996
Navy PACDIV, Petroleum Product Leak Management Design, Pearl Harbor, HI
Technical Lead/Principal Engineer

At Pearl Harbor, Hawaii, Dr. Rathnayake provided design, constructability review, and field support for a product containment project along a portion of the Naval Activities Pearl Harbor shoreline. Project elements included design of an impermeable wall, as well as a petroleum product recovery trench and treatment system. Logistics were complicated by the extensive ship operations at the nearby piers.

January 2004 – December 2004
Stanford Linear Accelerator
Evaluation and Engineering Analysis of Tunnel Drainage

Dr. Rathnayake was the Project Director for the accelerator tunnel drainage assessment at Stanford Linear Accelerator including ecological risk assessment and potential sediment remediation.

January 1989 – August 1999
Xerox Corporation, Pomona, CA
Groundwater Remediation at Pomona Facility
Project Manager/Senior Engineer

Dr. Rathnayake was Project Manager for a hydrogeologic characterization and remedial action for a site that involved development of a groundwater monitoring program, implementation of a long term groundwater extraction and treatment system (carbon treatment) and a National Pollutant Discharge Elimination System (NPDES) compliance program.

August 1985 – December 1986
Shell oil Refinery, Anacortes, WA
RCRA Part B Permitting of Refinery Land Treatment Unit
Project Engineer/Hydrogeologist

Dr. Rathnayake was Project Engineer/Manager for hydrogeologic characterization for RCRA Part B permitting and development of a long-term groundwater monitoring program including site modeling to support vadoze and saturated zone monitoring requirements.

January 1986 – December 1986
Port of Tacoma, WA
Near Shore Sediment Containment Facility Design as Part of Port Expansion
Project Engineer/Hydrogeologist

Dr. Rathnayake was Technical Engineer/ Project Hydrogeologist for completing hydrogeologic and modeling aspects for this site. Work involved defined water quality monitoring objectives for long-term monitoring.

January 1986 – December 1986
Navy NWDIV, Bangor, WA
Design/Build Groundwater Treatment System
Project Engineer

Dr. Rathnayake was the design Engineer for a design/build project for design, construction, and operation of a \$3.0 million water treatment facility for RDX- and TNT-contaminated groundwater. Over three miles of piping were installed to connect extraction and re-injection wells to an aboveground activated-carbon treatment system. Water quality was an important factor in the design and operation of the treatment system in order to prevent degradation of Native American salmon fisheries.

March 1993 – August 1994
Santa Fe Pacific Pipeline Partners
Emergency Response Support for Containment of Petroleum Fuel Due Pipeline Rupture
at a Site in Richmond, CA
Project Engineer/Manager

Dr. Rathnayake was Project Engineer/Manager responsible for investigation and remediation of soil and groundwater because of a petroleum hydrocarbon pipeline rupture. He coordinated NPDES permitting, groundwater quality monitoring and regulatory interactions.

January 1988 – December 1999
AMD Semiconductor Corporation, Sunnyvale, CA
RI/FS/RAP for the AMD Superfund Site
Project Manager/Senior Engineer

Dr. Rathnayake was the Plan Supervisor for a Remedial Investigation/Feasibility Study/Remedial Action at the National Priority List (NPL) site in Sunnyvale. He was responsible for completion of all work plans, site characterization, risk assessment, interim and final RI/FS reports and overall project QA/QC.

January 1987 – January 1988
Port of Tacoma, WA
Milwaukee Waterway Redevelopment Project
Project Engineer

Dr. Rathnayake performed hydrogeologic assessment of the Milwaukee Waterway in consideration of a near-shore contaminated dredge disposal facility. Contaminated sediments were to be transported from other waterways where harbor deepening activities were needed for port development. A habitat protection in the Puyallup River entrance area was of significant importance for the project and the presence of soft soils created soil stability concerns for the waste containment berm. He performed alternative analysis of various containment structures including leachate and elutriate testing, and contaminant transport evaluations. He also evaluated different sediment conveyance systems for dredged sediment transport to minimize the impact on existing waterways and port traffic.

January 1986 – January 1987
US Navy, NWDIV, Silverdale, WA
U.S. Navy, Everett Homeport
Project Hydrogeologist

Dr. Rathnayake conducted hydrogeologic and geologic evaluations for site redevelopment and construction of the Navy's new homeport. Geologic fieldwork included tidal studies, hydraulic analyses of rainfall infiltration and methane migration, and recommendations for gas mitigation. He also evaluated dewatering needs for the near-shore construction activities, such as a new dockyard.

January 1991 – December 1993
Port of Redwood City
Former Gibson oil Terminal Waste Water Treatment and Litigation Support
Senior Engineer/Technical Lead

Dr. Rathnayake performed independent evaluation of waste management and treatment practices at a near-shore, independently operated, waste treatment facility, to evaluate the compliance with regulatory orders and water quality objectives. Work included working with a legal group for potential cost recovery aspects.

January 1996 – December 1996
US Navy PACDIV
Midway Island Restoration and Remediation Support
Principal Engineer

Dr. Rathnayake oversaw the planning, regulatory approval, and construction oversight of a marine debris removal program at Midway Island in the Pacific Ocean under the U.S. Navy PACDIV remedial action contract. Specialty subcontractors were utilized to complete dive survey followed by removal of debris by boat-mounted and near-shore cranes. Items included old motor vehicles, gas tanks, drums, and assorted other small equipment.

March 1996 – August 1997
US Navy PACDIV
Johnston Atoll Dioxin Remediation
Technical lead/Senior Engineer

Dr. Rathnayake managed the technical aspects of a dioxin- contaminated soil and sediment removal and containment project at the Johnston Atoll, Pacific Ocean as part of a U.S. Navy PACDIV remedial action program. Activities included evaluation of a seawall for erosion control and development of long-term drainage control measures for this near-shore property. He also completed sealing of a seawall to prevent hydrocarbon seepage and construction of several booms for potential spill control.

AFFILIATIONS

Member, American Society of Civil Engineers
Member, National Water Well Association
Member, American Geophysical Union

PROFESSIONAL HISTORY

Vice President/Program Manager, Prudent Technologies, Inc., San Francisco, California, 2011 to Date

Senior Principal Engineer/Senior Project Manager, MACTEC Engineering and Consulting, Inc., San Francisco, CA, 2007 to 2011

Principal Engineer, Insight Environmental Engineering & Construction, Inc., Oakland, California, 2005 to date

Principal Engineer, LFR, Inc., Emeryville, California, 2000 to 2005

Principal Engineer, Dames & Moore, San Francisco, California, 1997-2000

Engineering Manager, OHM Remediation Services Corporation, Pleasanton, California, 1995-1997

Senior Technical Manager, Hart Crowser, Inc., San Francisco, California, 1991-1995

Senior Engineer/Hydrogeologist, Pacific Environmental Group, Inc. 1990-1991

Staff Consultant/Project Supervisor, Canonie Environmental Services Corporation, San Mateo and Englewood, California, 1988-1990

Senior Project Hydrogeologist, Hart Crowser, Inc., Seattle, Washington, 1985-1988

Research Assistant, Colorado State University, 1981-1985

Civil Engineer, Government of Sri Lanka (CECB and NWSDB), 1977-1979

LAUREN KOHLI

Project Manager/Environmental Planner

EDUCATION

B.A., Sociology, University of California, Santa Barbara, 2006

AREAS OF EXPERTISE

Ms. Lauren Kohli has technical experience in the following general areas:

- Phase I Environmental Site Assessments
- Environmental Planning
- CEQA/NEPA
- Technical Editing

REPRESENTATIVE EXPERIENCE

Ms. Kohli is a project manager and environmental planner with over 6 years of experience including land use and environmental planning, preparation of CEQA- and NEPA-compliant environmental documents, and technical editing. She has worked with various public and private sector clients, including federal, state, and local agencies throughout California. She assists clients with the environmental review process in compliance with CEQA and NEPA requirements, including the preparation of initial studies, environmental assessments, negative declarations, environmental impact reports (EIRs), environmental impact statements (EISs), and technical documentation.

Candlestick Point State Recreation Area General Plan/EIR, San Francisco, CA

Assisted in the development of a new general plan for Candlestick Point SRA, the state's first urban state park. Situated along the San Francisco Bay, the park must confront the challenge of providing recreation for numerous urban residents while adapting to and minimizing the adverse effects of sea level rise. Opportunities exist to integrate the park into San Francisco's green infrastructure and demonstrate the city's commitment to sustainability by providing opportunities for stormwater treatment, alternative transportation, and urban agriculture.

Group I: 950 Market Street Environmental Impact Report (EIR), San Francisco, CA

Assisting in the preparation of the EIR for the 950 Market Street project, which will demolish five existing buildings and develop most of the triangular Market-Turk-Taylor block of San Francisco with approximately 446,000 sq. ft. of mixed-uses in two towers including arts, education, residential, hotel, and retail space. The site is a key location in the Mid-Market area, where the City is pursuing policies to activate the corridor with new arts uses, other mixed uses, and improve the pedestrian conditions, upgrade streetscape, reduce the impact of vehicle traffic. The key issues for environmental review will be historic resources, transportation and circulation, land use planning. The EIR will also address wind effects, noise conditions, and air quality effects.

California Pacific Medical Center, Campus Long Range Development Plan EIR, San Francisco, CA

Assisted in the preparation of a program-level EIR Comments and Responses document for four existing campuses and a new campus hospital for California Pacific Medical Center, a Sutter Health affiliate. The new hospital is scheduled to be constructed by 2015, with the full institutional master plan build-out occurring by 2020.

City of San Francisco, 800 Indiana Street Residential Development, San Francisco, CA

Assisted with the preparation of the draft environmental documentation for the City and County of San Francisco for the proposed 338-dwelling unit residential development in the Dogpatch neighborhood. The project would demolish the existing San Francisco Opera Warehouse to develop residential buildings separated by large courtyards. Important environmental resource analysis will focus on historic resources due to the existing building and traffic and noise issues due to the proximity to I-280 Freeway.

San Francisco Veterans Affairs Medical Center Institutional Master Plan EIS, San Francisco, CA

Assisted in the preparation of a Draft EIS for the proposed 20-year SFVAMC Institutional Master Plan. The VA is proposing development or retrofitting of patient care buildings, research buildings, administrative buildings, hotel buildings, and parking structures to serve veterans in the San Francisco Bay Area. EIS alternatives include build out of the existing SFVAMC Campus at Fort Miley in San Francisco, relocation of the entire campus to a site within the South of Market/Mission Bay Area of San Francisco, a combination of on-site development and off-site space leasing, and no action. Other major issues addressed in the EIS include effects on local noise, air quality, traffic, and parking conditions during a multiple-year development process.

Intuit Mountain View Campus Phase 1, Mountain View, CA

Assisted with the review of the Landscape Design Manual for a project involving masterplan review, concept landscape design, schematic design and design guidelines for the planned reinvention of the site from a collection of separate spaces to a unified campus. Created templates and spearheaded the construction specification compilation effort, which involved delivering a template training to numerous sub-consultants and formatting the final package for submittal.

MEMBERSHIPS

Member, Urban Land Institute (ULI)

Member, San Francisco Planning + Urban Research Association (SPUR)

Katy Houston, EIT

EDUCATION

M.S., Civil Engineering, University of Southern California, 2010

B.S., Environmental Engineering, University of Southern California, 2010

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

Engineer-in-Training, California 139171

AREAS OF EXPERTISE

Ms. Katy Houston, EIT has technical experience in the following general areas:

- Site Remediation Design and Implementation
- Phase I Environmental Site Assessments
- Groundwater Remediation and Monitoring
- Carbon Emission Management Strategies
- Remedial Action Workplans

REPRESENTATIVE EXPERIENCE

Ms. Katy Houston has three years of experience working in environmental services. She first began working with a carbon emission management company, researching carbon emission reduction and offsetting strategies. Since working for TRC, she has gained experience in groundwater and soil remediation and monitoring as well as dust and soil vapor monitoring and studies and site assessments.

She has been involved in numerous interdisciplinary environmental projects, including preparation and implementation of Remedial Action Workplans and Completion Reports; Phase I and II Site Investigation Reports; and Groundwater Monitoring Reports. She has also been responsible for field coordination and oversight of soil excavation, underground fuel tank excavations and remediation activities, monitoring well installations and destructions, and groundwater monitoring. She has trained staff personnel in soil sampling and Phase I Environmental Site Assessments.

Teasdale Food Processing Plant Remediation Project Atwater, CA (Engineer, 2011-Present)

Ms. Houston was responsible for engineering and supervising activities associated with in-situ remediation process established for the site. Scope of work involved collection and analysis of water quality data, soil boring logging and sampling to determine the radius of contamination and progress of remediation activities. In addition, coordinating with subcontractors and monitoring injection of remediation materials into contamination plume.

United States Postal Service Vehicle Maintenance Facility, Willow Glen Station, San Jose, CA (Engineer, 2011-Present)

Ms. Houston monitors an in-situ remediation project (Soil Vapor Extraction System and Ozone Sparge System), performing routine groundwater monitoring at a vehicle maintenance facility impacted with petroleum hydrocarbons and fuel additives. She reviews the laboratory results, groundwater flow, and hydrologic data from site monitoring wells and prepares Groundwater Monitoring Reports to comply with Santa Clara County Department of Environmental Health Local Oversight Program requirements.

GBF/Pittsburg Landfill, Antioch, CA (Engineer, 2012)

Ms. Houston was responsible for preliminary investigations of soil vapor intrusion associated the site and surrounding areas. She conducted an extensive historical review of aerial photographs. She helped prepare environmental reports detailing possible soil vapor sources and transport.

Golden Gate Produce Terminal-UST Tank Removal, South San Francisco, CA (Engineer, 2012)

Ms. Houston was responsible for providing oversight of the proper removal of underground fuel tanks and associated piping at trucking fuel station. She reviewed the Remedial Action Completion Reports on behalf of the property owner to ensure regulatory compliance.

Phase I Environmental Site Assessment of Former Waste Management Unit at Steel Manufacturing Plant, Pittsburg, California (Engineer, 2013)

Ms. Houston completed a Phase I ESA and Regulatory Agency File Review of a 149-acre RCRA CORRACTS site. She identified and assessed recognized environmental conditions on site for planned future land use as solar panel field.

Cupertino Dog Park, Cupertino, CA (Engineer, 2013)

Ms. Houston was responsible for delineating the extent of lead-impacted soil at the Site and overseeing the excavation and soil removal activities. Ms. Houston prepared a Removal Action Workplan Completion Report, calculated the 95% Upper Confidence Level of contaminants remaining on site after excavations, and submitted to the Department of Toxic Substances Control to obtain a No Further Action letter.

MEMBERSHIPS

American Society of Civil Engineers (ASCE SF Bay)
Groundwater Resources Association (GRA)

**APPENDIX G:
ENVIRONMENTAL PROFESSIONAL STATEMENT**

**DEFINITION OF ENVIRONMENTAL PROFESSIONAL AND RELEVANT
EXPERIENCE THERETO PURSUANT TO 40 CFR 312**

(1) a person who possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases (see §312.1(c)) on, at, in, or to a property, sufficient to meet the objectives and performance factors in §312.20(e) and (f).

(2) Such a person must: (i) fuelhold a current Professional Engineer's or Professional Geologist's license or registration from a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) and have the equivalent of three (3) years of full-time relevant experience; or (ii) be licensed or certified by the federal government, a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) to perform environmental inquiries as defined in §312.21 and have the equivalent of three (3) years of full-time relevant experience; or (iii) have a Baccalaureate or higher degree from an accredited institution of higher education in a discipline of engineering or science and the equivalent of five (5) years of full-time relevant experience; or (iv) have the equivalent of ten (10) years of full-time relevant experience.

(3) An environmental professional should remain current in his or her field through participation in continuing education or other activities.

(4) The definition of environmental professional provided above does not preempt state professional licensing or registration requirements such as those for a professional geologist, engineer, or site remediation professional. Before commencing work, a person should determine the applicability of state professional licensing or registration laws to the activities to be undertaken as part of the inquiry identified in §312.21(b).

(5) A person who does not qualify as an environmental professional under the foregoing definition may assist in the conduct of all appropriate inquiries in accordance with this part if such person is under the supervision or responsible charge of a person meeting the definition of an environmental professional provided above when conducting such activities.

Relevant experience, as used in the definition of environmental professional in this section, means: participation in the performance of all appropriate inquiries investigations, environmental site assessments, or other site investigations that may include environmental analyses, investigations, and remediation which involve the understanding of surface and subsurface environmental conditions and the processes used to evaluate these conditions and for which professional judgment was used to develop opinions regarding conditions indicative of releases or threatened releases (see §312.1(c)) to the Site. TRC personnel resume(s) are included in **Appendix F**.

I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in §312.10 of 40 CFR 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature of
Environmental
Professional:



Date: 11/12/14



**Summary of Soil and Groundwater
Quality Assessments**

Motor Pool Project
752 Chestnut Street
Redwood City, California

November 26, 2014

This report has been prepared for:

San Mateo County Environmental Consulting Services

555 County Center, 5th Floor
Redwood City, California 94063

Project No. 218791

A handwritten signature in blue ink, appearing to read "Jacob Zepeda".

Jacob Zepeda
Project Geologist

A handwritten signature in blue ink, appearing to read "Dharme Rathnayake".

Dharme Rathnayake
Principal Engineer





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November 26, 2014
218791

Mr. Rob Kalkbrenner
Capital Projects Manager
COUNTY OF SAN MATEO
FACILITIES PLANNING, DESIGN &
CONSTRUCTION
555 County Center - Fifth Floor
Redwood City, California 94063

RE: SUMMARY OF SOIL AND
GROUNDWATER QUALITY
ASSESSMENTS
MOTOR POOL PROJECT (GRANT YARD)
752 CHESTNUT STREET
REDWOOD CITY, CALIFORNIA

Dear Mr. Rob Kalkbrenner:

The attached report summarizes work performed by TRC and details the results of soil and groundwater quality evaluations performed at the Motor Pool Project (Grant Yard) at 752 Chestnut Street in Redwood City, California (Site).

We refer you to the text of the report for details regarding this study. Thank you for choosing us to assist you. If you have any questions, please call Justin Hanzel-Durbin at 415-644-3050 or myself at 415-987-5186 and we will be glad to discuss them with you.

Sincerely,

TRC SOLUTIONS, INC.

A handwritten signature in blue ink, appearing to read "Dharme Rathnayake", with a long horizontal flourish extending to the right.

Dharme Rathnayake, P.E.
Principal Engineer

JPZ:DR:JHD:jcm

Copies: Addressee (email)

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SUMMARY OF SOIL AND GROUNDWATER QUALITY ASSESSMENTS
MOTOR POOL PROJECT (GRANT YARD)
752 CHESTNUT STREET
REDWOOD CITY, CALIFORNIA

1.0 INTRODUCTION

1.1 Purpose

In this report, we present the results of the soil and groundwater quality performed for Site B, the Motor Pool Project (Grant Yard) at 752 Chestnut Street in Redwood City, California (Site) by TRC. This work was performed for San Mateo County, who we understand is considering demolishing one building and construction another and refurbishing two others for alternate uses at the Site as shown on *Figures 1 and 2*.

1.2 Site Background

Site B is located in the southeast corner of the Grant Yard San Mateo County Road Department lot and includes three buildings and an adjacent fueling station (one building identified for demolition, two identified for reuse). The Site is bounded by Chestnut Street to the west, Spring Street to the north, Woodside Road/State Route 84 to the east and existing residences to the south. The project consists of demolition of one existing building, reuse of two existing buildings, possible relocating and reuse of below ground structures to be removed from Site A (EMC Project), and the construction of 9,100 square foot two-story utility building including storage and work space.

1.3 Previous Environmental Investigations

Site B was subject of a Leaking Underground Storage Tank (LUST) case in the late 1990s, which found that diesel had contaminated groundwater at the property. Historical information indicated the following underground storage tanks (USTs) were installed at the Site:

- One 500-gallon used-oil tank in 1951;
- One 6,000-gallon UST in 1951;
- One 2,000-gallon UST in 1955;
- Three 6,000-gallon USTs in 1955.

The Tanks from 1955 were removed in 1999 (condition and status of the 1951 tanks is unknown), and 800 cubic yards of total petroleum hydrocarbon (TPH) impacted soil was removed during this process and disposed off-Site. Four groundwater monitoring wells were installed to monitor groundwater impacted with TPH-diesel at the Site. Groundwater monitoring appeared to occur from 2002 through 2013, and generally indicated shallow groundwater flow towards the north. The LUST case was reviewed for closure in 2013, and the Site was approved for closure by the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) by September 2013. Although elevated final documented levels of TPH-diesel (<3,900 micrograms per liter [ug/L]) were still noted after cleanup, the SFRWQCB assumed that natural attenuation would occur. After destruction of the on-Site groundwater monitoring wells was complete, the SFRWQCB case (Grant Yard, S.M.C., #T0608116125) was closed on May 19, 2014, and no further corrective action was required.

2.0 SOIL QUALITY EVALUATION AND GROUNDWATER INVESTIGATIONS

2.1 TRC Preliminary Phase II Soil and Groundwater Quality Evaluation—October 24, 2014

TRC collected soil samples as part of a preliminary Phase II soil quality evaluation on October 24, 2014. To meet the needs of the Motor Pool Project at Site B, samples were collected from five boring locations to assess the Site environmental conditions prior to development and construction of the new Emergency Operations Center.

On October 24, 2014, TRC directed a subsurface exploratory program in order to collect discrete soil samples and grab groundwater samples from the five borings (SB-1 through SB-5) in selected areas as shown on *Figure 2*. Driller advanced the boring rods down to 15 feet below ground surface (fbgs) at SB-1, SB-2, and SB-5; and down to 12 fbgs at SB-3 and SB-4. The results of the soil samples collected from these borings are discussed in *Section 2.1.1*. Groundwater was not encountered in borings SB-1, SB-2, and SB-3, but was encountered in borings SB-4 and SB-5. Grab groundwater samples were collected from borings SB-4 and SB-5. Grab groundwater results are presented in *Section 2.1.2*.

2.1.1 Soil Quality Evaluation

TRC collected six soil samples from each of the two borings, SB-1 and SB-2, located in the planned new-building construction area as shown on *Figure 2*. Samples were collected at depths of 1 foot bgs, 1.5 fbgs, 3 fbgs, 4.5 fbgs, 6.5 fbgs, and 8 fbgs from each boring for a total of 12 soil samples. Samples collected from depths of 1.5 fbgs, 3 fbgs, 4.5 fbgs, 6.5 fbgs were submitted to a state-certified analytical laboratory, where they were composited and analyzed for Title 22 CAM 17 metals, pesticides, and polychlorinated biphenyls (PCB's).

Prior to compositing, the discrete samples collected at 4.5 fbgs from each boring were analyzed for volatile organic compounds (VOC's), semi-volatile organic compounds (SVOC's), and total petroleum hydrocarbons (TPH) as gasoline, diesel, and motor oil. Discrete samples collected at depths of 1 foot and 8 fbgs from each boring were submitted and analyzed for California Assessment Manual (CAM) 17 Metals, VOC's, SVOC's; and TPH as gasoline, diesel, and motor oil.

Laboratory analysis of the soil samples collected during this sampling event from borings SB-1 and SB-2 in the planned new-building construction area did not detect concentrations of metals above known natural-background concentrations (Duverge, 2011; Lawrence Berkeley National Laboratory, 2009; Bradford et al., 1996), or VOC's, SVOC's, pesticides, PCB's, or TPH-gasoline, TPH-diesel, or TPH-motor oil above their respective Commercial/Industrial Environmental Screening Levels (ESLs, SFRWQCB, Table A-2, December 2013).

Additionally, two soil samples were collected from each of the additional borings, SB-3, SB-4, and SB-5, located next to the existing fuel island, the covered dumping bays/wash bay and oil blow-out area, and near the sewer department building and vehicle/equipment storage, respectively. Samples were collected at depths of 1 fbgs, and 8 fbgs from each boring for a total of six soil samples, and were submitted to a state-certified environmental laboratory for discrete analysis for CAM 17 Metals, VOC's, SVOC's, and TPH as gasoline, diesel, and motor oil.

Laboratory analysis of the soil samples collected from borings SB-3, SB-4, and SB-5 next to the existing fuel island, the covered dumping bays/wash bay and oil blow-out area, and near the sewer department building and vehicle/equipment storage, respectively, did not detect concentrations of Metals, VOC's, SVOC's, TPH-gasoline, TPH-diesel, or TPH-motor oil above their respective ESLs.

A summary of analytical results from soil samples are presented in the attached *Table 1 and Table 2*. Laboratory reports are included in *Appendix A*.

2.1.2 Groundwater Quality Evaluation

Groundwater was not encountered in borings SB-1, SB-2, SB-3. However, groundwater was encountered in borings SB-4 and SB-5, and did not appear to contain any odors, but generally appeared light brown and very turbid when collected into sample bottles. Grab groundwater samples were collected and submitted to a certified- environmental laboratory for analysis of VOCs, SVOCs, Total CAM 17 Metals, and TPH-gasoline, TPH-diesel, and TPH-motor oil.

Results are discussed below, a summary of analytical results are presented in the attached *Tables 4 and 5*. Laboratory reports are included in *Appendix A*.

Laboratory analysis of the grab groundwater sample collected from boring SB-4 detected benzene at 1.8 ug/L, cis-1,2- dichloroethylene (DCE) at 8.1 ug/L, Perchloroethylene (PCE) at 11 ug/L, and trichlorethene (TCE) at 10 ug/L, above their respective California Maximum Contaminant Levels (MCLs). Isopropyl-benzene and n-Propyl-benzene were detected above laboratory reporting limits, but did not exceed Industrial Regional Screening Levels (EPA RSL's, May 2014). SVOC's and TPH-gasoline, TPH-diesel, and TPH-motor oil did not exceed their respective laboratory reporting limits or their Commercial- Industrial ESLs (SF Bay RWQCB ESLs, Table A-2, December 2013).

Laboratory analysis of the grab groundwater sample collected from boring SB-5 detected concentrations of benzene, cis-1,2-DCE, PCE, and TCE, isopropyl-benzene, and n-propyl-benzene, and TPH-gasoline, TPH-diesel, and TPH-motor oil; but well below their respective MCLs, Industrial RSL's, or Commercial/Industrial ESL's.

Total Metals were detected in the grab groundwater samples from SB-4 and SB-5, including barium, cobalt, copper, chromium, mercury, nickel, selenium, vanadium, and zinc. The laboratory analysis results for the total metals samples were qualified, in that these values were estimated due to the Practical Quantitation Limit and Method Detection Limit raised due to matrix interference in the samples, likely due to heavy sediment in the grab groundwater samples. It is likely that the dissolved metal concentrations may be at much lower levels compared to the total metal concentrations reported here if sampled from a clean access point, like a monitoring well.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the sampling performed at the Site, analysis of soil samples for metals, VOCs, SVOCs, pesticides, PCBs, and TPH were not detected above their respective Commercial/Industrial Environmental Screening Levels or naturally-occurring background levels. The removal of soil for construction purposes appears consistent with the proposed development. No further action appears required for soil characterization at the Site. We recommend providing this report and laboratory reports to the potential disposal facility for soil excavated associated with building construction at this Site, TRC also would consider reuse of excavated soil at a similar commercial/industrial site acceptable.

Laboratory analysis of grab groundwater samples detected benzene, PCE, and TCE, and cis-1,2-DCE in groundwater at sample location SB-4 which exceeds their respective MCLs.

We recommend delineating the extent of PCE, TCE, and cis-1,2-DCE contamination found in groundwater in the area of SB-4, which may have occurred from activities associated with the dumping bays/wash bay and activities associated with the oil blow-out area at the Site. If deep excavations are expected and de-watering is anticipated it is recommended that groundwater be sampled for metals from a clean access point to evaluate the options for management and disposal of groundwater. Due to the presence of PCE, TCE, and 1.2-DCE, we recommend providing the San Mateo County Division of Environmental Health with results of soil and groundwater data collected in a meeting with to discuss an appropriate course of action.

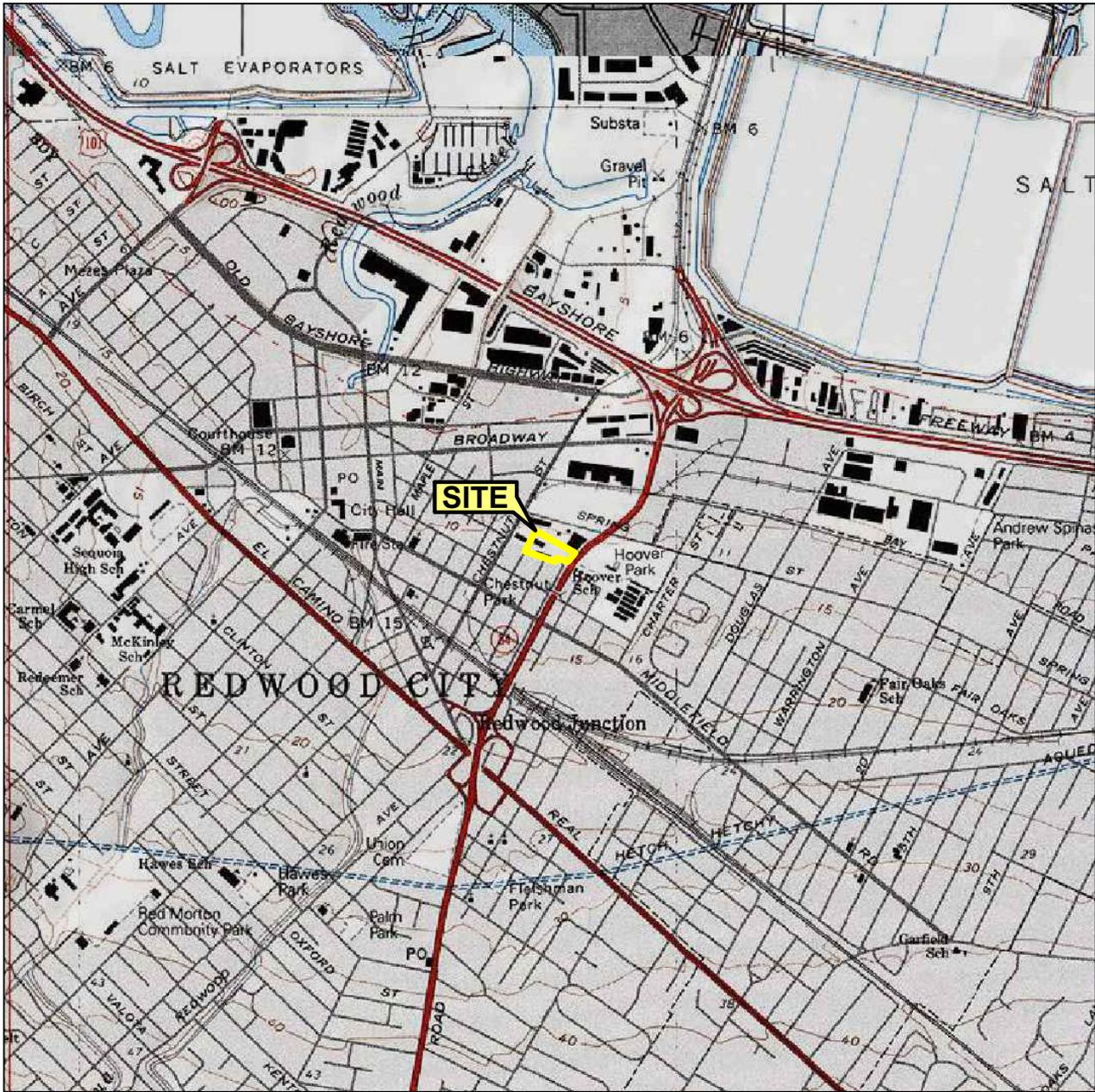
Based on TRC's understanding of proposed construction activities at this Site, we do not anticipate excavations going past 6 to 8 feet and, therefore, groundwater is unlikely to be encountered. If construction plans change and de-watering of groundwater is planned to be performed during Site grading, we recommend developing a Site Mitigation Plan for protection of workers who may be exposed to these contaminants in groundwater during any construction work which may occur in this area.

4.0 LIMITATIONS

This report was prepared for the sole use of the County of San Mateo in evaluating soil and groundwater quality at the Motor Pool Project (Grant Yard) at 752 Chestnut Street at the time of this study. We make no warranty, expressed or implied, except that our services have been performed in accordance with environmental principles generally accepted at this time and location. The chemical and other data presented in this report can change over time and are applicable only to the time this study was performed. We are not responsible for the data presented by others.

The accuracy and reliability of geo-chemical studies are a reflection of the number and type of samples taken and extent of the analyses conducted, and are thus inherently limited and dependent upon the resources expended. Chemical analyses were performed for specific parameters during this investigation, as detailed in the scope of services. Please note that additional constituents not analyzed for during this evaluation may be present in soil and groundwater at the Site. Our sampling and analytical plan was designed using accepted environmental principles and our judgment for the performance of a soil and groundwater quality evaluation and was based on the degree of investigation approved by you. It is possible to obtain a greater degree of certainty, if desired, by implementing a more rigorous soil and groundwater sampling program or evaluating the risk posed by the contaminants detected.

FIGURES



1 MILE 3/4 1/2 1/4 0 1 MILE



SCALE 1 : 24,000



SOURCE:

United States Geological Survey
7.5 Minute Topographic Maps:
Palo Alto Quadrangle, California



VICINITY MAP

San Mateo County
Motor Pool Project
752 Chestnut Street
Redwood City, California



218791

FIGURE 1

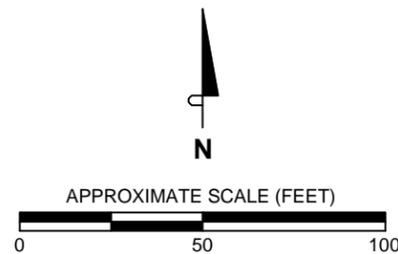
FILE NAME: N:\PROJECTS\CAD\San Mateo County\Motor Pool\Fig2_Site Plan.dwg | Layout Tab: 11x17



SOURCE AERIAL PHOTO: Google Earth, September 2014.

LEGEND

-  Hazardous materials storage
-  Approximate location of underground storage tank (UST)
-  Approximate location of soil and groundwater boring



SITE PLAN	
San Mateo County Motor Pool Project 752 Chestnut Street Redwood City, California	
	218791
FIGURE 2	

TABLES

Table 1. Analytical Results of Soil Samples, Metals
 Motor Pool Area (Grant Yard), 752 Chestnut Street, Redwood City, CA
 (concentrations in milligrams per kilogram)

Sample ID	Depth of Sample (feet)	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
SB-1 (1')	1	10/24/2014	<0.33	3.0	69	0.34 J	<0.052	88	17	39	2.1 J	<0.036	0.10 J	51	5.0 A10	0.21 J	2.9 J	88	46
SB-1 (8')	8	10/24/2014	<0.33	3.7	250	0.43 J	<0.052	27	5.0	17	4.5	<0.036	0.84 J	28	6.1 A10	<0.067	0.91 J	31	34
Comp SB-1	1½, 3, 4½, 6½	10/24/2014	<5.0	4.9	140	0.54	<0.50	38	6.9	20	4.8	0.049 J	0.34 J	28	<5.0 A10	0.089 J	<5.0	41	41
SB-2 (1')	1	10/24/2014	<0.33	4.7	170	0.60	0.086 J	47	8.3	24	7.6	<0.036	0.089 J	33	<4.9 A10	0.11 J	1.3 J	51	49
SB-2 (8')	8	10/24/2014	<0.33	5.2	110	0.42 J	0.070 J	36	7.4	20	4.1	0.051 J	0.89 J	37	5.5 A10	<0.067	1.2 J	37	45
Comp SB-2	1½, 3, 4½, 6½	10/24/2014	<5.0	5.8	170	0.63	<0.50	43	8.7	23	6.4	<0.16	0.38 J	35	15 A10	0.11 J	<5.0	46	51
SB-3 (1')	1	10/24/2014	<0.33	11	180	0.64	0.056 J	48	10	26	6.3	<0.036	0.050 J	38	8.3 A10	0.13 J	1.2 J	51	61
SB-3 (8')	8	10/24/2014	<0.33	4.9	190	0.56	0.20 J	45	6.8	24	5.9	0.073 J	0.40 J	40	7.3 A10	0.16 J	<0.64	42	58
SB-4 (1')	1	10/24/2014	<0.33	3.7	180	0.65	0.064 J	47	8.1	23	6.2	<0.036	0.17 J	35	9.4 A10	0.10 J	1.7 J	48	53
SB-4 (8')	8	10/24/2014	<0.33	5.6	180	0.48 J	0.17 J	42	6.1	19	5.4	0.065 J	0.31 J	40	<4.9 A10	0.086 J	1.2 J	41	48
SB-5 (1')	1	10/24/2014	<0.33	5.4	180	0.77	<0.052	52	9.4	30	7.1	0.036 J	<0.05	41	12 A10	0.13 J	1.2 J	55	63
SB-5 (8')	8	10/24/2014	<0.33	6.6	340	0.56	0.15 J	45	11	31	6.5	0.085 J	1.5 J	53	6.1 A10	0.090 J	1.6 J	47	62
Natural Background Concentrations ³			1.8	11	1500	3	1.1	160	23	76	48	0.2	3.3	55	1.1	2.3	1	230	150
Industrial RSL ²			470	0.25	220,000	183	6.37	1,800,000	350	47,000	320	40	5,800	11,000	5,800	5,800	12	5,900	35,000
Commercial/Industrial ESL ¹			40	1.6	1,500	8.0	12	750	80	230	320	10	40	150	10	40	10	200	600

BOLD Concentration exceeds Natural Background Concentration
 < Indicates that the compound was not detected at or above the stated laboratory reporting limit
 J Laboratory Analytical Qualifier - Note: Estimated Value (CLP Flag)
 A10 Laboratory Analytical Qualifier - Note: Practical Quantitation Limits and Method Detection Limits were raised due to matrix interference.
¹ Commercial/Industrial Land Use Environmental Screening Levels (ESL), Table A-2 - SF Bay RWCQB, December 2013 - Provided as a reference
² EPA Regional Screening Level (RSL) Industrial Soil Table, May 2014 - Provided as a reference
³ Referenced background concentrations are from the following sources:
 Duverge: D. J. Duverge Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region, Master of Science in Geosciences, December 2011.
 LBNL: Lawrence Berkeley National Laboratory Analysis of Background Distributions of Metals in the Soil at Lawrence Berkeley National Laboratory, D. Diamond, D. Baskin, D. Brown, L. Lund, J. Najita, and I Javandel, June 2002 Revised April 2009
 Bradford: Bradford, G.R., A.C. Chang, A.L. Page, D. Bakhtark, J.A. Frampton, and H. Wright 1996. Background Concentrations of Trace and Major Elements in California Soils, Kearney Foundation Special Report, Kearney Foundation of Soil Science, Division of Agriculture and Natural Resources, University of California, Riverside, 52 p.
 S&B: Shacklette, H.T., and J.G. Boerngen 1984. Element Concentrations in Soils and Other Surficial Materials, Conterminous United States, U.S. Geological Survey Professional Paper 1270.

Table 2. Selected Analytical Results of Soil Samples, VOCs, SVOCs, Pesticides, PCB's, and TPH
 Motor Pool Area (Grant Yard), 752 Chestnut Street, Redwood City, CA
 (concentrations in milligrams per kilogram)

Sample ID	Depth of Sample	Date Sampled	VOCs	SVOCs	Pesticides	PCBs	TPH Gasoline	TPH Diesel	TPH Motor Oil
SB-1 (1')	1	10/24/2014	ND	ND	--	--	<9.4	<2.2	<12
SB-1 (4½')	4½	10/24/2014	ND	ND	--	--	<8.5	<2.0	<11
SB-1 (8')	8	10/24/2014	ND	ND	--	--	<12	<2.9	<16
Comp SB-1	1½, 3, 4½, 6½	10/24/2014	--	--	ND	ND	--	--	--
SB-2 (1')	1	10/24/2014	ND	ND	--	--	<12	<2.8	<15
SB-2 (4½')	4½	10/24/2014	ND	ND	--	--	<9.0	16	<12
SB-2 (8')	8	10/24/2014	ND	ND	--	--	<5.0	<1.2	<6.5
Comp SB-2	1½, 3, 4½, 6½	10/24/2014	--	--	ND	ND	--	--	--
SB-3 (1')	1	10/24/2014	ND	ND	--	--	<5.0	6.5	19
SB-3 (8')	8	10/24/2014	ND	ND	--	--	<5.0	<1.2	<6.5
SB-4 (1')	1	10/24/2014	ND	ND	--	--	<5.0	<1.2	<6.5
SB-4 (8')	8	10/24/2014	ND	ND	--	--	<5.0	<1.2	<6.5
SB-5 (1')	1	10/24/2014	ND	ND	--	--	<5.0	<1.2	18
SB-5 (8')	8	10/24/2014	ND	ND	--	--	<9.9	<2.4	<13
Commercial/Industrial ESL ¹			various	various	various	various	500	110	500
Industrial RSL ²			various	various	various	various	420	600	3300

BOLD Concentration exceeds ESL
 ND Indicates that the compound was not detected at or above the stated laboratory reporting limit
 1 Commercial/Industrial Land Use Environmental Screening Levels (ESL), Table A-2 - SF Bay RWCQB, December 2013
 2 EPA Regional Screening Level (RSL) Industrial Soil Table, May 2014 - Provided as a reference
 -- Not analyzed

Table 3. Selected Analytical Results of Groundwater Samples, VOC's, SVOC's, and TPH
 Motor Pool Area (Grant Yard), 752 Chestnut Street, Redwood City, CA
 (concentrations in micrograms per liter)

Sample ID	Depth of Sample	Date Sampled	Benzene	cis-1,2 DCE	Isopropyl-benzene	n-Propyl-benzene	PCE	TCE	SVOCs	TPH Gasoline	TPH Diesel	TPH Motor Oil
SB-4	10	10/24/2014	1.8	8.1	0.20	0.3	11	10	ND	<200	<34	<66
SB-5	13½	10/24/2014	<0.083	<0.085	<0.14	<0.11	0.37	<0.085	ND	<200	<34	<66
MCLs			1	6	NE	NE	5	5	various	NE	NE	NE
Commercial/Industrial ESL ¹			0.044	0.19	NE	NE	0.70	0.46	various	770	570	NE
Industrial RSL ²			0.0026	0.021	0.74	1.2	0.0023	0.00018	various	0.017	0.023	89

- BOLD** Concentration exceeds MSLS
- ND Indicates that the compound was not detected at or above the stated laboratory reporting limit
- 1 Commercial/Industrial Land Use Environmental Screening Levels (ESL), Table A-2 - SF Bay RWCQB, December 2013- Provided as a reference
- 2 EPA Regional Screening Level (RSL) Industrial Soil Table, May 2014- Provided as a reference
- 3 California Maximum Contaminant Levels (MCLs), July 2014
- Not analyzed
- NE Non-Existing

Table 4. Selected Analytical Results of Groundwater Sample, Metals
 Motor Pool Area (Grant Yard), 752 Chestnut Street, Redwood City, CA
 (concentrations in micrograms per liter)

Sample ID	Depth of Sample	Date Sampled	Total Barium	Total Chromium	Total Cobalt	Total Copper	Total Mercury	Total Nickel	Total Selenium	Total Vanadium	Total Zinc
SB-4	10	10/24/2014	2800*	210*	43* ¹	140* ¹	0.33	320*	370* ¹	220*	470*
SB-5	13½	10/24/2014	4600*	800*	210* ¹	530	1.6	1000*	360* ¹	670*	1300*

Note: Metals in groundwater were analyzed as total metals, groundwater screening values are based on dissolved metals and therefore are not applicable.

ND Indicates that the compound was not detected at or above the stated laboratory reporting limit

1 J Laboratory Analytical Qualifier - Note: Estimated Value (CLP Flag)

* A10 Laboratory Analytical Qualifier - Note: Practical Quantitation Limits and Method Detection Limits were raised due to matrix interference.

-- Not analyzed

NE Non-Existing

APPENDIX A

SOIL SAMPLING PROTOCOL AND ANALYTICAL RESULTS

Soil Sampling: Soil samples for laboratory analysis were collected in stainless steel liners using hand-sampling equipment. The ends of the liners were covered in aluminum foil or Teflon film, fitted with plastic end caps, taped, and labeled with a unique identification number. The samples were then placed in an ice-chilled cooler, and transported to a state-certified analytical laboratory with chain of custody documentation.

Equipment Decontamination: All sampling equipment was cleaned in a solution of laboratory grade detergent and distilled water at each sampling point.

Analytical Results: The chilled samples were delivered to a state-certified analytical laboratory. Chain of custody documentation was maintained for all samples. Attached are copies of the analytical results and the chain of custody forms.



Date of Report: 11/05/2014

Justin Hanzel-Durbin

TRC Solutions

101 Second Street, Suite 300

San Francisco, CA 94105

Client Project: 218791

BCL Project: San Mateo Co. - Chestnut St.

BCL Work Order: 1425371

Invoice ID: B187929

Enclosed are the results of analyses for samples received by the laboratory on 10/24/2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Organochlorine Pesticides (EPA Method 8081B).....	47
PCB Analysis (EPA Method 8082).....	48
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Volatile Organic Analysis (EPA Method 8260B).....	50
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Chain of Custody Form

Report To: **TRC** Project #: **218791**

Client: **TRC** Project Name: **San Mateo Co**

Attn: **Street** Street Address: **101 2nd Street Suite 200**

City, State, Zip: **San Francisco, CA** Sampler(s): **NR**

Phone: **415 774 1111** Fax: **415 774 1112**

Email Address: **alvarez@trcsolutions.com**

Work Order #: **1425371**

Analysis Requested

PHG + BTEX PHG + TPH MTBE CAM17 Re: H2K Re: S VOCs SVOCs Other

Sample Matrix: Soil Sludge Drinking Water Ground Water Waste Water Other

Turnaround # of work days: **5**

Are there any tests with holding times less than or equal to 48 hours? Yes No

* Standard Turnaround = 10 work days

Sample #	Description	Date Sampled	Time Sampled	PHG + BTEX	PHG + TPH	MTBE	CAM17	Re: H2K	Re: S	VOCs	SVOCs	Other	Notes
-1	SB-1(1')	10/24/14	0820	X	X	X	X	X	X	X	X		
-2	SB-1(1.5')		0825	X	X	X	X	X	X	X	X		
-3	SB-1(3')		0830	X	X	X	X	X	X	X	X		
-4	SB-1(4.5')		0835	X	X	X	X	X	X	X	X		
-5	SB-1(6.5')		0836	X	X	X	X	X	X	X	X		
-6	SB-1(8')		0838	X	X	X	X	X	X	X	X		
-7	SB-2(1')	10/24/14	0905	X	X	X	X	X	X	X	X		
-8	SB-2(1.5')		0907	X	X	X	X	X	X	X	X		
-9	SB-2(3')		0910	X	X	X	X	X	X	X	X		
-10	SB-2(4.5')		0912	X	X	X	X	X	X	X	X		
-11	SB-2(6.5')		0914	X	X	X	X	X	X	X	X		
-12	SB-2(8')		0915	X	X	X	X	X	X	X	X		
-13	SB-3(1')	10/24/14	0953	X	X	X	X	X	X	X	X		
-14	SB-3(1')		1004	X	X	X	X	X	X	X	X		
-15	SB-3(8')			X	X	X	X	X	X	X	X		

Global ID (Needed for EDT): **1425371**

EDF Required? Geotracker: Yes No

Send Copy to State of CA? (EDT): Yes No

1. Relinquished By: **TRC** Date: **10/24/14** Time: **1:20**

2. Relinquished By: **Henry Cooper** Date: **10/24/14** Time: **1345**

3. Relinquished By: **Henry Cooper** Date: **10-24-14** Time: **1630**

1. Received By: **Henry Cooper** Date: **10/24/14** Time: **1345**

2. Received By: **Henry Cooper** Date: **10-24-14** Time: **1630**

3. Received By: **Henry Cooper** Date: **10-24-14** Time: **1630**

System # (Needed for EDT): **1425371**

Page 1 of 2

14-25371

Comments:

Analysis Requested

PHG + BTEX, PHG + TPH, MTBE, CAM17, Re: H2K, Re: S, VOCs, SVOCs

Are there any tests with holding times less than or equal to 48 hours? Yes No

* Standard Turnaround = 10 work days

Notes: Please analyze SB-1(4.5') for TPH, SVOCs, VOCs, and Re: S prior to completion of analysis.

Please analyze and sonicate prior to compositing

REL. 10-24-14 2:00 Henry Cooper 10-24-14 2:00

BC Laboratories, Inc. - 4100 Atlas Ct. - Bakersfield, CA 93308 - 661.327.4911 - Fax: 661.327.1918 - www.bclabs.com



Chain of Custody Form



Report To: **RC**
 Client: **RC**
 Project #: **218791**
 Project Name: **San Mateo Co**
 Attn: **Christina St**
 Street Address: **1017 1/2 St, Suite 300**
 City, State, Zip: **SF, CA**
 Phone: **JPE**
 Email Address: **bc.lab@rcsolutions.com**
 Work Order #: **10112014.01.01@rcsolutions.com**

Analysis Requested
 Comments: **14-25371** Page **2** of **2**
 Are there any tests with holding times less than or equal to 48 hours?
 Yes No
 * Standard Turnaround = 10 work days

Sample #	Description	Date Sampled	Time Sampled	Analysis Requested		Sample Matrix	# of work days*	Notes
				Global ID (Needed for EDT)	System # (Needed for EDT)			
-15	SB-4(1')	10/24/14	10:30	X	PCBs	Soil	5	
-16	SB-4(8')		10:40	X	PCBs	Soil	5	
-17	SB-4	11/11/14	11:00	X	PCBs	Soil	5	
-18	SB-5(1')	10/24/14	11:26	X	PCBs	Soil	5	
-19	SB-5(8')		11:50	X	PCBs	Soil	5	
-20	SB-5		11:52	X	PCBs	Soil	5	

Global ID (Needed for EDT)
 1. Relinquished By: **[Signature]** Date: **10/24/14** Time: **1:26**
 2. Relinquished By: **[Signature]** Date: **10/24/14** Time: **13:45**
 3. Relinquished By: **[Signature]** Date: **10/24/14** Time: **16:30**

EDF Required? Geotracker Yes No
 Send Copy to State of CA? (EDT) Yes No

Client: **Same as above**
 Address: _____
 City: _____ State: _____ Zip: _____
 Attn: _____
 PO#: _____

CHK BY: **[Signature]** DISTRIBUTION: **[Signature]**
 SUB-OUT:

REL. **[Signature]** 10-24-14 11:00 **[Signature]** 10/24/14 11:00

BC Laboratories, Inc. - 4100 Atlas Ct. - Bakersfield, CA 93308 - 661.327.4911 - Fax: 661.327.1918 - www.bclabs.com



BC LABORATORIES INC. COOLER RECEIPT FORM Rev. No. 18 09/04/14 Page 1 Of 2

Submission #: 14-25371

SHIPPING INFORMATION
 Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER
 Ice Chest None Box
 Other (Specify) _____

FREE LIQUID
 YES NO

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals Ice Chest Containers None Comments: _____
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received
 YES NO

Emissivity: 0.98 Container: PE Thermometer ID: 207 Date/Time: 10/27/14 0715
 Temperature: (A) 2.9 °C (C) 2.4 °C Analyst Init: JJ

SAMPLE CONTAINERS	SAMPLE NUMBERS										
	1	13	14	15	16	17	18	19	20	21	22
QT GENERAL MINERAL/ GENERAL											
PT PE UNPRESERVED											
QT INORGANIC CHEMICAL METALS											
PT INORGANIC CHEMICAL METALS											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE /NITRITE											
PT TOTAL ORGANIC CARBON											
PT TOX											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 413.1, 413.2, 418.1											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz Amber EPA 548											
QT EPA 549											
QT EPA 632											
QT EPA 8015M											
QT AMBER											
8 OZ. JAR											
32 OZ. JAR											
SOIL-SLEEVE	A	A	A	A	A	A	A	A	A	A	
PCB VIAL											
PLASTIC BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
Summa Canister											

Comments: _____
 Sample Numbering Completed By: JJJ Date/Time: 10/27/14 0715 (S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMREC)
 A = Actual / C = Corrected



BC LABORATORIES INC. COOLER RECEIPT FORM Rev. No. 18 09/04/14 Page 4 of 4

Submission #: 14-25371

SHIPPING INFORMATION
Federal Express [] UPS [] Hand Delivery []
BC Lab Field Service [x] Other [] (Specify) _____

SHIPPING CONTAINER
Ice Chest [x] None [] Box []
Other [] (Specify) _____

FREE LIQUID
YES [] NO []

Refrigerant: Ice [x] Blue Ice [] None [] Other [] Comments:

Custody Seals Ice Chest [] Containers []
Intact? Yes [] No [] Intact? Yes [] No [] None [x] Comments:

All samples received? Yes [x] No [] All samples containers intact? Yes [x] No [] Description(s) match COC? Yes [x] No []

COC Received
YES [x] NO []

Emissivity: 0.98 Container: PE Thermometer ID: 207

Date/Time: 02/19/200

Temperature: (A) 2.9 °C (C) 2.4 °C

Analyst Init: J

Table with columns for Sample Containers and Sample Numbers (K13-K22). Rows include various test types like QT GENERAL MINERAL, PT PE UNPRESERVED, etc. with handwritten data points like 'D', 'ABC', 'EFG', 'A'.

Comments:

Sample Numbering Completed By: JWL

Date/Time: 10/27/14 0715 (S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMREC)

A = Actual / C = Corrected



TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1425371-01	COC Number:	---	Receive Date:	10/24/2014 21:00
	Project Number:	---	Sampling Date:	10/24/2014 08:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB-1 (1')	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1425371-02	COC Number:	---	Receive Date:	10/24/2014 21:00
	Project Number:	---	Sampling Date:	10/24/2014 00:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Comp of SB-1 (1.5') - SB-1 (6.5')	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1425371-03	COC Number:	---	Receive Date:	10/24/2014 21:00
	Project Number:	---	Sampling Date:	10/24/2014 08:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB-1 (1.5')	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1425371-04	COC Number:	---	Receive Date:	10/24/2014 21:00
	Project Number:	---	Sampling Date:	10/24/2014 08:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB-1 (3')	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1425371-05	COC Number:	---	Receive Date:	10/24/2014 21:00
	Project Number:	---	Sampling Date:	10/24/2014 08:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB-1 (4.5')	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1425371-06	COC Number:	---	Receive Date:	10/24/2014 21:00
	Project Number:	---	Sampling Date:	10/24/2014 08:36
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB-1 (6.5')	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1425371-07	COC Number:	---	Receive Date:	10/24/2014 21:00
	Project Number:	---	Sampling Date:	10/24/2014 08:38
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB-1 (8')	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	
1425371-08	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 09:05
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-2 (1')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1425371-09	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	Comp of SB-2 (1.5') - SB-2 (6.5')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1425371-10	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 09:07
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-2 (1.5')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1425371-11	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 09:10
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-2 (3')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1425371-12	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 09:12
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-2 (4.5')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1425371-13	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 09:14
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-2 (6.5')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1425371-14	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 09:15
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-2 (8')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	
1425371-15	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 09:53
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-3 (1')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1425371-16	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 10:04
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-3 (8')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1425371-17	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 10:30
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-4 (1')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1425371-18	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 10:40
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-4 (8')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1425371-19	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 11:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-4		Lab Matrix:	Water
	Sampled By:	---		Sample Type:	Groundwater
1425371-20	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 11:26
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-5 (1')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1425371-21	COC Number:	---		10/24/2014 21:00	
	Project Number:	---		Sampling Date:	10/24/2014 11:50
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	SB-5 (8')		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1425371-22	COC Number:	---	Receive Date:	10/24/2014 21:00
	Project Number:	---	Sampling Date:	10/24/2014 11:52
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB-5	Lab Matrix:	Water
	Sampled By:	---	Sample Type:	Groundwater

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-01	Client Sample Name: SB-1 (1'), 10/24/2014 8:20:00AM
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-01		Client Sample Name: SB-1 (1'), 10/24/2014 8:20:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	99.7	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.3	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	88.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-01	Client Sample Name: SB-1 (1'), 10/24/2014 8:20:00AM
----------------------------------	--

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	10/29/14	10/29/14	15:38	ADC	MS-V2	1	BXJ2680

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-01	Client Sample Name: SB-1 (1'), 10/24/2014 8:20:00AM
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.20	0.036	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.20	0.038	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.20	0.048	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.40	0.11	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.20	0.036	EPA-8270C	ND		1
Benzidine	ND	mg/kg	6.0	0.44	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.20	0.024	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.20	0.036	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.20	0.038	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.20	0.030	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.20	0.11	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	1.0	0.13	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.20	0.036	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.20	0.042	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.20	0.036	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.20	0.042	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.20	0.036	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.20	0.034	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.20	0.034	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.20	0.032	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.20	0.042	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.40	0.087	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.20	0.034	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.20	0.054	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.20	0.040	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.20	0.030	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.20	0.034	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.20	0.034	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.20	0.034	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.20	0.038	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.20	0.038	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.20	0.040	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.20	0.040	EPA-8270C	ND		1

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-01	Client Sample Name: SB-1 (1'), 10/24/2014 8:20:00AM
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.20	0.042	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.20	0.038	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.40	0.013	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.20	0.062	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.20	0.038	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.20	0.040	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.20	0.036	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.20	0.044	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.20	0.036	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.20	0.034	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.20	0.038	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.40	0.040	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.40	0.042	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.20	0.042	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.40	0.050	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	1.0	0.044	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.20	0.034	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.20	0.038	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.20	0.042	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.20	0.034	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.20	0.032	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.20	0.034	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.20	0.038	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.20	0.040	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.20	0.14	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.20	0.034	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.20	0.036	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.20	0.036	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	6.0	0.32	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.20	0.036	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.40	0.030	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.40	0.050	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.20	0.030	EPA-8270C	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Table with 2 columns: BCL Sample ID (1425371-01) and Client Sample Name (SB-1 (1'), 10/24/2014 8:20:00AM)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various chemical compounds and their detection results.

Summary table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, QC Batch ID. Shows details for Run #1.

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-01	Client Sample Name: SB-1 (1'), 10/24/2014 8:20:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	38	9.4	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	19	2.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	38	12	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	80.7	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 09:19	MWB	GC-2	1.875	BXJ2865

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLC)

BCL Sample ID: 1425371-01	Client Sample Name: SB-1 (1'), 10/24/2014 8:20:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	3.0	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	69	mg/kg	0.50	0.18	EPA-6010B	0.20		1
Beryllium	0.34	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	88	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	17	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	39	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	2.1	mg/kg	2.5	0.28	EPA-6010B	ND	J	1
Mercury	ND	mg/kg	0.16	0.036	EPA-7471A	ND		2
Molybdenum	0.10	mg/kg	2.5	0.050	EPA-6010B	0.10	J	1
Nickel	51	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	5.0	mg/kg	5.0	4.9	EPA-6010B	ND	A10	3
Silver	0.21	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	2.9	mg/kg	5.0	0.64	EPA-6010B	ND	J	1
Vanadium	88	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	46	mg/kg	2.5	0.087	EPA-6010B	0.36		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	10/30/14	10/31/14	01:13	SRM	PE-OP2	0.962	BXJ2822
2	EPA-7471A	10/29/14	10/30/14	09:43	MEV	CETAC1	0.977	BXJ2696
3	EPA-6010B	10/30/14	11/03/14	23:10	SRM	PE-OP2	4.808	BXJ2822

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Organochlorine Pesticides (EPA Method 8081B)

BCL Sample ID: 1425371-02	Client Sample Name: Comp of SB-1 (1.5') - SB-1 (6.5'), 10/24/2014 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000026	EPA-8081B	ND		1
alpha-BHC	ND	mg/kg	0.00050	0.00014	EPA-8081B	ND		1
beta-BHC	ND	mg/kg	0.00050	0.00038	EPA-8081B	ND		1
delta-BHC	ND	mg/kg	0.00050	0.000076	EPA-8081B	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.00025	EPA-8081B	ND		1
Chlordane (Technical)	ND	mg/kg	0.050	0.015	EPA-8081B	ND		1
4,4'-DDD	ND	mg/kg	0.00050	0.000063	EPA-8081B	ND		1
4,4'-DDE	ND	mg/kg	0.00050	0.000045	EPA-8081B	ND		1
4,4'-DDT	ND	mg/kg	0.00050	0.000031	EPA-8081B	ND		1
Dieldrin	ND	mg/kg	0.00050	0.000032	EPA-8081B	ND		1
Endosulfan I	ND	mg/kg	0.00050	0.000086	EPA-8081B	ND		1
Endosulfan II	ND	mg/kg	0.00050	0.000066	EPA-8081B	ND		1
Endosulfan sulfate	ND	mg/kg	0.00050	0.00013	EPA-8081B	ND		1
Endrin	ND	mg/kg	0.00050	0.000035	EPA-8081B	ND		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000061	EPA-8081B	ND		1
Heptachlor	ND	mg/kg	0.00050	0.00026	EPA-8081B	ND		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.00015	EPA-8081B	ND		1
Methoxychlor	ND	mg/kg	0.00050	0.00013	EPA-8081B	ND		1
Toxaphene	ND	mg/kg	0.050	0.0074	EPA-8081B	ND		1
TCMX (Surrogate)	32.5	%	20 - 140 (LCL - UCL)		EPA-8081B			1
Decachlorobiphenyl (Surrogate)	50.8	%	20 - 140 (LCL - UCL)		EPA-8081B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081B	10/30/14	10/31/14 13:43	VH1	GC-17	1.014	BXJ2892

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1425371-02		Client Sample Name: Comp of SB-1 (1.5') - SB-1 (6.5'), 10/24/2014 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0027	EPA-8082	ND		1
PCB-1221	ND	mg/kg	0.010	0.0038	EPA-8082	ND		1
PCB-1232	ND	mg/kg	0.010	0.0024	EPA-8082	ND		1
PCB-1242	ND	mg/kg	0.010	0.0040	EPA-8082	ND		1
PCB-1248	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	ND		1
PCB-1260	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1
Decachlorobiphenyl (Surrogate)	50.0	%	50 - 140 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	10/30/14	10/31/14 11:49	KEP	GC-15	1.014	BXJ2921

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLC)

BCL Sample ID: 1425371-02	Client Sample Name: Comp of SB-1 (1.5') - SB-1 (6.5'), 10/24/2014 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	4.9	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	140	mg/kg	0.50	0.18	EPA-6010B	0.20		1
Beryllium	0.54	mg/kg	0.50	0.047	EPA-6010B	ND		1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	38	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	6.9	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	20	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	4.8	mg/kg	2.5	0.28	EPA-6010B	ND		1
Mercury	0.049	mg/kg	0.16	0.036	EPA-7471A	ND	J	2
Molybdenum	0.34	mg/kg	2.5	0.050	EPA-6010B	0.10	J	1
Nickel	28	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	5.0	4.9	EPA-6010B	ND	A10	3
Silver	0.089	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	41	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	41	mg/kg	2.5	0.087	EPA-6010B	0.36		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	10/30/14	10/31/14	01:20	SRM	PE-OP2	0.962	BXJ2822
2	EPA-7471A	10/29/14	10/30/14	09:45	MEV	CETAC1	0.962	BXJ2696
3	EPA-6010B	10/30/14	11/03/14	23:32	SRM	PE-OP2	4.808	BXJ2822

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-05		Client Sample Name: SB-1 (4.5'), 10/24/2014 8:35:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Bromobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Bromochloromethane	ND	mg/kg	0.025	0.0046	EPA-8260B	ND	A01,Z1	1
Bromodichloromethane	ND	mg/kg	0.025	0.0042	EPA-8260B	ND	A01,Z1	1
Bromoform	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Bromomethane	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,A40,Z1	1
n-Butylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
sec-Butylbenzene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
tert-Butylbenzene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
Carbon tetrachloride	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Chlorobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Chloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
Chloroform	ND	mg/kg	0.025	0.0032	EPA-8260B	ND	A01,Z1	1
Chloromethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
2-Chlorotoluene	ND	mg/kg	0.025	0.0090	EPA-8260B	ND	A01,Z1	1
4-Chlorotoluene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
Dibromochloromethane	ND	mg/kg	0.025	0.0050	EPA-8260B	ND	A01,Z1	1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.025	0.0085	EPA-8260B	ND	A01,Z1	1
1,2-Dibromoethane	ND	mg/kg	0.025	0.0050	EPA-8260B	ND	A01,Z1	1
Dibromomethane	ND	mg/kg	0.025	0.0090	EPA-8260B	ND	A01,Z1	1
1,2-Dichlorobenzene	ND	mg/kg	0.025	0.0040	EPA-8260B	ND	A01,Z1	1
1,3-Dichlorobenzene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,4-Dichlorobenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Dichlorodifluoromethane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,1-Dichloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,2-Dichloroethane	ND	mg/kg	0.025	0.0042	EPA-8260B	ND	A01,Z1	1
1,1-Dichloroethene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
cis-1,2-Dichloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
trans-1,2-Dichloroethene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,2-Dichloropropane	ND	mg/kg	0.025	0.0040	EPA-8260B	ND	A01,Z1	1
1,3-Dichloropropane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
2,2-Dichloropropane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,1-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-05		Client Sample Name: SB-1 (4.5'), 10/24/2014 8:35:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
trans-1,3-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
Ethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Hexachlorobutadiene	ND	mg/kg	0.025	0.0085	EPA-8260B	ND	A01,Z1	1
Isopropylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
p-Isopropyltoluene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Methylene chloride	ND	mg/kg	0.050	0.012	EPA-8260B	ND	A01,Z1	1
Methyl t-butyl ether	ND	mg/kg	0.025	0.0025	EPA-8260B	ND	A01,Z1	1
Naphthalene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
n-Propylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Styrene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Tetrachloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Toluene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B	ND	A01,Z1	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B	ND	A01,Z1	1
1,1,1-Trichloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,1,2-Trichloroethane	ND	mg/kg	0.025	0.0038	EPA-8260B	ND	A01,Z1	1
Trichloroethene	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Trichlorofluoromethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,2,3-Trichloropropane	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,Z1	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Vinyl chloride	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,Z1	1
Total Xylenes	ND	mg/kg	0.050	0.017	EPA-8260B	ND	A01,Z1	1
p- & m-Xylenes	ND	mg/kg	0.025	0.011	EPA-8260B	ND	A01,Z1	1
o-Xylene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
1,2-Dichloroethane-d4 (Surrogate)	94.3	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	92.3	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	87.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-05	Client Sample Name: SB-1 (4.5'), 10/24/2014 8:35:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	10/29/14	10/31/14	12:50	ADC	MS-V2	5	BXJ2680

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-05	Client Sample Name: SB-1 (4.5'), 10/24/2014 8:35:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-05	Client Sample Name: SB-1 (4.5'), 10/24/2014 8:35:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-05	Client Sample Name: SB-1 (4.5'), 10/24/2014 8:35:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	74.2	%	28 - 144 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	82.5	%	36 - 136 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	64.2	%	31 - 135 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	48.5	%	20 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	65.3	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	62.0	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	10/30/14	11/03/14 18:30	VH1	MS-B2	0.986	BXK0043

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-05	Client Sample Name: SB-1 (4.5'), 10/24/2014 8:35:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	34	8.5	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	17	2.0	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	34	11	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	85.4	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 09:41	MWB	GC-2	1.695	BXJ2865

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-07	Client Sample Name: SB-1 (8'), 10/24/2014 8:38:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Bromobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Bromochloromethane	ND	mg/kg	0.025	0.0046	EPA-8260B	ND	A01,Z1	1
Bromodichloromethane	ND	mg/kg	0.025	0.0042	EPA-8260B	ND	A01,Z1	1
Bromoform	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Bromomethane	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,A40,Z1	1
n-Butylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
sec-Butylbenzene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
tert-Butylbenzene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
Carbon tetrachloride	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Chlorobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Chloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
Chloroform	ND	mg/kg	0.025	0.0032	EPA-8260B	ND	A01,Z1	1
Chloromethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
2-Chlorotoluene	ND	mg/kg	0.025	0.0090	EPA-8260B	ND	A01,Z1	1
4-Chlorotoluene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
Dibromochloromethane	ND	mg/kg	0.025	0.0050	EPA-8260B	ND	A01,Z1	1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.025	0.0085	EPA-8260B	ND	A01,Z1	1
1,2-Dibromoethane	ND	mg/kg	0.025	0.0050	EPA-8260B	ND	A01,Z1	1
Dibromomethane	ND	mg/kg	0.025	0.0090	EPA-8260B	ND	A01,Z1	1
1,2-Dichlorobenzene	ND	mg/kg	0.025	0.0040	EPA-8260B	ND	A01,Z1	1
1,3-Dichlorobenzene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,4-Dichlorobenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Dichlorodifluoromethane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,1-Dichloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,2-Dichloroethane	ND	mg/kg	0.025	0.0042	EPA-8260B	ND	A01,Z1	1
1,1-Dichloroethene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
cis-1,2-Dichloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
trans-1,2-Dichloroethene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,2-Dichloropropane	ND	mg/kg	0.025	0.0040	EPA-8260B	ND	A01,Z1	1
1,3-Dichloropropane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
2,2-Dichloropropane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,1-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-07		Client Sample Name: SB-1 (8'), 10/24/2014 8:38:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
trans-1,3-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
Ethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Hexachlorobutadiene	ND	mg/kg	0.025	0.0085	EPA-8260B	ND	A01,Z1	1
Isopropylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
p-Isopropyltoluene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Methylene chloride	ND	mg/kg	0.050	0.012	EPA-8260B	ND	A01,Z1	1
Methyl t-butyl ether	ND	mg/kg	0.025	0.0025	EPA-8260B	ND	A01,Z1	1
Naphthalene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
n-Propylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Styrene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Tetrachloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Toluene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B	ND	A01,Z1	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B	ND	A01,Z1	1
1,1,1-Trichloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,1,2-Trichloroethane	ND	mg/kg	0.025	0.0038	EPA-8260B	ND	A01,Z1	1
Trichloroethene	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Trichlorofluoromethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,2,3-Trichloropropane	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,Z1	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Vinyl chloride	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,Z1	1
Total Xylenes	ND	mg/kg	0.050	0.017	EPA-8260B	ND	A01,Z1	1
p- & m-Xylenes	ND	mg/kg	0.025	0.011	EPA-8260B	ND	A01,Z1	1
o-Xylene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
1,2-Dichloroethane-d4 (Surrogate)	92.1	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	94.6	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	86.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-07	Client Sample Name: SB-1 (8'), 10/24/2014 8:38:00AM
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Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	10/29/14	10/31/14 13:13	ADC	MS-V2	5	BXJ2680

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-07	Client Sample Name: SB-1 (8'), 10/24/2014 8:38:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.17	0.033	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.17	0.041	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.34	0.091	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
Benzidine	ND	mg/kg	5.2	0.38	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.17	0.021	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.17	0.033	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.17	0.026	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.17	0.097	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.86	0.12	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.17	0.036	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.17	0.036	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.17	0.028	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.17	0.036	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.34	0.074	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.17	0.047	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.17	0.034	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.17	0.026	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.17	0.033	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.17	0.033	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.17	0.034	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.17	0.034	EPA-8270C	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-07	Client Sample Name: SB-1 (8'), 10/24/2014 8:38:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.17	0.036	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.17	0.033	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.34	0.012	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.17	0.053	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.17	0.033	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.17	0.034	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.17	0.038	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.17	0.033	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.34	0.034	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.34	0.036	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.17	0.036	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.34	0.043	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.86	0.038	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.17	0.033	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.17	0.036	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.17	0.028	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.17	0.033	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.17	0.034	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.17	0.12	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	5.2	0.28	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.34	0.026	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.34	0.043	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.17	0.026	EPA-8270C	ND		1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-07	Client Sample Name: SB-1 (8'), 10/24/2014 8:38:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.17	0.064	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.17	0.036	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.17	0.036	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.17	0.031	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.34	0.038	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.17	0.028	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.17	0.060	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.86	0.021	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.86	0.013	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.17	0.029	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.34	0.057	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.17	0.028	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.34	0.031	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.34	0.022	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.17	0.028	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.34	0.031	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.34	0.029	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	77.8	%	28 - 144 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	83.2	%	36 - 136 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	84.4	%	31 - 135 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	81.8	%	20 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	104	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	96.3	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	10/30/14	11/04/14 18:11	VH1	MS-B1	1.724	BXK0043

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-07	Client Sample Name: SB-1 (8'), 10/24/2014 8:38:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	48	12	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	24	2.9	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	48	16	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	84.6	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 10:04	MWB	GC-2	2.400	BXJ2865

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLIC)

BCL Sample ID: 1425371-07	Client Sample Name: SB-1 (8'), 10/24/2014 8:38:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	3.7	mg/kg	1.0	0.40	EPA-6010B	ND		2
Barium	250	mg/kg	0.50	0.18	EPA-6010B	0.20		1
Beryllium	0.43	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	27	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	5.0	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	17	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	4.5	mg/kg	2.5	0.28	EPA-6010B	ND		1
Mercury	ND	mg/kg	0.16	0.036	EPA-7471A	ND		3
Molybdenum	0.84	mg/kg	2.5	0.050	EPA-6010B	0.10	J	1
Nickel	28	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	6.1	mg/kg	5.0	4.9	EPA-6010B	ND	A10	4
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	0.91	mg/kg	5.0	0.64	EPA-6010B	ND	J	1
Vanadium	31	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	34	mg/kg	2.5	0.087	EPA-6010B	0.35		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	10/30/14	10/31/14	01:21	SRM	PE-OP2	0.943	BXJ2822
2	EPA-6010B	10/30/14	10/31/14	21:23	SRM	PE-OP2	0.943	BXJ2822
3	EPA-7471A	10/29/14	10/30/14	09:47	MEV	CETAC1	0.992	BXJ2696
4	EPA-6010B	10/30/14	11/03/14	23:14	SRM	PE-OP2	4.717	BXJ2822

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-08	Client Sample Name: SB-2 (1'), 10/24/2014 9:05:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-08		Client Sample Name: SB-2 (1'), 10/24/2014 9:05:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	93.3	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.0	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	87.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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101 Second Street, Suite 300
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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-08 **Client Sample Name:** SB-2 (1'), 10/24/2014 9:05:00AM

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	10/29/14	10/30/14	15:03	ADC	MS-V2	1	BXJ2680

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-08	Client Sample Name: SB-2 (1'), 10/24/2014 9:05:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-08	Client Sample Name: SB-2 (1'), 10/24/2014 9:05:00AM
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-08 Client Sample Name: SB-2 (1'), 10/24/2014 9:05:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	61.9	%	28 - 144 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	66.9	%	36 - 136 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	62.3	%	31 - 135 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	55.2	%	20 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	78.4	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	67.4	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	10/30/14	11/04/14 18:36	VH1	MS-B1	0.997	BXK0043

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-08	Client Sample Name: SB-2 (1'), 10/24/2014 9:05:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	47	12	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	24	2.8	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	47	15	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	81.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 10:51	MWB	GC-2	2.362	BXJ2865

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLIC)

BCL Sample ID: 1425371-08	Client Sample Name: SB-2 (1'), 10/24/2014 9:05:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	4.7	mg/kg	1.0	0.40	EPA-6010B	ND		2
Barium	170	mg/kg	0.50	0.18	EPA-6010B	0.20		1
Beryllium	0.60	mg/kg	0.50	0.047	EPA-6010B	ND		1
Cadmium	0.086	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium	47	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	8.3	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	24	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	7.6	mg/kg	2.5	0.28	EPA-6010B	ND		1
Mercury	ND	mg/kg	0.16	0.036	EPA-7471A	ND		3
Molybdenum	0.089	mg/kg	2.5	0.050	EPA-6010B	0.10	J	1
Nickel	33	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	5.0	4.9	EPA-6010B	ND	A10	4
Silver	0.11	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	1.3	mg/kg	5.0	0.64	EPA-6010B	ND	J	1
Vanadium	51	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	49	mg/kg	2.5	0.087	EPA-6010B	0.36		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	10/30/14	10/31/14	01:22	SRM	PE-OP2	0.962	BXJ2822
2	EPA-6010B	10/30/14	10/31/14	20:40	SRM	PE-OP2	0.962	BXJ2822
3	EPA-7471A	10/29/14	10/30/14	09:49	MEV	CETAC1	0.962	BXJ2696
4	EPA-6010B	10/30/14	11/03/14	23:15	SRM	PE-OP2	4.808	BXJ2822

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Organochlorine Pesticides (EPA Method 8081B)

BCL Sample ID: 1425371-09	Client Sample Name: Comp of SB-2 (1.5') - SB-2 (6.5'), 10/24/2014 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000026	EPA-8081B	ND		1
alpha-BHC	ND	mg/kg	0.00050	0.00014	EPA-8081B	ND		1
beta-BHC	ND	mg/kg	0.00050	0.00038	EPA-8081B	ND		1
delta-BHC	ND	mg/kg	0.00050	0.000076	EPA-8081B	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.00025	EPA-8081B	ND		1
Chlordane (Technical)	ND	mg/kg	0.050	0.015	EPA-8081B	ND		1
4,4'-DDD	ND	mg/kg	0.00050	0.000063	EPA-8081B	ND		1
4,4'-DDE	ND	mg/kg	0.00050	0.000045	EPA-8081B	ND		1
4,4'-DDT	ND	mg/kg	0.00050	0.000031	EPA-8081B	ND		1
Dieldrin	ND	mg/kg	0.00050	0.000032	EPA-8081B	ND		1
Endosulfan I	ND	mg/kg	0.00050	0.000086	EPA-8081B	ND		1
Endosulfan II	ND	mg/kg	0.00050	0.000066	EPA-8081B	ND		1
Endosulfan sulfate	ND	mg/kg	0.00050	0.00013	EPA-8081B	ND		1
Endrin	ND	mg/kg	0.00050	0.000035	EPA-8081B	ND		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000061	EPA-8081B	ND		1
Heptachlor	ND	mg/kg	0.00050	0.00026	EPA-8081B	ND		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.00015	EPA-8081B	ND		1
Methoxychlor	ND	mg/kg	0.00050	0.00013	EPA-8081B	ND		1
Toxaphene	ND	mg/kg	0.050	0.0074	EPA-8081B	ND		1
TCMX (Surrogate)	20.7	%	20 - 140 (LCL - UCL)		EPA-8081B			1
Decachlorobiphenyl (Surrogate)	47.1	%	20 - 140 (LCL - UCL)		EPA-8081B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081B	10/30/14	10/31/14 13:54	VH1	GC-17	0.987	BXJ2892

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1425371-09		Client Sample Name: Comp of SB-2 (1.5') - SB-2 (6.5'), 10/24/2014 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0027	EPA-8082	ND		1
PCB-1221	ND	mg/kg	0.010	0.0038	EPA-8082	ND		1
PCB-1232	ND	mg/kg	0.010	0.0024	EPA-8082	ND		1
PCB-1242	ND	mg/kg	0.010	0.0040	EPA-8082	ND		1
PCB-1248	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	ND		1
PCB-1260	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1
Decachlorobiphenyl (Surrogate)	50.0	%	50 - 140 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	10/30/14	10/31/14 12:00	KEP	GC-15	1.007	BXJ2921

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLC)

BCL Sample ID: 1425371-09		Client Sample Name: Comp of SB-2 (1.5') - SB-2 (6.5'), 10/24/2014 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	5.8	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	170	mg/kg	0.50	0.18	EPA-6010B	0.20		1
Beryllium	0.63	mg/kg	0.50	0.047	EPA-6010B	ND		1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	43	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	8.7	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	23	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	6.4	mg/kg	2.5	0.28	EPA-6010B	ND		1
Mercury	ND	mg/kg	0.16	0.036	EPA-7471A	ND		2
Molybdenum	0.38	mg/kg	2.5	0.050	EPA-6010B	0.10	J	1
Nickel	35	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	15	mg/kg	5.0	4.9	EPA-6010B	ND	A10	3
Silver	0.11	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	46	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	51	mg/kg	2.5	0.087	EPA-6010B	0.36		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	10/30/14	10/31/14	01:24	SRM	PE-OP2	0.952	BXJ2822
2	EPA-7471A	10/29/14	10/30/14	09:52	MEV	CETAC1	0.962	BXJ2696
3	EPA-6010B	10/30/14	11/03/14	23:17	SRM	PE-OP2	4.762	BXJ2822

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-12	Client Sample Name: SB-2 (4.5'), 10/24/2014 9:12:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

Table with columns: BCL Sample ID, Client Sample Name, Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various chemical constituents and their analysis results.

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101 Second Street, Suite 300
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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-12	Client Sample Name: SB-2 (4.5'), 10/24/2014 9:12:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	10/29/14	10/29/14	17:07	ADC	MS-V2	1	BXJ2680

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-12	Client Sample Name: SB-2 (4.5'), 10/24/2014 9:12:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.23	0.044	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.23	0.055	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.46	0.12	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
Benzidine	ND	mg/kg	6.9	0.50	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.23	0.027	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.23	0.044	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.23	0.034	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.23	0.13	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	1.1	0.15	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.23	0.048	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.23	0.048	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.23	0.037	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.23	0.048	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.46	0.099	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.23	0.062	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.23	0.046	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.23	0.034	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.23	0.044	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.23	0.044	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.23	0.046	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.23	0.046	EPA-8270C	ND		1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-12	Client Sample Name: SB-2 (4.5'), 10/24/2014 9:12:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.23	0.048	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.23	0.044	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.46	0.015	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.23	0.071	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.23	0.044	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.23	0.046	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.23	0.050	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.23	0.044	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.46	0.046	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.46	0.048	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.23	0.048	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.46	0.057	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	1.1	0.050	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.23	0.044	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.23	0.048	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.23	0.037	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.23	0.044	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.23	0.046	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.23	0.16	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	6.9	0.37	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.46	0.034	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.46	0.057	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.23	0.034	EPA-8270C	ND		1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-12	Client Sample Name: SB-2 (4.5'), 10/24/2014 9:12:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.23	0.085	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.23	0.048	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.23	0.048	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.23	0.041	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.46	0.050	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.23	0.037	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.23	0.080	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	1.1	0.027	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	1.1	0.018	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.23	0.039	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.46	0.076	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.23	0.037	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.46	0.041	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.46	0.030	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.23	0.037	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.46	0.041	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.46	0.039	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	66.2	%	28 - 144 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	71.1	%	36 - 136 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	67.4	%	31 - 135 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	70.9	%	20 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	93.5	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	82.3	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	10/30/14	11/04/14 19:01	VH1	MS-B1	2.291	BXK0043

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101 Second Street, Suite 300
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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-12	Client Sample Name: SB-2 (4.5'), 10/24/2014 9:12:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	36	9.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	16	mg/kg	18	2.2	EPA-8015B/FFP	ND	J,A52	1
TPH - Motor Oil	ND	mg/kg	36	12	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	82.6	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 11:14	MWB	GC-2	1.807	BXJ2865

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-14	Client Sample Name: SB-2 (8'), 10/24/2014 9:15:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-14		Client Sample Name: SB-2 (8'), 10/24/2014 9:15:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	90.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-14	Client Sample Name: SB-2 (8'), 10/24/2014 9:15:00AM
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Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	10/29/14	10/29/14 17:29	ADC	MS-V2	1	BXJ2680

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-14	Client Sample Name: SB-2 (8'), 10/24/2014 9:15:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-14	Client Sample Name: SB-2 (8'), 10/24/2014 9:15:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-14	Client Sample Name: SB-2 (8'), 10/24/2014 9:15:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	61.7	%	28 - 144 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	66.9	%	36 - 136 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	61.2	%	31 - 135 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	51.0	%	20 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	80.8	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	67.1	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	10/30/14	11/04/14 19:26	VH1	MS-B1	0.944	BXK0043

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-14	Client Sample Name: SB-2 (8'), 10/24/2014 9:15:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	81.9	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 11:37	MWB	GC-2	0.984	BXJ2865

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLIC)

BCL Sample ID: 1425371-14	Client Sample Name: SB-2 (8'), 10/24/2014 9:15:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	5.2	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	110	mg/kg	0.50	0.18	EPA-6010B	0.21		1
Beryllium	0.42	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	0.070	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium	36	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	7.4	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	20	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	4.1	mg/kg	2.5	0.28	EPA-6010B	ND		1
Mercury	0.051	mg/kg	0.16	0.036	EPA-7471A	ND	J	2
Molybdenum	0.89	mg/kg	2.5	0.050	EPA-6010B	0.11	J	1
Nickel	37	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	5.5	mg/kg	5.0	4.9	EPA-6010B	ND	A10	3
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	1.2	mg/kg	5.0	0.64	EPA-6010B	ND	J	1
Vanadium	37	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	45	mg/kg	2.5	0.087	EPA-6010B	0.37		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	10/30/14	10/31/14	01:05	SRM	PE-OP2	0.990	BXJ2822
2	EPA-7471A	10/29/14	10/30/14	09:54	MEV	CETAC1	0.962	BXJ2696
3	EPA-6010B	10/30/14	11/03/14	21:54	SRM	PE-OP2	4.950	BXJ2822

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-15	Client Sample Name: SB-3 (1'), 10/24/2014 9:53:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Bromobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Bromochloromethane	ND	mg/kg	0.025	0.0046	EPA-8260B	ND	A01,Z1	1
Bromodichloromethane	ND	mg/kg	0.025	0.0042	EPA-8260B	ND	A01,Z1	1
Bromoform	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Bromomethane	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,A40,Z1	1
n-Butylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
sec-Butylbenzene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
tert-Butylbenzene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
Carbon tetrachloride	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Chlorobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Chloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
Chloroform	ND	mg/kg	0.025	0.0032	EPA-8260B	ND	A01,Z1	1
Chloromethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
2-Chlorotoluene	ND	mg/kg	0.025	0.0090	EPA-8260B	ND	A01,Z1	1
4-Chlorotoluene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
Dibromochloromethane	ND	mg/kg	0.025	0.0050	EPA-8260B	ND	A01,Z1	1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.025	0.0085	EPA-8260B	ND	A01,Z1	1
1,2-Dibromoethane	ND	mg/kg	0.025	0.0050	EPA-8260B	ND	A01,Z1	1
Dibromomethane	ND	mg/kg	0.025	0.0090	EPA-8260B	ND	A01,Z1	1
1,2-Dichlorobenzene	ND	mg/kg	0.025	0.0040	EPA-8260B	ND	A01,Z1	1
1,3-Dichlorobenzene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,4-Dichlorobenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Dichlorodifluoromethane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,1-Dichloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,2-Dichloroethane	ND	mg/kg	0.025	0.0042	EPA-8260B	ND	A01,Z1	1
1,1-Dichloroethene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
cis-1,2-Dichloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
trans-1,2-Dichloroethene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,2-Dichloropropane	ND	mg/kg	0.025	0.0040	EPA-8260B	ND	A01,Z1	1
1,3-Dichloropropane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
2,2-Dichloropropane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,1-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-15		Client Sample Name: SB-3 (1'), 10/24/2014 9:53:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
trans-1,3-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
Ethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Hexachlorobutadiene	ND	mg/kg	0.025	0.0085	EPA-8260B	ND	A01,Z1	1
Isopropylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
p-Isopropyltoluene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Methylene chloride	ND	mg/kg	0.050	0.012	EPA-8260B	ND	A01,Z1	1
Methyl t-butyl ether	ND	mg/kg	0.025	0.0025	EPA-8260B	ND	A01,Z1	1
Naphthalene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
n-Propylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Styrene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Tetrachloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Toluene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B	ND	A01,Z1	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B	ND	A01,Z1	1
1,1,1-Trichloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,1,2-Trichloroethane	ND	mg/kg	0.025	0.0038	EPA-8260B	ND	A01,Z1	1
Trichloroethene	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Trichlorofluoromethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,2,3-Trichloropropane	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,Z1	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Vinyl chloride	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,Z1	1
Total Xylenes	ND	mg/kg	0.050	0.017	EPA-8260B	ND	A01,Z1	1
p- & m-Xylenes	ND	mg/kg	0.025	0.011	EPA-8260B	ND	A01,Z1	1
o-Xylene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
1,2-Dichloroethane-d4 (Surrogate)	93.6	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	96.5	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	87.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-15	Client Sample Name: SB-3 (1'), 10/24/2014 9:53:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	10/29/14	10/31/14	13:35	ADC	MS-V2	5	BXJ2680

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-15	Client Sample Name: SB-3 (1'), 10/24/2014 9:53:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1

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101 Second Street, Suite 300
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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-15	Client Sample Name: SB-3 (1'), 10/24/2014 9:53:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-15	Client Sample Name: SB-3 (1'), 10/24/2014 9:53:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	62.2	%	28 - 144 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	70.8	%	36 - 136 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	63.7	%	31 - 135 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	54.9	%	20 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	90.5	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	76.1	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	10/30/14	11/04/14 19:52	VH1	MS-B1	0.983	BXK0043

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-15	Client Sample Name: SB-3 (1'), 10/24/2014 9:53:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	6.5	mg/kg	10	1.2	EPA-8015B/FFP	ND	J	1
TPH - Motor Oil	19	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	81.6	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 13:08	MWB	GC-2	1.010	BXJ2865

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLIC)

BCL Sample ID: 1425371-15		Client Sample Name: SB-3 (1'), 10/24/2014 9:53:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	11	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	180	mg/kg	0.50	0.18	EPA-6010B	0.21		1
Beryllium	0.64	mg/kg	0.50	0.047	EPA-6010B	ND		1
Cadmium	0.056	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium	48	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	10	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	26	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	6.3	mg/kg	2.5	0.28	EPA-6010B	ND		1
Mercury	ND	mg/kg	0.16	0.036	EPA-7471A	ND		2
Molybdenum	0.050	mg/kg	2.5	0.050	EPA-6010B	0.11	J	1
Nickel	38	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	8.3	mg/kg	5.0	4.9	EPA-6010B	ND	A10	3
Silver	0.13	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	1.2	mg/kg	5.0	0.64	EPA-6010B	ND	J	1
Vanadium	51	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	61	mg/kg	2.5	0.087	EPA-6010B	0.37		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	10/30/14	10/31/14	01:25	SRM	PE-OP2	0.990	BXJ2822
2	EPA-7471A	10/29/14	10/30/14	09:56	MEV	CETAC1	0.962	BXJ2696
3	EPA-6010B	10/30/14	11/03/14	23:18	SRM	PE-OP2	4.950	BXJ2822

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-16	Client Sample Name: SB-3 (8'), 10/24/2014 10:04:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-16	Client Sample Name: SB-3 (8'), 10/24/2014 10:04:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	99.9	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.8	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	89.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-16	Client Sample Name: SB-3 (8'), 10/24/2014 10:04:00AM
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Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	10/29/14	10/29/14 18:14	ADC	MS-V2	1	BXJ2680

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Table with 2 columns: BCL Sample ID (1425371-16) and Client Sample Name (SB-3 (8'), 10/24/2014 10:04:00AM)

Main data table with 9 columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Qualls, Run #. Lists various chemical compounds and their detection results.

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101 Second Street, Suite 300
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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-16	Client Sample Name: SB-3 (8'), 10/24/2014 10:04:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-16	Client Sample Name: SB-3 (8'), 10/24/2014 10:04:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	53.7	%	28 - 144 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	61.1	%	36 - 136 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	56.0	%	31 - 135 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	47.8	%	20 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	76.3	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	61.7	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	10/30/14	11/04/14 20:17	VH1	MS-B1	1.017	BXK0043

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-16	Client Sample Name: SB-3 (8'), 10/24/2014 10:04:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	82.7	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 13:31	MWB	GC-2	1.017	BXJ2865

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLIC)

BCL Sample ID: 1425371-16	Client Sample Name: SB-3 (8'), 10/24/2014 10:04:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	4.9	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	190	mg/kg	0.50	0.18	EPA-6010B	0.20		1
Beryllium	0.56	mg/kg	0.50	0.047	EPA-6010B	ND		1
Cadmium	0.20	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium	45	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	6.8	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	24	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	5.9	mg/kg	2.5	0.28	EPA-6010B	ND		1
Mercury	0.073	mg/kg	0.16	0.036	EPA-7471A	ND	J	2
Molybdenum	0.40	mg/kg	2.5	0.050	EPA-6010B	0.10	J	1
Nickel	40	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	7.3	mg/kg	5.0	4.9	EPA-6010B	ND	A10	3
Silver	0.16	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	42	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	58	mg/kg	2.5	0.087	EPA-6010B	0.35		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	10/30/14	10/31/14	01:26	SRM	PE-OP2	0.926	BXJ2822
2	EPA-7471A	10/29/14	10/30/14	09:58	MEV	CETAC1	0.992	BXJ2696
3	EPA-6010B	10/30/14	11/03/14	23:34	SRM	PE-OP2	4.630	BXJ2822

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

Table with 2 columns: BCL Sample ID (1425371-17) and Client Sample Name (SB-4 (1'), 10/24/2014 10:30:00AM)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quads, Run #. Lists various chemical compounds and their detection results.

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-17		Client Sample Name: SB-4 (1'), 10/24/2014 10:30:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	95.1	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	95.6	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	88.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-17	Client Sample Name: SB-4 (1'), 10/24/2014 10:30:00AM
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Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	10/29/14	10/29/14 18:36	ADC	MS-V2	1	BXJ2680

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-17	Client Sample Name: SB-4 (1'), 10/24/2014 10:30:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-17	Client Sample Name: SB-4 (1'), 10/24/2014 10:30:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Table with 2 columns: BCL Sample ID (1425371-17) and Client Sample Name (SB-4 (1'), 10/24/2014 10:30:00AM)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various chemical compounds and their detection results.

Summary table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, QC Batch ID. Shows details for Run #1.

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-17	Client Sample Name: SB-4 (1'), 10/24/2014 10:30:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	88.3	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 13:53	MWB	GC-2	1.017	BXJ2865

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLIC)

BCL Sample ID: 1425371-17	Client Sample Name: SB-4 (1'), 10/24/2014 10:30:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	3.7	mg/kg	1.0	0.40	EPA-6010B	ND		2
Barium	180	mg/kg	0.50	0.18	EPA-6010B	0.20		1
Beryllium	0.65	mg/kg	0.50	0.047	EPA-6010B	ND		1
Cadmium	0.064	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium	47	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	8.1	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	23	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	6.2	mg/kg	2.5	0.28	EPA-6010B	ND		1
Mercury	ND	mg/kg	0.16	0.036	EPA-7471A	ND		3
Molybdenum	0.17	mg/kg	2.5	0.050	EPA-6010B	0.11	J	1
Nickel	35	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	9.4	mg/kg	5.0	4.9	EPA-6010B	ND	A10	4
Silver	0.10	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	1.7	mg/kg	5.0	0.64	EPA-6010B	ND	J	1
Vanadium	48	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	53	mg/kg	2.5	0.087	EPA-6010B	0.36		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	10/30/14	10/31/14	01:28	SRM	PE-OP2	0.971	BXJ2822
2	EPA-6010B	10/30/14	10/31/14	20:46	SRM	PE-OP2	0.971	BXJ2822
3	EPA-7471A	10/29/14	10/30/14	10:00	MEV	CETAC1	1.008	BXJ2696
4	EPA-6010B	10/30/14	11/03/14	23:21	SRM	PE-OP2	4.854	BXJ2822

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101 Second Street, Suite 300
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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-18	Client Sample Name: SB-4 (8'), 10/24/2014 10:40:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Bromobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Bromochloromethane	ND	mg/kg	0.025	0.0046	EPA-8260B	ND	A01,Z1	1
Bromodichloromethane	ND	mg/kg	0.025	0.0042	EPA-8260B	ND	A01,Z1	1
Bromoform	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Bromomethane	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,A40,Z1	1
n-Butylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
sec-Butylbenzene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
tert-Butylbenzene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
Carbon tetrachloride	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Chlorobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Chloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
Chloroform	ND	mg/kg	0.025	0.0032	EPA-8260B	ND	A01,Z1	1
Chloromethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
2-Chlorotoluene	ND	mg/kg	0.025	0.0090	EPA-8260B	ND	A01,Z1	1
4-Chlorotoluene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
Dibromochloromethane	ND	mg/kg	0.025	0.0050	EPA-8260B	ND	A01,Z1	1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.025	0.0085	EPA-8260B	ND	A01,Z1	1
1,2-Dibromoethane	ND	mg/kg	0.025	0.0050	EPA-8260B	ND	A01,Z1	1
Dibromomethane	ND	mg/kg	0.025	0.0090	EPA-8260B	ND	A01,Z1	1
1,2-Dichlorobenzene	ND	mg/kg	0.025	0.0040	EPA-8260B	ND	A01,Z1	1
1,3-Dichlorobenzene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,4-Dichlorobenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Dichlorodifluoromethane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,1-Dichloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,2-Dichloroethane	ND	mg/kg	0.025	0.0042	EPA-8260B	ND	A01,Z1	1
1,1-Dichloroethene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
cis-1,2-Dichloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
trans-1,2-Dichloroethene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,2-Dichloropropane	ND	mg/kg	0.025	0.0040	EPA-8260B	ND	A01,Z1	1
1,3-Dichloropropane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
2,2-Dichloropropane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,1-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-18		Client Sample Name: SB-4 (8'), 10/24/2014 10:40:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
trans-1,3-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
Ethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Hexachlorobutadiene	ND	mg/kg	0.025	0.0085	EPA-8260B	ND	A01,Z1	1
Isopropylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
p-Isopropyltoluene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Methylene chloride	ND	mg/kg	0.050	0.012	EPA-8260B	ND	A01,Z1	1
Methyl t-butyl ether	ND	mg/kg	0.025	0.0025	EPA-8260B	ND	A01,Z1	1
Naphthalene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
n-Propylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Styrene	ND	mg/kg	0.025	0.0070	EPA-8260B	ND	A01,Z1	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Tetrachloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
Toluene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B	ND	A01,Z1	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B	ND	A01,Z1	1
1,1,1-Trichloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,1,2-Trichloroethane	ND	mg/kg	0.025	0.0038	EPA-8260B	ND	A01,Z1	1
Trichloroethene	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
Trichlorofluoromethane	ND	mg/kg	0.025	0.0055	EPA-8260B	ND	A01,Z1	1
1,2,3-Trichloropropane	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,Z1	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B	ND	A01,Z1	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B	ND	A01,Z1	1
Vinyl chloride	ND	mg/kg	0.025	0.0080	EPA-8260B	ND	A01,Z1	1
Total Xylenes	ND	mg/kg	0.050	0.017	EPA-8260B	ND	A01,Z1	1
p- & m-Xylenes	ND	mg/kg	0.025	0.011	EPA-8260B	ND	A01,Z1	1
o-Xylene	ND	mg/kg	0.025	0.0060	EPA-8260B	ND	A01,Z1	1
1,2-Dichloroethane-d4 (Surrogate)	93.3	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	93.0	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	81.7	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-18	Client Sample Name: SB-4 (8'), 10/24/2014 10:40:00AM
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Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	10/29/14	10/31/14 13:57	ADC	MS-V2	5	BXJ2680

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-18	Client Sample Name: SB-4 (8'), 10/24/2014 10:40:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-18	Client Sample Name: SB-4 (8'), 10/24/2014 10:40:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-18	Client Sample Name: SB-4 (8'), 10/24/2014 10:40:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	66.8	%	28 - 144 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	75.1	%	36 - 136 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	69.7	%	31 - 135 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	66.0	%	20 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	90.0	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	97.4	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	10/30/14	11/04/14 21:07	VH1	MS-B1	0.987	BXK0043

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-18	Client Sample Name: SB-4 (8'), 10/24/2014 10:40:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	81.6	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 14:16	MWB	GC-2	0.993	BXJ2865

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLIC)

BCL Sample ID: 1425371-18	Client Sample Name: SB-4 (8'), 10/24/2014 10:40:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	5.6	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	180	mg/kg	0.50	0.18	EPA-6010B	0.20		1
Beryllium	0.48	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	0.17	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium	42	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	6.1	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	19	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	5.4	mg/kg	2.5	0.28	EPA-6010B	ND		1
Mercury	0.065	mg/kg	0.16	0.036	EPA-7471A	ND	J	2
Molybdenum	0.31	mg/kg	2.5	0.050	EPA-6010B	0.10	J	1
Nickel	40	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	5.0	4.9	EPA-6010B	ND	A10	3
Silver	0.086	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	1.2	mg/kg	5.0	0.64	EPA-6010B	ND	J	1
Vanadium	41	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	48	mg/kg	2.5	0.087	EPA-6010B	0.35		1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC
			Date/Time	Analyst			Batch ID
1	EPA-6010B	10/30/14	10/31/14 20:47	SRM	PE-OP2	0.935	BXJ2822
2	EPA-7471A	10/29/14	10/30/14 10:03	MEV	CETAC1	0.962	BXJ2696
3	EPA-6010B	10/30/14	11/03/14 23:23	SRM	PE-OP2	4.673	BXJ2822

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-19	Client Sample Name: SB-4, 10/24/2014 11:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	1.8	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND	A40,V01	1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	8.1	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-19		Client Sample Name: SB-4, 10/24/2014 11:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	0.20	ug/L	0.50	0.14	EPA-8260B	ND	J	1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	0.26	ug/L	0.50	0.11	EPA-8260B	ND	J	1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	11	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	10	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	0.36	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	96.9	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.1	%	80 - 120 (LCL - UCL)		EPA-8260B			1

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101 Second Street, Suite 300
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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-19	Client Sample Name: SB-4, 10/24/2014 11:00:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	10/28/14	10/29/14	17:54	JCC	MS-V14	1	BXJ2401

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-19	Client Sample Name: SB-4, 10/24/2014 11:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	ug/L	2.0	0.24	EPA-8270C	ND		1
Acenaphthylene	ND	ug/L	2.0	0.28	EPA-8270C	ND		1
Aldrin	ND	ug/L	2.0	0.35	EPA-8270C	ND		1
Aniline	ND	ug/L	5.0	0.69	EPA-8270C	ND		1
Anthracene	ND	ug/L	2.0	0.30	EPA-8270C	ND		1
Benzidine	ND	ug/L	20	7.1	EPA-8270C	ND		1
Benzo[a]anthracene	ND	ug/L	2.0	0.38	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	ug/L	2.0	0.41	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	ug/L	2.0	0.31	EPA-8270C	ND		1
Benzo[a]pyrene	ND	ug/L	2.0	0.20	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	ug/L	2.0	0.22	EPA-8270C	ND		1
Benzoic acid	ND	ug/L	10	5.8	EPA-8270C	ND		1
Benzyl alcohol	ND	ug/L	2.0	0.34	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	ug/L	2.0	0.47	EPA-8270C	ND		1
alpha-BHC	ND	ug/L	2.0	0.27	EPA-8270C	ND		1
beta-BHC	ND	ug/L	2.0	0.27	EPA-8270C	ND		1
delta-BHC	ND	ug/L	2.0	0.30	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	ug/L	2.0	0.22	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	ug/L	2.0	0.27	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	ug/L	2.0	0.68	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	ug/L	2.0	0.30	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.0	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	ug/L	2.0	0.23	EPA-8270C	ND		1
4-Chloroaniline	ND	ug/L	2.0	0.69	EPA-8270C	ND		1
2-Chloronaphthalene	ND	ug/L	2.0	0.34	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	ug/L	2.0	0.23	EPA-8270C	ND		1
Chrysene	ND	ug/L	2.0	0.63	EPA-8270C	ND		1
4,4'-DDD	ND	ug/L	2.0	0.48	EPA-8270C	ND		1
4,4'-DDE	ND	ug/L	3.0	0.41	EPA-8270C	ND		1
4,4'-DDT	ND	ug/L	2.0	0.43	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	ug/L	3.0	0.26	EPA-8270C	ND		1
Dibenzofuran	ND	ug/L	2.0	0.21	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	ug/L	2.0	0.37	EPA-8270C	ND		1

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-19	Client Sample Name: SB-4, 10/24/2014 11:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	ug/L	2.0	0.35	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	ug/L	2.0	0.31	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	ug/L	10	8.2	EPA-8270C	ND		1
Dieldrin	ND	ug/L	3.0	0.41	EPA-8270C	ND		1
Diethyl phthalate	ND	ug/L	2.0	0.33	EPA-8270C	ND		1
Dimethyl phthalate	ND	ug/L	2.0	0.39	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	ug/L	2.0	0.39	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	ug/L	2.0	0.26	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	ug/L	2.0	0.41	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	ug/L	2.0	0.46	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	ug/L	2.0	0.34	EPA-8270C	ND		1
Endosulfan I	ND	ug/L	10	1.7	EPA-8270C	ND		1
Endosulfan II	ND	ug/L	10	1.2	EPA-8270C	ND		1
Endosulfan sulfate	ND	ug/L	3.0	0.58	EPA-8270C	ND		1
Endrin	ND	ug/L	2.0	1.1	EPA-8270C	ND		1
Endrin aldehyde	ND	ug/L	10	0.52	EPA-8270C	ND		1
Fluoranthene	ND	ug/L	2.0	0.20	EPA-8270C	ND		1
Fluorene	ND	ug/L	2.0	0.28	EPA-8270C	ND		1
Heptachlor	ND	ug/L	2.0	0.32	EPA-8270C	ND		1
Heptachlor epoxide	ND	ug/L	2.0	0.27	EPA-8270C	ND		1
Hexachlorobenzene	ND	ug/L	2.0	0.20	EPA-8270C	ND		1
Hexachlorobutadiene	ND	ug/L	2.0	0.24	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	ug/L	2.0	0.30	EPA-8270C	ND		1
Hexachloroethane	ND	ug/L	2.0	0.32	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	ug/L	2.0	0.26	EPA-8270C	ND		1
Isophorone	ND	ug/L	2.0	0.31	EPA-8270C	ND		1
2-Methylnaphthalene	ND	ug/L	2.0	0.28	EPA-8270C	ND		1
Naphthalene	ND	ug/L	2.0	0.21	EPA-8270C	ND		1
2-Naphthylamine	ND	ug/L	20	4.8	EPA-8270C	ND		1
2-Nitroaniline	ND	ug/L	2.0	0.33	EPA-8270C	ND		1
3-Nitroaniline	ND	ug/L	2.0	0.66	EPA-8270C	ND		1
4-Nitroaniline	ND	ug/L	5.0	0.87	EPA-8270C	ND		1
Nitrobenzene	ND	ug/L	2.0	0.26	EPA-8270C	ND		1

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Table with 2 columns: BCL Sample ID (1425371-19) and Client Sample Name (SB-4, 10/24/2014 11:00:00AM)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various chemical compounds and their detection results.

Summary table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, QC Batch ID. Shows details for Run #1.

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-19	Client Sample Name: SB-4, 10/24/2014 11:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	ug/L	500	200	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	ug/L	200	34	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	ug/L	500	66	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	76.6	%	37 - 134 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/29/14	10/30/14 10:30	MWB	GC-2	1	BXJ2761

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Metals Analysis

BCL Sample ID: 1425371-19	Client Sample Name: SB-4, 10/24/2014 11:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Total Antimony	ND	ug/L	2000	170	EPA-6010B	ND	A10	1
Total Arsenic	ND	ug/L	1000	160	EPA-6010B	ND	A10	1
Total Barium	2800	ug/L	200	70	EPA-6010B	ND	A10	1
Total Beryllium	ND	ug/L	200	10	EPA-6010B	ND	A10	1
Total Cadmium	ND	ug/L	200	22	EPA-6010B	ND	A10	1
Total Chromium	210	ug/L	200	22	EPA-6010B	ND	A10	1
Total Cobalt	43	ug/L	1000	26	EPA-6010B	ND	J,A10	1
Total Copper	140	ug/L	200	22	EPA-6010B	ND	J,A10	1
Total Lead	ND	ug/L	1000	80	EPA-6010B	ND	A10	1
Total Mercury	0.33	ug/L	0.20	0.033	EPA-7470A	ND		2
Total Molybdenum	ND	ug/L	1000	24	EPA-6010B	ND	A10	1
Total Nickel	320	ug/L	200	40	EPA-6010B	ND	A10	1
Total Selenium	370	ug/L	2000	300	EPA-6010B	ND	J,A10	1
Total Silver	ND	ug/L	200	38	EPA-6010B	ND	A10	1
Total Thallium	ND	ug/L	2000	480	EPA-6010B	ND	A10	1
Total Vanadium	220	ug/L	200	44	EPA-6010B	ND	A10	1
Total Zinc	470	ug/L	1000	46	EPA-6010B	ND	J,A10	1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC
			Date/Time	Analyst			Batch ID
1	EPA-6010B	10/30/14	10/30/14 20:07	SRM	PE-OP2	20	BXJ2796
2	EPA-7470A	10/30/14	10/31/14 10:38	MEV	CETAC1	1	BXJ2794

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-20	Client Sample Name: SB-5 (1'), 10/24/2014 11:26:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-20		Client Sample Name: SB-5 (1'), 10/24/2014 11:26:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	97.9	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.8	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	84.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-20	Client Sample Name: SB-5 (1'), 10/24/2014 11:26:00AM
----------------------------------	---

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	10/29/14	10/29/14	19:20	ADC	MS-V2	1	BXJ2680

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-20	Client Sample Name: SB-5 (1'), 10/24/2014 11:26:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-20	Client Sample Name: SB-5 (1'), 10/24/2014 11:26:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Table with 2 columns: BCL Sample ID (1425371-20) and Client Sample Name (SB-5 (1'), 10/24/2014 11:26:00AM)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various chemical compounds and their detection results.

Summary table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, QC Batch ID. Shows details for Run #1.

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-20	Client Sample Name: SB-5 (1'), 10/24/2014 11:26:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	18	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	76.4	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 14:39	MWB	GC-2	1	BXJ2865

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLC)

BCL Sample ID: 1425371-20	Client Sample Name: SB-5 (1'), 10/24/2014 11:26:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	5.4	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	180	mg/kg	0.50	0.18	EPA-6010B	0.21		1
Beryllium	0.77	mg/kg	0.50	0.047	EPA-6010B	ND		1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	52	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	9.4	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	30	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	7.1	mg/kg	2.5	0.28	EPA-6010B	ND		1
Mercury	0.036	mg/kg	0.16	0.036	EPA-7471A	ND	J	2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	0.11		1
Nickel	41	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	12	mg/kg	5.0	4.9	EPA-6010B	ND	A10	3
Silver	0.13	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	1.2	mg/kg	5.0	0.64	EPA-6010B	ND	J	1
Vanadium	55	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	63	mg/kg	2.5	0.087	EPA-6010B	0.37		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	10/30/14	10/31/14	01:31	SRM	PE-OP2	0.990	BXJ2822
2	EPA-7471A	10/29/14	10/30/14	10:09	MEV	CETAC1	0.977	BXJ2696
3	EPA-6010B	10/30/14	11/03/14	23:24	SRM	PE-OP2	4.950	BXJ2822

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-21		Client Sample Name: SB-5 (8'), 10/24/2014 11:50:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-21		Client Sample Name: SB-5 (8'), 10/24/2014 11:50:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	99.4	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	93.5	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	88.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-21	Client Sample Name: SB-5 (8'), 10/24/2014 11:50:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	10/29/14	10/29/14	19:42	ADC	MS-V2	1	BXJ2680

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-21	Client Sample Name: SB-5 (8'), 10/24/2014 11:50:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.19	0.036	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.19	0.046	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.38	0.10	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
Benzidine	ND	mg/kg	5.7	0.42	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.19	0.023	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.19	0.036	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.19	0.029	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.19	0.11	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.95	0.13	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.19	0.040	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.19	0.040	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.19	0.031	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.19	0.040	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.38	0.082	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.19	0.052	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.19	0.038	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.19	0.029	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.19	0.036	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.19	0.036	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.19	0.038	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.19	0.038	EPA-8270C	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-21	Client Sample Name: SB-5 (8'), 10/24/2014 11:50:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.19	0.040	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.19	0.036	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.38	0.013	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.19	0.059	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.19	0.036	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.19	0.038	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.19	0.042	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.19	0.036	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.38	0.038	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.38	0.040	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.19	0.040	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.38	0.048	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.95	0.042	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.19	0.036	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.19	0.040	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.19	0.031	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.19	0.036	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.19	0.038	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.19	0.14	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	5.7	0.31	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.38	0.029	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.38	0.048	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.19	0.029	EPA-8270C	ND		1

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-21	Client Sample Name: SB-5 (8'), 10/24/2014 11:50:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.19	0.071	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.19	0.040	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.19	0.040	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.19	0.034	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.38	0.042	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.19	0.031	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.19	0.067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.95	0.023	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.95	0.015	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.19	0.032	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.38	0.063	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.19	0.031	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.38	0.034	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.38	0.025	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.19	0.031	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.38	0.034	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.38	0.032	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	70.6	%	28 - 144 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	77.7	%	36 - 136 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	79.8	%	31 - 135 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	79.3	%	20 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	88.7	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	94.3	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	10/30/14	11/04/14 21:58	VH1	MS-B1	1.909	BXK0043

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-21	Client Sample Name: SB-5 (8'), 10/24/2014 11:50:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	39	9.9	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	20	2.4	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	39	13	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	82.6	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/30/14	10/31/14 15:01	MWB	GC-2	1.974	BXJ2865

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLIC)

BCL Sample ID: 1425371-21	Client Sample Name: SB-5 (8'), 10/24/2014 11:50:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	6.6	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	340	mg/kg	0.50	0.18	EPA-6010B	0.20		1
Beryllium	0.56	mg/kg	0.50	0.047	EPA-6010B	ND		1
Cadmium	0.15	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium	45	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	11	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	31	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	6.5	mg/kg	2.5	0.28	EPA-6010B	ND		1
Mercury	0.085	mg/kg	0.16	0.036	EPA-7471A	ND	J	2
Molybdenum	1.5	mg/kg	2.5	0.050	EPA-6010B	0.10	J	1
Nickel	53	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	6.1	mg/kg	5.0	4.9	EPA-6010B	ND	A10	3
Silver	0.090	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	1.6	mg/kg	5.0	0.64	EPA-6010B	ND	J	1
Vanadium	47	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	62	mg/kg	2.5	0.087	EPA-6010B	0.36		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	10/30/14	10/31/14	01:32	SRM	PE-OP2	0.952	BXJ2822
2	EPA-7471A	10/29/14	10/30/14	10:11	MEV	CETAC1	1.008	BXJ2696
3	EPA-6010B	10/30/14	11/03/14	22:45	SRM	PE-OP2	4.762	BXJ2822

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-22	Client Sample Name: SB-5, 10/24/2014 11:52:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND	A40,V01	1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-22		Client Sample Name: SB-5, 10/24/2014 11:52:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	0.37	ug/L	0.50	0.13	EPA-8260B	ND	J	1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	0.36	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	101	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	96.3	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	90.8	%	80 - 120 (LCL - UCL)		EPA-8260B			1

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1425371-22 **Client Sample Name:** SB-5, 10/24/2014 11:52:00AM

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	10/28/14	10/29/14	18:17	JCC	MS-V14	1	BXJ2401

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-22	Client Sample Name: SB-5, 10/24/2014 11:52:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	ug/L	2.0	0.24	EPA-8270C	ND		1
Acenaphthylene	ND	ug/L	2.0	0.28	EPA-8270C	ND		1
Aldrin	ND	ug/L	2.0	0.35	EPA-8270C	ND		1
Aniline	ND	ug/L	5.0	0.69	EPA-8270C	ND		1
Anthracene	ND	ug/L	2.0	0.30	EPA-8270C	ND		1
Benzidine	ND	ug/L	20	7.1	EPA-8270C	ND		1
Benzo[a]anthracene	ND	ug/L	2.0	0.38	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	ug/L	2.0	0.41	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	ug/L	2.0	0.31	EPA-8270C	ND		1
Benzo[a]pyrene	ND	ug/L	2.0	0.20	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	ug/L	2.0	0.22	EPA-8270C	ND		1
Benzoic acid	ND	ug/L	10	5.8	EPA-8270C	ND		1
Benzyl alcohol	ND	ug/L	2.0	0.34	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	ug/L	2.0	0.47	EPA-8270C	ND		1
alpha-BHC	ND	ug/L	2.0	0.27	EPA-8270C	ND		1
beta-BHC	ND	ug/L	2.0	0.27	EPA-8270C	ND		1
delta-BHC	ND	ug/L	2.0	0.30	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	ug/L	2.0	0.22	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	ug/L	2.0	0.27	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	ug/L	2.0	0.68	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	ug/L	2.0	0.30	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.0	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	ug/L	2.0	0.23	EPA-8270C	ND		1
4-Chloroaniline	ND	ug/L	2.0	0.69	EPA-8270C	ND		1
2-Chloronaphthalene	ND	ug/L	2.0	0.34	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	ug/L	2.0	0.23	EPA-8270C	ND		1
Chrysene	ND	ug/L	2.0	0.63	EPA-8270C	ND		1
4,4'-DDD	ND	ug/L	2.0	0.48	EPA-8270C	ND		1
4,4'-DDE	ND	ug/L	3.0	0.41	EPA-8270C	ND		1
4,4'-DDT	ND	ug/L	2.0	0.43	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	ug/L	3.0	0.26	EPA-8270C	ND		1
Dibenzofuran	ND	ug/L	2.0	0.21	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	ug/L	2.0	0.37	EPA-8270C	ND		1

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-22	Client Sample Name: SB-5, 10/24/2014 11:52:00AM
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	ug/L	2.0	0.35	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	ug/L	2.0	0.31	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	ug/L	10	8.2	EPA-8270C	ND		1
Dieldrin	ND	ug/L	3.0	0.41	EPA-8270C	ND		1
Diethyl phthalate	ND	ug/L	2.0	0.33	EPA-8270C	ND		1
Dimethyl phthalate	ND	ug/L	2.0	0.39	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	ug/L	2.0	0.39	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	ug/L	2.0	0.26	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	ug/L	2.0	0.41	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	ug/L	2.0	0.46	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	ug/L	2.0	0.34	EPA-8270C	ND		1
Endosulfan I	ND	ug/L	10	1.7	EPA-8270C	ND		1
Endosulfan II	ND	ug/L	10	1.2	EPA-8270C	ND		1
Endosulfan sulfate	ND	ug/L	3.0	0.58	EPA-8270C	ND		1
Endrin	ND	ug/L	2.0	1.1	EPA-8270C	ND		1
Endrin aldehyde	ND	ug/L	10	0.52	EPA-8270C	ND		1
Fluoranthene	ND	ug/L	2.0	0.20	EPA-8270C	ND		1
Fluorene	ND	ug/L	2.0	0.28	EPA-8270C	ND		1
Heptachlor	ND	ug/L	2.0	0.32	EPA-8270C	ND		1
Heptachlor epoxide	ND	ug/L	2.0	0.27	EPA-8270C	ND		1
Hexachlorobenzene	ND	ug/L	2.0	0.20	EPA-8270C	ND		1
Hexachlorobutadiene	ND	ug/L	2.0	0.24	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	ug/L	2.0	0.30	EPA-8270C	ND		1
Hexachloroethane	ND	ug/L	2.0	0.32	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	ug/L	2.0	0.26	EPA-8270C	ND		1
Isophorone	ND	ug/L	2.0	0.31	EPA-8270C	ND		1
2-Methylnaphthalene	ND	ug/L	2.0	0.28	EPA-8270C	ND		1
Naphthalene	ND	ug/L	2.0	0.21	EPA-8270C	ND		1
2-Naphthylamine	ND	ug/L	20	4.8	EPA-8270C	ND		1
2-Nitroaniline	ND	ug/L	2.0	0.33	EPA-8270C	ND		1
3-Nitroaniline	ND	ug/L	2.0	0.66	EPA-8270C	ND		1
4-Nitroaniline	ND	ug/L	5.0	0.87	EPA-8270C	ND		1
Nitrobenzene	ND	ug/L	2.0	0.26	EPA-8270C	ND		1

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1425371-22	Client Sample Name: SB-5, 10/24/2014 11:52:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	ug/L	2.0	0.61	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	ug/L	2.0	1.3	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	ug/L	2.0	0.44	EPA-8270C	ND		1
Phenanthrene	ND	ug/L	2.0	0.20	EPA-8270C	ND		1
Pyrene	ND	ug/L	2.0	0.26	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.27	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	ug/L	5.0	0.40	EPA-8270C	ND		1
2-Chlorophenol	ND	ug/L	2.0	0.37	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	ug/L	2.0	0.43	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	ug/L	2.0	0.20	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	ug/L	10	0.34	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	ug/L	10	0.20	EPA-8270C	ND		1
2-Methylphenol	ND	ug/L	2.0	1.0	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	ug/L	2.0	1.6	EPA-8270C	ND		1
2-Nitrophenol	ND	ug/L	2.0	0.28	EPA-8270C	ND		1
4-Nitrophenol	ND	ug/L	2.0	0.73	EPA-8270C	ND		1
Pentachlorophenol	ND	ug/L	10	0.79	EPA-8270C	ND		1
Phenol	ND	ug/L	2.0	0.20	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	ug/L	5.0	0.31	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	ug/L	5.0	0.60	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	46.5	%	30 - 120 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	58.0	%	12 - 110 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	85.3	%	60 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	73.3	%	55 - 125 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	84.3	%	40 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	82.9	%	40 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	10/29/14	10/30/14 14:05	VH1	MS-B1	0.970	BXJ2953

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1425371-22	Client Sample Name: SB-5, 10/24/2014 11:52:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	ug/L	500	200	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	ug/L	200	34	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	ug/L	500	66	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	76.7	%	37 - 134 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	10/29/14	10/30/14 10:53	MWB	GC-2	1	BXJ2761

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Metals Analysis

BCL Sample ID: 1425371-22	Client Sample Name: SB-5, 10/24/2014 11:52:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Total Antimony	ND	ug/L	2000	170	EPA-6010B	ND	A10	1
Total Arsenic	ND	ug/L	1000	160	EPA-6010B	ND	A10	1
Total Barium	4600	ug/L	200	70	EPA-6010B	ND	A10	1
Total Beryllium	ND	ug/L	200	10	EPA-6010B	ND	A10	1
Total Cadmium	ND	ug/L	200	22	EPA-6010B	ND	A10	1
Total Chromium	800	ug/L	200	22	EPA-6010B	ND	A10	1
Total Cobalt	210	ug/L	1000	26	EPA-6010B	ND	J,A10	1
Total Copper	530	ug/L	200	22	EPA-6010B	ND	A10	1
Total Lead	ND	ug/L	1000	80	EPA-6010B	ND	A10	1
Total Mercury	1.6	ug/L	0.20	0.033	EPA-7470A	ND		2
Total Molybdenum	ND	ug/L	1000	24	EPA-6010B	ND	A10	1
Total Nickel	1000	ug/L	200	40	EPA-6010B	ND	A10	1
Total Selenium	360	ug/L	2000	300	EPA-6010B	ND	J,A10	1
Total Silver	ND	ug/L	200	38	EPA-6010B	ND	A10	1
Total Thallium	ND	ug/L	2000	480	EPA-6010B	ND	A10	1
Total Vanadium	670	ug/L	200	44	EPA-6010B	ND	A10	1
Total Zinc	1300	ug/L	1000	46	EPA-6010B	ND	A10	1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC
			Date/Time	Analyst			Batch ID
1	EPA-6010B	10/30/14	10/30/14 20:09	SRM	PE-OP2	20	BXJ2796
2	EPA-7470A	10/30/14	10/31/14 10:40	MEV	CETAC1	1	BXJ2794

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Organochlorine Pesticides (EPA Method 8081B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXJ2892						
Aldrin	BXJ2892-BLK1	ND	mg/kg	0.00050	0.000026	
alpha-BHC	BXJ2892-BLK1	ND	mg/kg	0.00050	0.00014	
beta-BHC	BXJ2892-BLK1	ND	mg/kg	0.00050	0.00038	
delta-BHC	BXJ2892-BLK1	ND	mg/kg	0.00050	0.000076	
gamma-BHC (Lindane)	BXJ2892-BLK1	ND	mg/kg	0.00050	0.00025	
Chlordane (Technical)	BXJ2892-BLK1	ND	mg/kg	0.050	0.015	
4,4'-DDD	BXJ2892-BLK1	ND	mg/kg	0.00050	0.000063	
4,4'-DDE	BXJ2892-BLK1	ND	mg/kg	0.00050	0.000045	
4,4'-DDT	BXJ2892-BLK1	ND	mg/kg	0.00050	0.000031	
Dieldrin	BXJ2892-BLK1	ND	mg/kg	0.00050	0.000032	
Endosulfan I	BXJ2892-BLK1	ND	mg/kg	0.00050	0.000086	
Endosulfan II	BXJ2892-BLK1	ND	mg/kg	0.00050	0.000066	
Endosulfan sulfate	BXJ2892-BLK1	ND	mg/kg	0.00050	0.00013	
Endrin	BXJ2892-BLK1	ND	mg/kg	0.00050	0.000035	
Endrin aldehyde	BXJ2892-BLK1	ND	mg/kg	0.00050	0.000061	
Heptachlor	BXJ2892-BLK1	ND	mg/kg	0.00050	0.00026	
Heptachlor epoxide	BXJ2892-BLK1	ND	mg/kg	0.00050	0.00015	
Methoxychlor	BXJ2892-BLK1	ND	mg/kg	0.00050	0.00013	
Toxaphene	BXJ2892-BLK1	ND	mg/kg	0.050	0.0074	
TCMX (Surrogate)	BXJ2892-BLK1	88.6	%	20 - 140 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BXJ2892-BLK1	87.7	%	20 - 140 (LCL - UCL)		

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Organochlorine Pesticides (EPA Method 8081B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BXJ2892										
Aldrin	BXJ2892-BS1	LCS	0.0048586	0.0050505	mg/kg	96.2		70 - 130		
gamma-BHC (Lindane)	BXJ2892-BS1	LCS	0.0050939	0.0050505	mg/kg	101		60 - 140		
4,4'-DDT	BXJ2892-BS1	LCS	0.0048101	0.0050505	mg/kg	95.2		60 - 140		
Dieldrin	BXJ2892-BS1	LCS	0.0048081	0.0050505	mg/kg	95.2		70 - 130		
Endrin	BXJ2892-BS1	LCS	0.0035697	0.0050505	mg/kg	70.7		60 - 140		
Heptachlor	BXJ2892-BS1	LCS	0.0048431	0.0050505	mg/kg	95.9		40 - 140		
TCMX (Surrogate)	BXJ2892-BS1	LCS	0.0096778	0.010101	mg/kg	95.8		20 - 140		
Decachlorobiphenyl (Surrogate)	BXJ2892-BS1	LCS	0.023184	0.025253	mg/kg	91.8		20 - 140		

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Organochlorine Pesticides (EPA Method 8081B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery		Lab	
								RPD	Percent Recovery		
QC Batch ID: BXJ2892		Used client sample: N									
Aldrin	MS	1421801-15	ND	0.0048599	0.0050505	mg/kg		96.2		30 - 140	
	MSD	1421801-15	ND	0.0047000	0.0050505	mg/kg	3.3	93.1	30	30 - 140	
gamma-BHC (Lindane)	MS	1421801-15	ND	0.0051222	0.0050505	mg/kg		101		30 - 140	
	MSD	1421801-15	ND	0.0050141	0.0050505	mg/kg	2.1	99.3	30	30 - 140	
4,4'-DDT	MS	1421801-15	ND	0.0047848	0.0050505	mg/kg		94.7		30 - 140	
	MSD	1421801-15	ND	0.0047125	0.0050505	mg/kg	1.5	93.3	30	30 - 140	
Dieldrin	MS	1421801-15	ND	0.0047768	0.0050505	mg/kg		94.6		40 - 140	
	MSD	1421801-15	ND	0.0046370	0.0050505	mg/kg	3.0	91.8	30	40 - 140	
Endrin	MS	1421801-15	ND	0.0035963	0.0050505	mg/kg		71.2		30 - 150	
	MSD	1421801-15	ND	0.0034508	0.0050505	mg/kg	4.1	68.3	30	30 - 150	
Heptachlor	MS	1421801-15	ND	0.0047825	0.0050505	mg/kg		94.7		70 - 130	
	MSD	1421801-15	ND	0.0046343	0.0050505	mg/kg	3.1	91.8	30	70 - 130	
TCMX (Surrogate)	MS	1421801-15	ND	0.0093811	0.010101	mg/kg		92.9		20 - 140	
	MSD	1421801-15	ND	0.0091559	0.010101	mg/kg	2.4	90.6		20 - 140	
Decachlorobiphenyl (Surrogate)	MS	1421801-15	ND	0.021696	0.025253	mg/kg		85.9		20 - 140	
	MSD	1421801-15	ND	0.020922	0.025253	mg/kg	3.6	82.8		20 - 140	

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXJ2921						
PCB-1016	BXJ2921-BLK1	ND	mg/kg	0.010	0.0027	
PCB-1221	BXJ2921-BLK1	ND	mg/kg	0.010	0.0038	
PCB-1232	BXJ2921-BLK1	ND	mg/kg	0.010	0.0024	
PCB-1242	BXJ2921-BLK1	ND	mg/kg	0.010	0.0040	
PCB-1248	BXJ2921-BLK1	ND	mg/kg	0.010	0.0026	
PCB-1254	BXJ2921-BLK1	ND	mg/kg	0.010	0.0032	
PCB-1260	BXJ2921-BLK1	ND	mg/kg	0.010	0.0016	
Total PCB's (Summation)	BXJ2921-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	BXJ2921-BLK1	75.0	%		50 - 140 (LCL - UCL)	

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Quals
								Percent Recovery	RPD		
QC Batch ID: BXJ2921											
PCB-1016	BXJ2921-BS1	LCS	0.077152	0.082781	mg/kg	93.2		60	130		
PCB-1260	BXJ2921-BS1	LCS	0.078808	0.082781	mg/kg	95.2		70	130		
Decachlorobiphenyl (Surrogate)	BXJ2921-BS1	LCS	0.0056291	0.0066225	mg/kg	85.0		50	140		

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Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BXJ2921		Used client sample: N								
PCB-1016	MS	1425343-11	ND	0.078218	0.082508	mg/kg		94.8		40 - 130
	MSD	1425343-11	ND	0.091582	0.084175	mg/kg	15.7	109	30	40 - 130
PCB-1260	MS	1425343-11	ND	0.068647	0.082508	mg/kg		83.2		40 - 130
	MSD	1425343-11	ND	0.082155	0.084175	mg/kg	17.9	97.6	30	40 - 130
Decachlorobiphenyl (Surrogate)	MS	1425343-11	ND	0.0049505	0.0066007	mg/kg		75.0		50 - 140
	MSD	1425343-11	ND	0.0060606	0.0067340	mg/kg	20.2	90.0		50 - 140

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXJ2401						
Benzene	BXJ2401-BLK1	ND	ug/L	0.50	0.083	
Bromobenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.13	
Bromochloromethane	BXJ2401-BLK1	ND	ug/L	0.50	0.24	
Bromodichloromethane	BXJ2401-BLK1	ND	ug/L	0.50	0.14	
Bromoform	BXJ2401-BLK1	ND	ug/L	0.50	0.27	
Bromomethane	BXJ2401-BLK1	ND	ug/L	1.0	0.25	
n-Butylbenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.11	
sec-Butylbenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.15	
tert-Butylbenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.13	
Carbon tetrachloride	BXJ2401-BLK1	ND	ug/L	0.50	0.18	
Chlorobenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.093	
Chloroethane	BXJ2401-BLK1	ND	ug/L	0.50	0.14	
Chloroform	BXJ2401-BLK1	ND	ug/L	0.50	0.12	
Chloromethane	BXJ2401-BLK1	ND	ug/L	0.50	0.14	
2-Chlorotoluene	BXJ2401-BLK1	ND	ug/L	0.50	0.20	
4-Chlorotoluene	BXJ2401-BLK1	ND	ug/L	0.50	0.15	
Dibromochloromethane	BXJ2401-BLK1	ND	ug/L	0.50	0.13	
1,2-Dibromo-3-chloropropane	BXJ2401-BLK1	ND	ug/L	1.0	0.44	
1,2-Dibromoethane	BXJ2401-BLK1	ND	ug/L	0.50	0.16	
Dibromomethane	BXJ2401-BLK1	ND	ug/L	0.50	0.24	
1,2-Dichlorobenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.072	
1,3-Dichlorobenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.15	
1,4-Dichlorobenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.062	
Dichlorodifluoromethane	BXJ2401-BLK1	ND	ug/L	0.50	0.099	
1,1-Dichloroethane	BXJ2401-BLK1	ND	ug/L	0.50	0.11	
1,2-Dichloroethane	BXJ2401-BLK1	ND	ug/L	0.50	0.17	
1,1-Dichloroethene	BXJ2401-BLK1	ND	ug/L	0.50	0.18	
cis-1,2-Dichloroethene	BXJ2401-BLK1	ND	ug/L	0.50	0.085	
trans-1,2-Dichloroethene	BXJ2401-BLK1	ND	ug/L	0.50	0.15	
1,2-Dichloropropane	BXJ2401-BLK1	ND	ug/L	0.50	0.13	
1,3-Dichloropropane	BXJ2401-BLK1	ND	ug/L	0.50	0.086	
2,2-Dichloropropane	BXJ2401-BLK1	ND	ug/L	0.50	0.13	
1,1-Dichloropropene	BXJ2401-BLK1	ND	ug/L	0.50	0.085	
cis-1,3-Dichloropropene	BXJ2401-BLK1	ND	ug/L	0.50	0.14	

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXJ2401						
trans-1,3-Dichloropropene	BXJ2401-BLK1	ND	ug/L	0.50	0.079	
Ethylbenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.098	
Hexachlorobutadiene	BXJ2401-BLK1	ND	ug/L	0.50	0.17	
Isopropylbenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.14	
p-Isopropyltoluene	BXJ2401-BLK1	ND	ug/L	0.50	0.12	
Methylene chloride	BXJ2401-BLK1	ND	ug/L	1.0	0.48	
Methyl t-butyl ether	BXJ2401-BLK1	ND	ug/L	0.50	0.11	
Naphthalene	BXJ2401-BLK1	ND	ug/L	0.50	0.36	
n-Propylbenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.11	
Styrene	BXJ2401-BLK1	ND	ug/L	0.50	0.068	
1,1,1,2-Tetrachloroethane	BXJ2401-BLK1	ND	ug/L	0.50	0.18	
1,1,1,2,2-Tetrachloroethane	BXJ2401-BLK1	ND	ug/L	0.50	0.17	
Tetrachloroethane	BXJ2401-BLK1	ND	ug/L	0.50	0.13	
Toluene	BXJ2401-BLK1	ND	ug/L	0.50	0.093	
1,2,3-Trichlorobenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.16	
1,2,4-Trichlorobenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.19	
1,1,1-Trichloroethane	BXJ2401-BLK1	ND	ug/L	0.50	0.11	
1,1,2-Trichloroethane	BXJ2401-BLK1	ND	ug/L	0.50	0.16	
Trichloroethene	BXJ2401-BLK1	ND	ug/L	0.50	0.085	
Trichlorofluoromethane	BXJ2401-BLK1	ND	ug/L	0.50	0.13	
1,2,3-Trichloropropane	BXJ2401-BLK1	ND	ug/L	1.0	0.24	
1,1,2-Trichloro-1,2,2-trifluoroethane	BXJ2401-BLK1	ND	ug/L	0.50	0.15	
1,2,4-Trimethylbenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.12	
1,3,5-Trimethylbenzene	BXJ2401-BLK1	ND	ug/L	0.50	0.12	
Vinyl chloride	BXJ2401-BLK1	ND	ug/L	0.50	0.12	
Total Xylenes	BXJ2401-BLK1	ND	ug/L	1.0	0.36	
p- & m-Xylenes	BXJ2401-BLK1	ND	ug/L	0.50	0.28	
o-Xylene	BXJ2401-BLK1	ND	ug/L	0.50	0.082	
1,2-Dichloroethane-d4 (Surrogate)	BXJ2401-BLK1	91.8	%	75 - 125 (LCL - UCL)		
Toluene-d8 (Surrogate)	BXJ2401-BLK1	98.1	%	80 - 120 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BXJ2401-BLK1	91.2	%	80 - 120 (LCL - UCL)		

QC Batch ID: BXJ2680						
Benzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXJ2680						
Bromobenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	
Bromochloromethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.00092	
Bromodichloromethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.00084	
Bromoform	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0015	
Bromomethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0016	
n-Butylbenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0015	
sec-Butylbenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0012	
tert-Butylbenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0012	
Carbon tetrachloride	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0011	
Chlorobenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	
Chloroethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0014	
Chloroform	BXJ2680-BLK1	ND	mg/kg	0.0050	0.00063	
Chloromethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0014	
2-Chlorotoluene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0018	
4-Chlorotoluene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0014	
Dibromochloromethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.00099	
1,2-Dibromo-3-chloropropane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0017	
1,2-Dibromoethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0010	
Dibromomethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0018	
1,2-Dichlorobenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichlorobenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0014	
1,4-Dichlorobenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0015	
Dichlorodifluoromethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloroethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloroethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.00085	
1,1-Dichloroethene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,2-Dichloroethene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	
trans-1,2-Dichloroethene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloropropane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichloropropane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0011	
2,2-Dichloropropane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloropropene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,3-Dichloropropene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0011	
trans-1,3-Dichloropropene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0012	

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Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXJ2680						
Ethylbenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0015	
Hexachlorobutadiene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0017	
Isopropylbenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	
p-Isopropyltoluene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	
Methylene chloride	BXJ2680-BLK1	ND	mg/kg	0.010	0.0024	
Methyl t-butyl ether	BXJ2680-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0014	
n-Propylbenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	
Styrene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1,2-Tetrachloroethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2,2-Tetrachloroethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0011	
Tetrachloroethene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	
Toluene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0012	
1,2,3-Trichlorobenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0021	
1,2,4-Trichlorobenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0020	
1,1,1-Trichloroethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2-Trichloroethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.00077	
Trichloroethene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0011	
Trichlorofluoromethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0011	
1,2,3-Trichloropropane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0016	
1,1,2-Trichloro-1,2,2-trifluoroethane	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	
1,2,4-Trimethylbenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0013	
1,3,5-Trimethylbenzene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0015	
Vinyl chloride	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0016	
Total Xylenes	BXJ2680-BLK1	ND	mg/kg	0.010	0.0034	
p- & m-Xylenes	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	BXJ2680-BLK1	ND	mg/kg	0.0050	0.0012	
1,2-Dichloroethane-d4 (Surrogate)	BXJ2680-BLK1	95.4	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BXJ2680-BLK1	96.0	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BXJ2680-BLK1	88.7	%	74 - 121 (LCL - UCL)		

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Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BXJ2401										
Benzene	BXJ2401-BS1	LCS	22.371	25.000	ug/L	89.5		70 - 130		
Bromodichloromethane	BXJ2401-BS1	LCS	21.922	25.000	ug/L	87.7		70 - 130		
Chlorobenzene	BXJ2401-BS1	LCS	27.205	25.000	ug/L	109		70 - 130		
Chloroethane	BXJ2401-BS1	LCS	19.013	25.000	ug/L	76.1		70 - 130		
1,4-Dichlorobenzene	BXJ2401-BS1	LCS	27.877	25.000	ug/L	112		70 - 130		
1,1-Dichloroethane	BXJ2401-BS1	LCS	21.483	25.000	ug/L	85.9		70 - 130		
1,1-Dichloroethene	BXJ2401-BS1	LCS	20.680	25.000	ug/L	82.7		70 - 130		
Toluene	BXJ2401-BS1	LCS	23.145	25.000	ug/L	92.6		70 - 130		
Trichloroethene	BXJ2401-BS1	LCS	22.849	25.000	ug/L	91.4		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BXJ2401-BS1	LCS	9.3300	10.000	ug/L	93.3		75 - 125		
Toluene-d8 (Surrogate)	BXJ2401-BS1	LCS	9.7900	10.000	ug/L	97.9		80 - 120		
4-Bromofluorobenzene (Surrogate)	BXJ2401-BS1	LCS	9.9700	10.000	ug/L	99.7		80 - 120		
QC Batch ID: BXJ2680										
Benzene	BXJ2680-BS1	LCS	0.12265	0.12500	mg/kg	98.1		70 - 130		
Bromodichloromethane	BXJ2680-BS1	LCS	0.11174	0.12500	mg/kg	89.4		70 - 130		
Chlorobenzene	BXJ2680-BS1	LCS	0.12725	0.12500	mg/kg	102		70 - 130		
Chloroethane	BXJ2680-BS1	LCS	0.10350	0.12500	mg/kg	82.8		70 - 130		
1,4-Dichlorobenzene	BXJ2680-BS1	LCS	0.11933	0.12500	mg/kg	95.5		70 - 130		
1,1-Dichloroethane	BXJ2680-BS1	LCS	0.11684	0.12500	mg/kg	93.5		70 - 130		
1,1-Dichloroethene	BXJ2680-BS1	LCS	0.12220	0.12500	mg/kg	97.8		70 - 130		
Toluene	BXJ2680-BS1	LCS	0.11440	0.12500	mg/kg	91.5		70 - 130		
Trichloroethene	BXJ2680-BS1	LCS	0.11319	0.12500	mg/kg	90.6		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BXJ2680-BS1	LCS	0.047310	0.050000	mg/kg	94.6		70 - 121		
Toluene-d8 (Surrogate)	BXJ2680-BS1	LCS	0.048420	0.050000	mg/kg	96.8		81 - 117		
4-Bromofluorobenzene (Surrogate)	BXJ2680-BS1	LCS	0.046400	0.050000	mg/kg	92.8		74 - 121		

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Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab Quals
								Percent Recovery	Percent Recovery	
QC Batch ID: BXJ2401		Used client sample: N								
Benzene	MS	1425343-02	ND	21.961	25.000	ug/L		87.8		70 - 130
	MSD	1425343-02	ND	21.693	25.000	ug/L	1.2	86.8	20	70 - 130
Bromodichloromethane	MS	1425343-02	ND	21.700	25.000	ug/L		86.8		70 - 130
	MSD	1425343-02	ND	21.514	25.000	ug/L	0.9	86.1	20	70 - 130
Chlorobenzene	MS	1425343-02	ND	26.340	25.000	ug/L		105		70 - 130
	MSD	1425343-02	ND	26.436	25.000	ug/L	0.4	106	20	70 - 130
Chloroethane	MS	1425343-02	ND	18.960	25.000	ug/L		75.8		70 - 130
	MSD	1425343-02	ND	18.403	25.000	ug/L	3.0	73.6	20	70 - 130
1,4-Dichlorobenzene	MS	1425343-02	ND	27.081	25.000	ug/L		108		70 - 130
	MSD	1425343-02	ND	27.092	25.000	ug/L	0.0	108	20	70 - 130
1,1-Dichloroethane	MS	1425343-02	ND	20.886	25.000	ug/L		83.5		70 - 130
	MSD	1425343-02	ND	20.761	25.000	ug/L	0.6	83.0	20	70 - 130
1,1-Dichloroethene	MS	1425343-02	ND	20.392	25.000	ug/L		81.6		70 - 130
	MSD	1425343-02	ND	20.160	25.000	ug/L	1.1	80.6	20	70 - 130
Toluene	MS	1425343-02	ND	22.685	25.000	ug/L		90.7		70 - 130
	MSD	1425343-02	ND	22.438	25.000	ug/L	1.1	89.8	20	70 - 130
Trichloroethene	MS	1425343-02	ND	22.895	25.000	ug/L		91.6		70 - 130
	MSD	1425343-02	ND	22.112	25.000	ug/L	3.5	88.4	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	MS	1425343-02	ND	9.3700	10.000	ug/L		93.7		75 - 125
	MSD	1425343-02	ND	9.4200	10.000	ug/L	0.5	94.2		75 - 125
Toluene-d8 (Surrogate)	MS	1425343-02	ND	9.8200	10.000	ug/L		98.2		80 - 120
	MSD	1425343-02	ND	9.5800	10.000	ug/L	2.5	95.8		80 - 120
4-Bromofluorobenzene (Surrogate)	MS	1425343-02	ND	9.8500	10.000	ug/L		98.5		80 - 120
	MSD	1425343-02	ND	10.110	10.000	ug/L	2.6	101		80 - 120

QC Batch ID: BXJ2680		Used client sample: N								
Benzene	MS	1425343-09	ND	0.12665	0.12500	mg/kg		101		70 - 130
	MSD	1425343-09	ND	0.12464	0.12500	mg/kg	1.6	99.7	20	70 - 130
Bromodichloromethane	MS	1425343-09	ND	0.11200	0.12500	mg/kg		89.6		70 - 130
	MSD	1425343-09	ND	0.11230	0.12500	mg/kg	0.3	89.8	20	70 - 130
Chlorobenzene	MS	1425343-09	ND	0.12745	0.12500	mg/kg		102		70 - 130
	MSD	1425343-09	ND	0.12712	0.12500	mg/kg	0.3	102	20	70 - 130
Chloroethane	MS	1425343-09	ND	0.11080	0.12500	mg/kg		88.6		70 - 130
	MSD	1425343-09	ND	0.10229	0.12500	mg/kg	8.0	81.8	20	70 - 130
1,4-Dichlorobenzene	MS	1425343-09	ND	0.12231	0.12500	mg/kg		97.8		70 - 130
	MSD	1425343-09	ND	0.12095	0.12500	mg/kg	1.1	96.8	20	70 - 130
1,1-Dichloroethane	MS	1425343-09	ND	0.12159	0.12500	mg/kg		97.3		70 - 130
	MSD	1425343-09	ND	0.11820	0.12500	mg/kg	2.8	94.6	20	70 - 130

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery		Lab
								RPD	Percent Recovery	
QC Batch ID: BXJ2680										
Used client sample: N										
1,1-Dichloroethene	MS	1425343-09	ND	0.13181	0.12500	mg/kg		105		70 - 130
	MSD	1425343-09	ND	0.12801	0.12500	mg/kg	2.9	102	20	70 - 130
Toluene	MS	1425343-09	ND	0.12149	0.12500	mg/kg		97.2		70 - 130
	MSD	1425343-09	ND	0.11916	0.12500	mg/kg	1.9	95.3	20	70 - 130
Trichloroethene	MS	1425343-09	ND	0.11860	0.12500	mg/kg		94.9		70 - 130
	MSD	1425343-09	ND	0.11813	0.12500	mg/kg	0.4	94.5	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	MS	1425343-09	ND	0.047240	0.050000	mg/kg		94.5		70 - 121
	MSD	1425343-09	ND	0.046580	0.050000	mg/kg	1.4	93.2		70 - 121
Toluene-d8 (Surrogate)	MS	1425343-09	ND	0.048770	0.050000	mg/kg		97.5		81 - 117
	MSD	1425343-09	ND	0.047890	0.050000	mg/kg	1.8	95.8		81 - 117
4-Bromofluorobenzene (Surrogate)	MS	1425343-09	ND	0.046250	0.050000	mg/kg		92.5		74 - 121
	MSD	1425343-09	ND	0.046100	0.050000	mg/kg	0.3	92.2		74 - 121

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXJ2953						
Acenaphthene	BXJ2953-BLK1	ND	ug/L	2.0	0.24	
Acenaphthylene	BXJ2953-BLK1	ND	ug/L	2.0	0.28	
Aldrin	BXJ2953-BLK1	ND	ug/L	2.0	0.35	
Aniline	BXJ2953-BLK1	ND	ug/L	5.0	0.69	
Anthracene	BXJ2953-BLK1	ND	ug/L	2.0	0.30	
Benzidine	BXJ2953-BLK1	ND	ug/L	20	7.1	
Benzo[a]anthracene	BXJ2953-BLK1	ND	ug/L	2.0	0.38	
Benzo[b]fluoranthene	BXJ2953-BLK1	ND	ug/L	2.0	0.41	
Benzo[k]fluoranthene	BXJ2953-BLK1	ND	ug/L	2.0	0.31	
Benzo[a]pyrene	BXJ2953-BLK1	ND	ug/L	2.0	0.20	
Benzo[g,h,i]perylene	BXJ2953-BLK1	ND	ug/L	2.0	0.22	
Benzoic acid	BXJ2953-BLK1	ND	ug/L	10	5.8	
Benzyl alcohol	BXJ2953-BLK1	ND	ug/L	2.0	0.34	
Benzyl butyl phthalate	BXJ2953-BLK1	ND	ug/L	2.0	0.47	
alpha-BHC	BXJ2953-BLK1	ND	ug/L	2.0	0.27	
beta-BHC	BXJ2953-BLK1	ND	ug/L	2.0	0.27	
delta-BHC	BXJ2953-BLK1	ND	ug/L	2.0	0.30	
gamma-BHC (Lindane)	BXJ2953-BLK1	ND	ug/L	2.0	0.22	
bis(2-Chloroethoxy)methane	BXJ2953-BLK1	ND	ug/L	2.0	0.27	
bis(2-Chloroethyl) ether	BXJ2953-BLK1	ND	ug/L	2.0	0.68	
bis(2-Chloroisopropyl)ether	BXJ2953-BLK1	ND	ug/L	2.0	0.30	
bis(2-Ethylhexyl)phthalate	BXJ2953-BLK1	ND	ug/L	5.0	3.0	
4-Bromophenyl phenyl ether	BXJ2953-BLK1	ND	ug/L	2.0	0.23	
4-Chloroaniline	BXJ2953-BLK1	ND	ug/L	2.0	0.69	
2-Chloronaphthalene	BXJ2953-BLK1	ND	ug/L	2.0	0.34	
4-Chlorophenyl phenyl ether	BXJ2953-BLK1	ND	ug/L	2.0	0.23	
Chrysene	BXJ2953-BLK1	ND	ug/L	2.0	0.63	
4,4'-DDD	BXJ2953-BLK1	ND	ug/L	2.0	0.48	
4,4'-DDE	BXJ2953-BLK1	ND	ug/L	3.0	0.41	
4,4'-DDT	BXJ2953-BLK1	ND	ug/L	2.0	0.43	
Dibenzo[a,h]anthracene	BXJ2953-BLK1	ND	ug/L	3.0	0.26	
Dibenzofuran	BXJ2953-BLK1	ND	ug/L	2.0	0.21	
1,2-Dichlorobenzene	BXJ2953-BLK1	ND	ug/L	2.0	0.37	
1,3-Dichlorobenzene	BXJ2953-BLK1	ND	ug/L	2.0	0.35	

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXJ2953						
1,4-Dichlorobenzene	BXJ2953-BLK1	ND	ug/L	2.0	0.31	
3,3-Dichlorobenzidine	BXJ2953-BLK1	ND	ug/L	10	8.2	
Dieldrin	BXJ2953-BLK1	ND	ug/L	3.0	0.41	
Diethyl phthalate	BXJ2953-BLK1	ND	ug/L	2.0	0.33	
Dimethyl phthalate	BXJ2953-BLK1	ND	ug/L	2.0	0.39	
Di-n-butyl phthalate	BXJ2953-BLK1	ND	ug/L	2.0	0.39	
2,4-Dinitrotoluene	BXJ2953-BLK1	ND	ug/L	2.0	0.26	
2,6-Dinitrotoluene	BXJ2953-BLK1	ND	ug/L	2.0	0.41	
Di-n-octyl phthalate	BXJ2953-BLK1	ND	ug/L	2.0	0.46	
1,2-Diphenylhydrazine	BXJ2953-BLK1	ND	ug/L	2.0	0.34	
Endosulfan I	BXJ2953-BLK1	ND	ug/L	10	1.7	
Endosulfan II	BXJ2953-BLK1	ND	ug/L	10	1.2	
Endosulfan sulfate	BXJ2953-BLK1	ND	ug/L	3.0	0.58	
Endrin	BXJ2953-BLK1	ND	ug/L	2.0	1.1	
Endrin aldehyde	BXJ2953-BLK1	ND	ug/L	10	0.52	
Fluoranthene	BXJ2953-BLK1	ND	ug/L	2.0	0.20	
Fluorene	BXJ2953-BLK1	ND	ug/L	2.0	0.28	
Heptachlor	BXJ2953-BLK1	ND	ug/L	2.0	0.32	
Heptachlor epoxide	BXJ2953-BLK1	ND	ug/L	2.0	0.27	
Hexachlorobenzene	BXJ2953-BLK1	ND	ug/L	2.0	0.20	
Hexachlorobutadiene	BXJ2953-BLK1	ND	ug/L	2.0	0.24	
Hexachlorocyclopentadiene	BXJ2953-BLK1	ND	ug/L	2.0	0.30	
Hexachloroethane	BXJ2953-BLK1	ND	ug/L	2.0	0.32	
Indeno[1,2,3-cd]pyrene	BXJ2953-BLK1	ND	ug/L	2.0	0.26	
Isophorone	BXJ2953-BLK1	ND	ug/L	2.0	0.31	
2-Methylnaphthalene	BXJ2953-BLK1	ND	ug/L	2.0	0.28	
Naphthalene	BXJ2953-BLK1	ND	ug/L	2.0	0.21	
2-Naphthylamine	BXJ2953-BLK1	ND	ug/L	20	4.8	
2-Nitroaniline	BXJ2953-BLK1	ND	ug/L	2.0	0.33	
3-Nitroaniline	BXJ2953-BLK1	ND	ug/L	2.0	0.66	
4-Nitroaniline	BXJ2953-BLK1	ND	ug/L	5.0	0.87	
Nitrobenzene	BXJ2953-BLK1	ND	ug/L	2.0	0.26	
N-Nitrosodimethylamine	BXJ2953-BLK1	ND	ug/L	2.0	0.61	
N-Nitrosodi-N-propylamine	BXJ2953-BLK1	ND	ug/L	2.0	1.3	

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
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QC Batch ID: BXJ2953

N-Nitrosodiphenylamine	BXJ2953-BLK1	ND	ug/L	2.0	0.44	
Phenanthrene	BXJ2953-BLK1	ND	ug/L	2.0	0.20	
Pyrene	BXJ2953-BLK1	ND	ug/L	2.0	0.26	
1,2,4-Trichlorobenzene	BXJ2953-BLK1	ND	ug/L	2.0	0.27	
4-Chloro-3-methylphenol	BXJ2953-BLK1	ND	ug/L	5.0	0.40	
2-Chlorophenol	BXJ2953-BLK1	ND	ug/L	2.0	0.37	
2,4-Dichlorophenol	BXJ2953-BLK1	ND	ug/L	2.0	0.43	
2,4-Dimethylphenol	BXJ2953-BLK1	ND	ug/L	2.0	0.20	
4,6-Dinitro-2-methylphenol	BXJ2953-BLK1	ND	ug/L	10	0.34	
2,4-Dinitrophenol	BXJ2953-BLK1	ND	ug/L	10	0.20	
2-Methylphenol	BXJ2953-BLK1	ND	ug/L	2.0	1.0	
3- & 4-Methylphenol	BXJ2953-BLK1	ND	ug/L	2.0	1.6	
2-Nitrophenol	BXJ2953-BLK1	ND	ug/L	2.0	0.28	
4-Nitrophenol	BXJ2953-BLK1	ND	ug/L	2.0	0.73	
Pentachlorophenol	BXJ2953-BLK1	ND	ug/L	10	0.79	
Phenol	BXJ2953-BLK1	ND	ug/L	2.0	0.20	
2,4,5-Trichlorophenol	BXJ2953-BLK1	ND	ug/L	5.0	0.31	
2,4,6-Trichlorophenol	BXJ2953-BLK1	ND	ug/L	5.0	0.60	
2-Fluorophenol (Surrogate)	BXJ2953-BLK1	54.0	%	30 - 120 (LCL - UCL)		
Phenol-d5 (Surrogate)	BXJ2953-BLK1	45.9	%	12 - 110 (LCL - UCL)		
Nitrobenzene-d5 (Surrogate)	BXJ2953-BLK1	88.8	%	60 - 130 (LCL - UCL)		
2-Fluorobiphenyl (Surrogate)	BXJ2953-BLK1	73.6	%	55 - 125 (LCL - UCL)		
2,4,6-Tribromophenol (Surrogate)	BXJ2953-BLK1	91.6	%	40 - 150 (LCL - UCL)		
p-Terphenyl-d14 (Surrogate)	BXJ2953-BLK1	93.5	%	40 - 150 (LCL - UCL)		

QC Batch ID: BXK0043

Acenaphthene	BXK0043-BLK1	ND	mg/kg	0.10	0.018	
Acenaphthylene	BXK0043-BLK1	ND	mg/kg	0.10	0.019	
Aldrin	BXK0043-BLK1	ND	mg/kg	0.10	0.024	
Aniline	BXK0043-BLK1	ND	mg/kg	0.20	0.053	
Anthracene	BXK0043-BLK1	ND	mg/kg	0.10	0.018	
Benzidine	BXK0043-BLK1	ND	mg/kg	3.0	0.22	
Benzo[a]anthracene	BXK0043-BLK1	ND	mg/kg	0.10	0.012	
Benzo[b]fluoranthene	BXK0043-BLK1	ND	mg/kg	0.10	0.018	

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXK0043						
Benzo[k]fluoranthene	BXK0043-BLK1	ND	mg/kg	0.10	0.019	
Benzo[a]pyrene	BXK0043-BLK1	ND	mg/kg	0.10	0.015	
Benzo[g,h,i]perylene	BXK0043-BLK1	ND	mg/kg	0.10	0.056	
Benzoic acid	BXK0043-BLK1	ND	mg/kg	0.50	0.067	
Benzyl alcohol	BXK0043-BLK1	ND	mg/kg	0.10	0.018	
Benzyl butyl phthalate	BXK0043-BLK1	ND	mg/kg	0.10	0.021	
alpha-BHC	BXK0043-BLK1	ND	mg/kg	0.10	0.018	
beta-BHC	BXK0043-BLK1	ND	mg/kg	0.10	0.021	
delta-BHC	BXK0043-BLK1	ND	mg/kg	0.10	0.018	
gamma-BHC (Lindane)	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
bis(2-Chloroethoxy)methane	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
bis(2-Chloroethyl) ether	BXK0043-BLK1	ND	mg/kg	0.10	0.016	
bis(2-Chloroisopropyl)ether	BXK0043-BLK1	ND	mg/kg	0.10	0.021	
bis(2-Ethylhexyl)phthalate	BXK0043-BLK1	ND	mg/kg	0.20	0.043	
4-Bromophenyl phenyl ether	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
4-Chloroaniline	BXK0043-BLK1	ND	mg/kg	0.10	0.027	
2-Chloronaphthalene	BXK0043-BLK1	ND	mg/kg	0.10	0.020	
4-Chlorophenyl phenyl ether	BXK0043-BLK1	ND	mg/kg	0.10	0.015	
Chrysene	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
4,4'-DDD	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
4,4'-DDE	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
4,4'-DDT	BXK0043-BLK1	ND	mg/kg	0.10	0.019	
Dibenzo[a,h]anthracene	BXK0043-BLK1	ND	mg/kg	0.10	0.019	
Dibenzofuran	BXK0043-BLK1	ND	mg/kg	0.10	0.020	
1,2-Dichlorobenzene	BXK0043-BLK1	ND	mg/kg	0.10	0.020	
1,3-Dichlorobenzene	BXK0043-BLK1	ND	mg/kg	0.10	0.021	
1,4-Dichlorobenzene	BXK0043-BLK1	ND	mg/kg	0.10	0.019	
3,3-Dichlorobenzidine	BXK0043-BLK1	ND	mg/kg	0.20	0.0067	
Dieldrin	BXK0043-BLK1	ND	mg/kg	0.10	0.031	
Diethyl phthalate	BXK0043-BLK1	ND	mg/kg	0.10	0.019	
Dimethyl phthalate	BXK0043-BLK1	ND	mg/kg	0.10	0.020	
Di-n-butyl phthalate	BXK0043-BLK1	ND	mg/kg	0.10	0.018	
2,4-Dinitrotoluene	BXK0043-BLK1	ND	mg/kg	0.10	0.022	
2,6-Dinitrotoluene	BXK0043-BLK1	ND	mg/kg	0.10	0.018	

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXK0043						
Di-n-octyl phthalate	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
1,2-Diphenylhydrazine	BXK0043-BLK1	ND	mg/kg	0.10	0.019	
Endosulfan I	BXK0043-BLK1	ND	mg/kg	0.20	0.020	
Endosulfan II	BXK0043-BLK1	ND	mg/kg	0.20	0.021	
Endosulfan sulfate	BXK0043-BLK1	ND	mg/kg	0.10	0.021	
Endrin	BXK0043-BLK1	ND	mg/kg	0.20	0.025	
Endrin aldehyde	BXK0043-BLK1	ND	mg/kg	0.50	0.022	
Fluoranthene	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
Fluorene	BXK0043-BLK1	ND	mg/kg	0.10	0.019	
Heptachlor	BXK0043-BLK1	ND	mg/kg	0.10	0.021	
Heptachlor epoxide	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
Hexachlorobenzene	BXK0043-BLK1	ND	mg/kg	0.10	0.016	
Hexachlorobutadiene	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
Hexachlorocyclopentadiene	BXK0043-BLK1	ND	mg/kg	0.10	0.019	
Hexachloroethane	BXK0043-BLK1	ND	mg/kg	0.10	0.020	
Indeno[1,2,3-cd]pyrene	BXK0043-BLK1	ND	mg/kg	0.10	0.072	
Isophorone	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
2-Methylnaphthalene	BXK0043-BLK1	ND	mg/kg	0.10	0.018	
Naphthalene	BXK0043-BLK1	ND	mg/kg	0.10	0.018	
2-Naphthylamine	BXK0043-BLK1	ND	mg/kg	3.0	0.16	
2-Nitroaniline	BXK0043-BLK1	ND	mg/kg	0.10	0.018	
3-Nitroaniline	BXK0043-BLK1	ND	mg/kg	0.20	0.015	
4-Nitroaniline	BXK0043-BLK1	ND	mg/kg	0.20	0.025	
Nitrobenzene	BXK0043-BLK1	ND	mg/kg	0.10	0.015	
N-Nitrosodimethylamine	BXK0043-BLK1	ND	mg/kg	0.10	0.037	
N-Nitrosodi-N-propylamine	BXK0043-BLK1	ND	mg/kg	0.10	0.021	
N-Nitrosodiphenylamine	BXK0043-BLK1	ND	mg/kg	0.10	0.021	
Phenanthrene	BXK0043-BLK1	ND	mg/kg	0.10	0.018	
Pyrene	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
1,2,4-Trichlorobenzene	BXK0043-BLK1	ND	mg/kg	0.10	0.018	
4-Chloro-3-methylphenol	BXK0043-BLK1	ND	mg/kg	0.20	0.022	
2-Chlorophenol	BXK0043-BLK1	ND	mg/kg	0.10	0.016	
2,4-Dichlorophenol	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
2,4-Dimethylphenol	BXK0043-BLK1	ND	mg/kg	0.10	0.035	

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXK0043						
4,6-Dinitro-2-methylphenol	BXK0043-BLK1	ND	mg/kg	0.50	0.012	
2,4-Dinitrophenol	BXK0043-BLK1	ND	mg/kg	0.50	0.0077	
2-Methylphenol	BXK0043-BLK1	ND	mg/kg	0.10	0.017	
3- & 4-Methylphenol	BXK0043-BLK1	ND	mg/kg	0.20	0.033	
2-Nitrophenol	BXK0043-BLK1	ND	mg/kg	0.10	0.016	
4-Nitrophenol	BXK0043-BLK1	ND	mg/kg	0.20	0.018	
Pentachlorophenol	BXK0043-BLK1	ND	mg/kg	0.20	0.013	
Phenol	BXK0043-BLK1	ND	mg/kg	0.10	0.016	
2,4,5-Trichlorophenol	BXK0043-BLK1	ND	mg/kg	0.20	0.018	
2,4,6-Trichlorophenol	BXK0043-BLK1	ND	mg/kg	0.20	0.017	
2-Fluorophenol (Surrogate)	BXK0043-BLK1	87.4	%	28 - 144 (LCL - UCL)		
Phenol-d5 (Surrogate)	BXK0043-BLK1	104	%	36 - 136 (LCL - UCL)		
Nitrobenzene-d5 (Surrogate)	BXK0043-BLK1	99.5	%	31 - 135 (LCL - UCL)		
2-Fluorobiphenyl (Surrogate)	BXK0043-BLK1	97.8	%	20 - 140 (LCL - UCL)		
2,4,6-Tribromophenol (Surrogate)	BXK0043-BLK1	67.4	%	20 - 150 (LCL - UCL)		
p-Terphenyl-d14 (Surrogate)	BXK0043-BLK1	91.9	%	30 - 150 (LCL - UCL)		

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BXJ2953										
Acenaphthene	BXJ2953-BS1	LCS	40.927	50.000	ug/L	81.9		50 - 120		
1,4-Dichlorobenzene	BXJ2953-BS1	LCS	42.461	50.000	ug/L	84.9		50 - 120		
2,4-Dinitrotoluene	BXJ2953-BS1	LCS	48.639	50.000	ug/L	97.3		50 - 120		
Hexachlorobenzene	BXJ2953-BS1	LCS	37.363	50.000	ug/L	74.7		60 - 120		
Hexachlorobutadiene	BXJ2953-BS1	LCS	26.463	50.000	ug/L	52.9		40 - 110		
Hexachloroethane	BXJ2953-BS1	LCS	37.066	50.000	ug/L	74.1		40 - 120		
Nitrobenzene	BXJ2953-BS1	LCS	36.759	50.000	ug/L	73.5		50 - 120		
N-Nitrosodi-N-propylamine	BXJ2953-BS1	LCS	39.748	50.000	ug/L	79.5		50 - 120		
Pyrene	BXJ2953-BS1	LCS	56.559	50.000	ug/L	113		40 - 140		
1,2,4-Trichlorobenzene	BXJ2953-BS1	LCS	34.214	50.000	ug/L	68.4		45 - 120		
4-Chloro-3-methylphenol	BXJ2953-BS1	LCS	48.094	50.000	ug/L	96.2		50 - 120		
2-Chlorophenol	BXJ2953-BS1	LCS	37.145	50.000	ug/L	74.3		50 - 120		
2-Methylphenol	BXJ2953-BS1	LCS	40.016	50.000	ug/L	80.0		40 - 110		
3- & 4-Methylphenol	BXJ2953-BS1	LCS	70.686	100.00	ug/L	70.7		40 - 110		
4-Nitrophenol	BXJ2953-BS1	LCS	26.542	50.000	ug/L	53.1		10 - 110		
Pentachlorophenol	BXJ2953-BS1	LCS	41.283	50.000	ug/L	82.6		30 - 120		
Phenol	BXJ2953-BS1	LCS	20.493	50.000	ug/L	41.0		20 - 110		
2,4,6-Trichlorophenol	BXJ2953-BS1	LCS	44.867	50.000	ug/L	89.7		54 - 120		
2-Fluorophenol (Surrogate)	BXJ2953-BS1	LCS	43.065	80.000	ug/L	53.8		30 - 120		
Phenol-d5 (Surrogate)	BXJ2953-BS1	LCS	36.006	80.000	ug/L	45.0		12 - 110		
Nitrobenzene-d5 (Surrogate)	BXJ2953-BS1	LCS	64.231	80.000	ug/L	80.3		60 - 130		
2-Fluorobiphenyl (Surrogate)	BXJ2953-BS1	LCS	58.905	80.000	ug/L	73.6		55 - 125		
2,4,6-Tribromophenol (Surrogate)	BXJ2953-BS1	LCS	75.616	80.000	ug/L	94.5		40 - 150		
p-Terphenyl-d14 (Surrogate)	BXJ2953-BS1	LCS	34.818	40.000	ug/L	87.0		40 - 150		
QC Batch ID: BXK0043										
Acenaphthene	BXK0043-BS1	LCS	1.5199	1.6722	mg/kg	90.9		50 - 140		
1,4-Dichlorobenzene	BXK0043-BS1	LCS	1.3427	1.6722	mg/kg	80.3		40 - 140		
2,4-Dinitrotoluene	BXK0043-BS1	LCS	1.8173	1.6722	mg/kg	109		40 - 140		
Hexachlorobenzene	BXK0043-BS1	LCS	1.2300	1.6722	mg/kg	73.6		46 - 140		
Hexachlorobutadiene	BXK0043-BS1	LCS	1.3215	1.6722	mg/kg	79.0		40 - 120		
Hexachloroethane	BXK0043-BS1	LCS	1.4400	1.6722	mg/kg	86.1		40 - 120		
Nitrobenzene	BXK0043-BS1	LCS	1.3726	1.6722	mg/kg	82.1		40 - 130		
N-Nitrosodi-N-propylamine	BXK0043-BS1	LCS	1.4692	1.6722	mg/kg	87.9		40 - 120		

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BXK0043										
Pyrene	BXK0043-BS1	LCS	1.4162	1.6722	mg/kg	84.7		40 - 150		
1,2,4-Trichlorobenzene	BXK0043-BS1	LCS	1.3883	1.6722	mg/kg	83.0		40 - 140		
4-Chloro-3-methylphenol	BXK0043-BS1	LCS	1.6516	1.6722	mg/kg	98.8		40 - 130		
2-Chlorophenol	BXK0043-BS1	LCS	1.4740	1.6722	mg/kg	88.1		40 - 130		
2-Methylphenol	BXK0043-BS1	LCS	1.6121	1.6722	mg/kg	96.4		40 - 140		
3- & 4-Methylphenol	BXK0043-BS1	LCS	3.0068	3.3445	mg/kg	89.9		40 - 120		
4-Nitrophenol	BXK0043-BS1	LCS	1.7819	1.6722	mg/kg	107		20 - 120		
Pentachlorophenol	BXK0043-BS1	LCS	0.88969	1.6722	mg/kg	53.2		20 - 130		
Phenol	BXK0043-BS1	LCS	1.5851	1.6722	mg/kg	94.8		40 - 120		
2,4,6-Trichlorophenol	BXK0043-BS1	LCS	1.5100	1.6722	mg/kg	90.3		44 - 130		
2-Fluorophenol (Surrogate)	BXK0043-BS1	LCS	2.2488	2.6756	mg/kg	84.0		28 - 144		
Phenol-d5 (Surrogate)	BXK0043-BS1	LCS	2.4915	2.6756	mg/kg	93.1		36 - 136		
Nitrobenzene-d5 (Surrogate)	BXK0043-BS1	LCS	2.3351	2.6756	mg/kg	87.3		31 - 135		
2-Fluorobiphenyl (Surrogate)	BXK0043-BS1	LCS	2.5628	2.6756	mg/kg	95.8		20 - 140		
2,4,6-Tribromophenol (Surrogate)	BXK0043-BS1	LCS	2.0581	2.6756	mg/kg	76.9		20 - 150		
p-Terphenyl-d14 (Surrogate)	BXK0043-BS1	LCS	1.1392	1.3378	mg/kg	85.2		30 - 150		

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101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Source Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Percent Recovery, Lab Qualls. Includes a QC Batch ID: BXJ2953 and a list of various chemical compounds with their respective test results.

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Percent Recovery, Lab Quails. Includes QC Batch ID: BXJ2953 and QC Batch ID: BXK0043.

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Control Limits Percent Recovery, Lab Quals. Includes QC Batch ID: BXK0043 and Used client sample: N.

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXJ2761						
TPH - Gasoline	BXJ2761-BLK1	ND	ug/L	500	200	
TPH - Diesel (FFP)	BXJ2761-BLK1	ND	ug/L	200	34	
TPH - Motor Oil	BXJ2761-BLK1	ND	ug/L	500	66	
Tetracosane (Surrogate)	BXJ2761-BLK1	82.6	%	37 - 134 (LCL - UCL)		
QC Batch ID: BXJ2865						
TPH - Gasoline	BXJ2865-BLK1	ND	mg/kg	20	5.0	
TPH - Diesel (FFP)	BXJ2865-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	BXJ2865-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	BXJ2865-BLK1	79.5	%	20 - 145 (LCL - UCL)		

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BXJ2761										
TPH - Diesel (FFP)	BXJ2761-BS1	LCS	1932.5	2500.0	ug/L	77.3		52 - 128		
Tetracosane (Surrogate)	BXJ2761-BS1	LCS	86.705	100.00	ug/L	86.7		37 - 134		
QC Batch ID: BXJ2865										
TPH - Diesel (FFP)	BXJ2865-BS1	LCS	68.851	83.893	mg/kg	82.1		64 - 124		
Tetracosane (Surrogate)	BXJ2865-BS1	LCS	2.7790	3.3557	mg/kg	82.8		20 - 145		

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent		Lab Quals
								Recovery	RPD	
QC Batch ID: BXJ2761		Used client sample: N								
TPH - Diesel (FFP)	MS	1425343-07	ND	1952.1	2500.0	ug/L		78.1		50 - 127
	MSD	1425343-07	ND	1782.3	2500.0	ug/L	9.1	71.3	24	50 - 127
Tetracosane (Surrogate)	MS	1425343-07	ND	86.985	100.00	ug/L		87.0		37 - 134
	MSD	1425343-07	ND	79.040	100.00	ug/L	9.6	79.0		37 - 134
QC Batch ID: BXJ2865		Used client sample: N								
TPH - Diesel (FFP)	MS	1408395-65	ND	68.501	83.333	mg/kg		82.2		52 - 131
	MSD	1408395-65	ND	60.604	83.612	mg/kg	12.2	72.5	30	52 - 131
Tetracosane (Surrogate)	MS	1408395-65	ND	2.7270	3.3333	mg/kg		81.8		20 - 145
	MSD	1408395-65	ND	2.5035	3.3445	mg/kg	8.5	74.9		20 - 145

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXJ2696						
Mercury	BXJ2696-BLK1	ND	mg/kg	0.16	0.036	
QC Batch ID: BXJ2822						
Antimony	BXJ2822-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	BXJ2822-BLK1	ND	mg/kg	1.0	0.40	
Barium	BXJ2822-BLK1	0.21109	mg/kg	0.50	0.18	J
Beryllium	BXJ2822-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	BXJ2822-BLK1	ND	mg/kg	0.50	0.052	
Chromium	BXJ2822-BLK1	ND	mg/kg	0.50	0.050	
Cobalt	BXJ2822-BLK1	ND	mg/kg	2.5	0.098	
Copper	BXJ2822-BLK1	ND	mg/kg	1.0	0.050	
Lead	BXJ2822-BLK1	ND	mg/kg	2.5	0.28	
Molybdenum	BXJ2822-BLK1	0.10816	mg/kg	2.5	0.050	J
Nickel	BXJ2822-BLK1	ND	mg/kg	0.50	0.15	
Selenium	BXJ2822-BLK3	ND	mg/kg	1.0	0.98	
Silver	BXJ2822-BLK1	ND	mg/kg	0.50	0.067	
Thallium	BXJ2822-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	BXJ2822-BLK1	ND	mg/kg	0.50	0.11	
Zinc	BXJ2822-BLK1	0.37299	mg/kg	2.5	0.087	J

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Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BXJ2696										
Mercury	BXJ2696-BS1	LCS	0.80288	0.80000	mg/kg	100		80 - 120		
QC Batch ID: BXJ2822										
Antimony	BXJ2822-BS1	LCS	97.010	100.00	mg/kg	97.0		75 - 125		
Arsenic	BXJ2822-BS1	LCS	10.101	10.000	mg/kg	101		75 - 125		
Barium	BXJ2822-BS1	LCS	102.45	100.00	mg/kg	102		75 - 125		
Beryllium	BXJ2822-BS1	LCS	10.147	10.000	mg/kg	101		75 - 125		
Cadmium	BXJ2822-BS1	LCS	9.9824	10.000	mg/kg	99.8		75 - 125		
Chromium	BXJ2822-BS1	LCS	105.32	100.00	mg/kg	105		75 - 125		
Cobalt	BXJ2822-BS1	LCS	105.33	100.00	mg/kg	105		75 - 125		
Copper	BXJ2822-BS1	LCS	102.40	100.00	mg/kg	102		75 - 125		
Lead	BXJ2822-BS1	LCS	103.94	100.00	mg/kg	104		75 - 125		
Molybdenum	BXJ2822-BS1	LCS	103.04	100.00	mg/kg	103		75 - 125		
Nickel	BXJ2822-BS1	LCS	106.85	100.00	mg/kg	107		75 - 125		
Selenium	BXJ2822-BS3	LCS	9.0208	10.000	mg/kg	90.2		75 - 125		
Silver	BXJ2822-BS1	LCS	9.8720	10.000	mg/kg	98.7		75 - 125		
Thallium	BXJ2822-BS1	LCS	103.71	100.00	mg/kg	104		75 - 125		
Vanadium	BXJ2822-BS1	LCS	102.29	100.00	mg/kg	102		75 - 125		
Zinc	BXJ2822-BS1	LCS	105.03	100.00	mg/kg	105		75 - 125		

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Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Source Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Percent Recovery, Lab Quals. Includes QC Batch IDs BXJ2696 and BXJ2822.

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Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	Percent Recovery	
QC Batch ID: BXJ2822		Used client sample: Y - Description: SB-2 (8'), 10/24/2014 09:15								
Selenium	DUP	1425371-14	5.4559	ND		mg/kg			20	
	MS	1425371-14	5.4559	14.947	9.9010	mg/kg		95.9		75 - 125
	MSD	1425371-14	5.4559	14.270	9.9010	mg/kg	4.6	89.0	20	75 - 125
Silver	DUP	1425371-14	ND	ND		mg/kg			20	
	MS	1425371-14	ND	8.4455	9.9010	mg/kg		85.3		75 - 125
	MSD	1425371-14	ND	8.5427	9.9010	mg/kg	1.1	86.3	20	75 - 125
Thallium	DUP	1425371-14	1.2499	ND		mg/kg			20	
	MS	1425371-14	1.2499	80.973	99.010	mg/kg		80.5		75 - 125
	MSD	1425371-14	1.2499	81.575	99.010	mg/kg	0.7	81.1	20	75 - 125
Vanadium	DUP	1425371-14	36.840	38.818		mg/kg	5.2		20	
	MS	1425371-14	36.840	124.97	99.010	mg/kg		89.0		75 - 125
	MSD	1425371-14	36.840	124.57	99.010	mg/kg	0.3	88.6	20	75 - 125
Zinc	DUP	1425371-14	44.691	45.203		mg/kg	1.1		20	
	MS	1425371-14	44.691	129.56	99.010	mg/kg		85.7		75 - 125
	MSD	1425371-14	44.691	130.03	99.010	mg/kg	0.4	86.2	20	75 - 125

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Metals Analysis

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
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QC Batch ID: BXJ2794

Total Mercury	BXJ2794-BLK1	ND	ug/L	0.20	0.033	
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QC Batch ID: BXJ2796

Total Antimony	BXJ2796-BLK1	ND	ug/L	100	8.5	
Total Arsenic	BXJ2796-BLK1	ND	ug/L	50	7.8	
Total Barium	BXJ2796-BLK1	ND	ug/L	10	3.5	
Total Beryllium	BXJ2796-BLK1	ND	ug/L	10	0.50	
Total Cadmium	BXJ2796-BLK1	ND	ug/L	10	1.1	
Total Chromium	BXJ2796-BLK1	ND	ug/L	10	1.1	
Total Cobalt	BXJ2796-BLK1	ND	ug/L	50	1.3	
Total Copper	BXJ2796-BLK1	ND	ug/L	10	1.1	
Total Lead	BXJ2796-BLK1	ND	ug/L	50	4.0	
Total Molybdenum	BXJ2796-BLK1	ND	ug/L	50	1.2	
Total Nickel	BXJ2796-BLK1	ND	ug/L	10	2.0	
Total Selenium	BXJ2796-BLK1	ND	ug/L	100	15	
Total Silver	BXJ2796-BLK1	ND	ug/L	10	1.9	
Total Thallium	BXJ2796-BLK1	ND	ug/L	100	24	
Total Vanadium	BXJ2796-BLK1	ND	ug/L	10	2.2	
Total Zinc	BXJ2796-BLK1	ND	ug/L	50	2.3	

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TRC Solutions
101 Second Street, Suite 300
San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Metals Analysis

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BXJ2794										
Total Mercury	BXJ2794-BS1	LCS	1.0750	1.0000	ug/L	108		85 - 115		
QC Batch ID: BXJ2796										
Total Antimony	BXJ2796-BS1	LCS	384.91	400.00	ug/L	96.2		85 - 115		
Total Arsenic	BXJ2796-BS1	LCS	199.68	200.00	ug/L	99.8		85 - 115		
Total Barium	BXJ2796-BS1	LCS	415.23	400.00	ug/L	104		85 - 115		
Total Beryllium	BXJ2796-BS1	LCS	208.30	200.00	ug/L	104		85 - 115		
Total Cadmium	BXJ2796-BS1	LCS	207.07	200.00	ug/L	104		85 - 115		
Total Chromium	BXJ2796-BS1	LCS	207.96	200.00	ug/L	104		85 - 115		
Total Cobalt	BXJ2796-BS1	LCS	211.16	200.00	ug/L	106		85 - 115		
Total Copper	BXJ2796-BS1	LCS	400.73	400.00	ug/L	100		85 - 115		
Total Lead	BXJ2796-BS1	LCS	429.61	400.00	ug/L	107		85 - 115		
Total Molybdenum	BXJ2796-BS1	LCS	204.98	200.00	ug/L	102		85 - 115		
Total Nickel	BXJ2796-BS1	LCS	426.34	400.00	ug/L	107		85 - 115		
Total Selenium	BXJ2796-BS1	LCS	203.06	200.00	ug/L	102		85 - 115		
Total Silver	BXJ2796-BS1	LCS	99.779	100.00	ug/L	99.8		85 - 115		
Total Thallium	BXJ2796-BS1	LCS	435.97	400.00	ug/L	109		85 - 115		
Total Vanadium	BXJ2796-BS1	LCS	205.14	200.00	ug/L	103		85 - 115		
Total Zinc	BXJ2796-BS1	LCS	556.68	500.00	ug/L	111		85 - 115		

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San Francisco, CA 94105

Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Metals Analysis

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Source Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Percent Recovery, Lab Quals. Includes sections for QC Batch ID: BXJ2794 and QC Batch ID: BXJ2796.

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Reported: 11/05/2014 15:20
Project: San Mateo Co. - Chestnut St.
Project Number: 218791
Project Manager: Justin Hanzel-Durbin

Metals Analysis

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BXJ2796		Used client sample: N								
Total Selenium	DUP	1424641-03	ND	ND		ug/L			20	
	MS	1424641-03	ND	1046.7	1000.0	ug/L		105		75 - 125
	MSD	1424641-03	ND	970.09	1000.0	ug/L	7.6	97.0	20	75 - 125
Total Silver	DUP	1424641-03	ND	ND		ug/L			20	
	MS	1424641-03	ND	489.89	500.00	ug/L		98.0		75 - 125
	MSD	1424641-03	ND	503.96	500.00	ug/L	2.8	101	20	75 - 125
Total Thallium	DUP	1424641-03	ND	ND		ug/L			20	
	MS	1424641-03	ND	2032.3	2000.0	ug/L		102		75 - 125
	MSD	1424641-03	ND	2179.9	2000.0	ug/L	7.0	109	20	75 - 125
Total Vanadium	DUP	1424641-03	212.33	195.36		ug/L	8.3		20	
	MS	1424641-03	212.33	1205.1	1000.0	ug/L		99.3		75 - 125
	MSD	1424641-03	212.33	1231.3	1000.0	ug/L	2.1	102	20	75 - 125
Total Zinc	DUP	1424641-03	317.92	296.60		ug/L	6.9		20	
	MS	1424641-03	317.92	2870.2	2500.0	ug/L		102		75 - 125
	MSD	1424641-03	317.92	2921.8	2500.0	ug/L	1.8	104	20	75 - 125

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Notes And Definitions

- J Estimated Value (CLP Flag)
- MDL Method Detection Limit
- ND Analyte Not Detected at or above the reporting limit
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference
- A01 PQL's and MDL's are raised due to sample dilution.
- A02 The difference between duplicate readings is less than the PQL.
- A10 PQL's and MDL's were raised due to matrix interference.
- A40 Initial calibration linearity criteria not met.
- A52 Chromatogram not typical of diesel.
- V01 The Initial Calibration Verification (ICV) recovery is not within established control limits.
- Z1 The samples were analyzed three times with matrix interference. Samples were usable on dilute analysis.

Appendix E

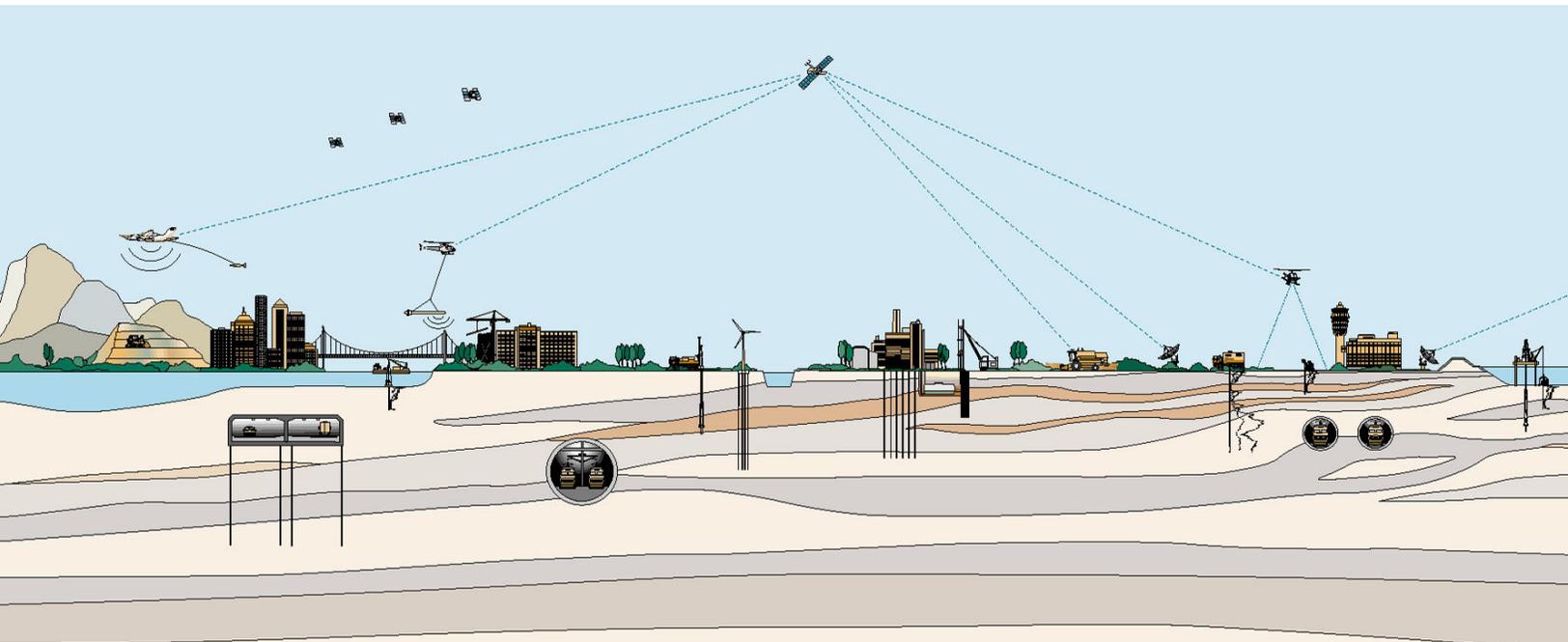
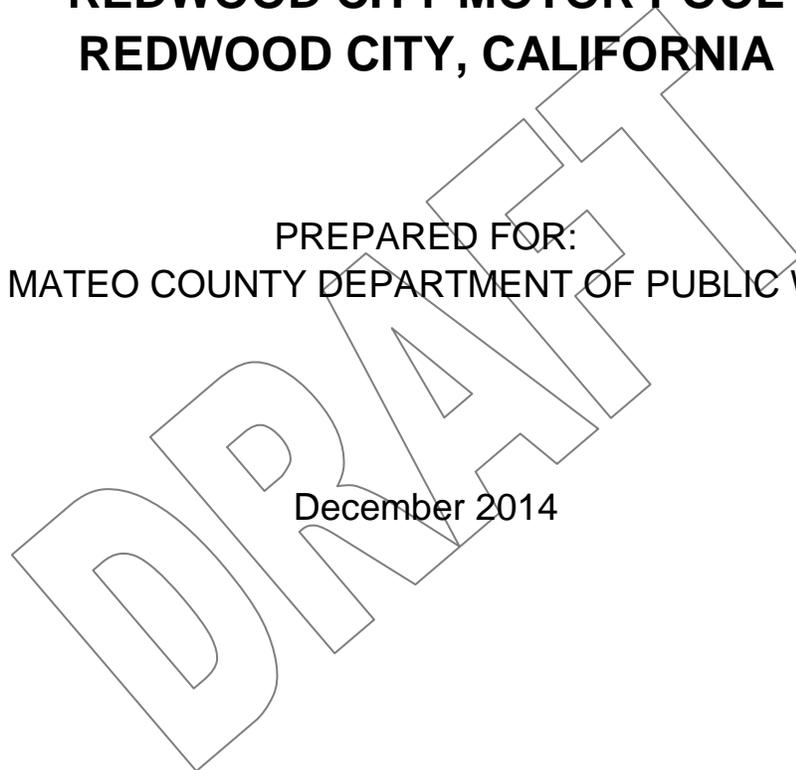
Geotechnical Investigation



**GEOTECHNICAL INVESTIGATION
REDWOOD CITY MOTOR POOL
REDWOOD CITY, CALIFORNIA**

PREPARED FOR:
SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS

December 2014





1000 Broadway, Suite 440
Oakland, California 94607
Tel: (510) 268-0461
Fax: (510) 268-0137

December 4, 2014
Project No. 04.72140058

San Mateo County, Department of Public Works
555 County Center, Fifth Floor
Redwood City, California 94063

Attention: Ms. Rebecca Dickinson, Construction Manager

Subject: Geotechnical Study, Proposed Redwood City Motor Pool (Relocation),
Redwood City, California

Dear Ms. Dickinson:

Fugro Consultants, Inc. is pleased to present this report providing the results of our geotechnical investigation for the proposed Redwood City Motor Pool (relocation) in Redwood City, California.

We thank you for the opportunity to be of service to the Public Works Department of the San Mateo County. If you should have any questions or require additional information on this report, please call the undersigned at (510) 267-4417.

Sincerely,
FUGRO CONSULTANTS, INC.

Matthew Bajuniemi
Project Engineer

Timothy Chi-To Wong, P.E., G.E.
Associate Engineer

MJB/CTW:mb

Copies Submitted: (1) Addressee



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1.0 INTRODUCTION

This report presents the results of a geotechnical investigation conducted by Fugro Consultants, Inc. (Fugro) for the San Mateo County Department of Public Works, Redwood City Motor Pool Project located at 752 Chestnut Street, Redwood City, California, as shown on the Vicinity Map, Plate 1. The project site is currently the County Corporation Yard. We understand the project is in its preliminary design and there will be a subsequent design phase. Therefore, some of our conclusions and recommendations presented in this report may not be applicable in the final design. Additional investigations and analyses are warranted.

1.1 PROJECT DESCRIPTION

The San Mateo County plans to relocate the existing Redwood City Motor Pool to a new location. The existing Motor Pool is located approximately 1 mile northwest of the new site. The project site is bounded by Chestnut Street to the west, Spring Street to the north, highway 84 to the east and residential areas to the south. The site is generally level at Elevation 14 feet (NAVD 88¹). It is currently occupied by a one-story steel framed structure with interior wood partition walls and concrete slab-on-grade. Part of the structure has a lofted area. No existing foundation information is available when preparing this report.

The proposed project includes demolition the existing structure, construction of a new prefabricated steel building with a plan dimension of approximately 260 by 35 feet; the motor pool will be included as part of the new structure along with other facilities/storage areas. The proposed new structure would encompass a similar building footprint as the existing structure, but the width of the building will be extended 9 to 10 feet. In addition, there will be new asphalt paving in the vicinity of the planned improvements, but the actual extents are not known during this preliminary study. Considering the proposed structure will be relatively light, shallow foundations are anticipated to support the building.

1.2 PURPOSE AND SCOPE OF WORK

The purpose of our work was to explore the subsurface conditions and provide preliminary recommendations for the geotechnical aspects of the project. The scope of services for our geotechnical investigation for the proposed improvements were presented in our proposals dated September 8, 2014. The scope of work of this investigation included a site reconnaissance, subsurface exploration, laboratory testing, geotechnical engineering analysis, and preparation of this report presenting our findings and recommendations.

¹¹ The datum in this report is referenced to 1988 North American Vertical Datum unless stated otherwise



2.0 FIELD EXPLORATION AND LABORATORY TESTING

2.1 FIELD EXPLORATION

Three exploratory borings were advanced to characterize the subsurface conditions at the proposed new motor pool site by Fugro's subcontractor, Exploration Geoservices, Inc. (EGI) of San Jose, California, on October 30, 2014, using a truck mounted drill rig equipped with 8-inch diameter hollow-stem augers. A Fugro engineer was on site to supervise the drilling and backfill operations. Our engineer also logged and visually classified the soils encountered during drilling in accordance with the Unified Soil Classification System. The samples were taken to our geotechnical laboratory in Oakland, California for further examination and testing.

The borings, designated as Borings B-01 through B-03, were advanced to depths of about 20 to 21 feet below ground surface (bgs). After the borehole was drilled to the specified depth, the sampler mounted on the drill rods was lowered to the bottom, seated, and driven into the soil with a hammer to retrieve a Modified California (MC) sample or a Standard Penetration Test (SPT) sample. The MC and SPT samplers were advanced using a 140-pound safety hammer with a free fall of 30 inches. The number of blows required to advance the sampler the last 12 inches was recorded as the penetration resistance (blows-per-foot).

After completion of the drilling and sampling, the borings were tremie backfilled with neat cement grout in accordance with San Mateo County regulations. Soil cuttings were collected in 55-gallon drums that were temporarily stored on site at a designated location. A composite sample was obtained from the drums for analytical testing and the results are pending when preparing this report. They will be disposed in accordance with the regulatory requirements once the analytical test results become available.

The approximate locations of the borings are shown on the Site Plan, Plate 2. Exploration locations were determined in the field with the aid of taping from adjacent landmarks. The locations should be considered accurate only to the degree implied by the methods used. Logs of exploratory borings as well as the details regarding the field investigation are included in Appendix A. The results of our laboratory test program are presented in Appendix B.

The surface and subsurface conditions encountered during our exploration and other site-specific geologic conditions are discussed below. It should be noted that changes in the surface and subsurface conditions of the site could occur over time as a result of either natural processes or human activity.

2.2 LABORATORY TESTING

Geotechnical laboratory testing was conducted on representative soil samples collected from the borings at Fugro's soil mechanics laboratory in Oakland, California. The geotechnical laboratory testing program included: gradation, Atterberg limits, water content, unit weight and R-value. The results of the laboratory tests are presented on the boring logs (Appendix A) at the appropriate sample depths, and in Appendix B.



In addition, one representative soil sample was collected for corrosion testing performed by CERCO Analytical, Inc. of Concord, California. Results of the corrosion testing are discussed in Section 5.4. The results of the soil corrosion tests are included in Appendix C.

3.0 GEOLOGIC SETTING

3.1 REGIONAL GEOLOGY

Geologic formations in the San Francisco Bay Region range in age from Jurassic to Recent. The Franciscan Complex is the oldest, and underlies younger surficial deposits throughout San Francisco. The Franciscan Complex consists mainly of marine-deposited sedimentary and volcanic rocks in close association with bodies of serpentinite. Following deposition, the Franciscan rocks were regionally uplifted and, in the process, extensively faulted and folded.

The Bay Area also experienced uplift and faulting in several episodes during late Tertiary time (about 25 to 2 million years ago). This produced a series of northwest-trending valleys and mountain ranges, including the Berkeley Hills, the San Francisco Peninsula, and the intervening San Francisco Bay. Uplifted areas were eroded and Pleistocene and recent marine sediments were deposited in the San Francisco Bay. Stream and marshland sediments were deposited in low-lying areas adjacent to the Bay.

3.2 REGIONAL SEISMICITY

The San Francisco Bay Area lies along an active system of faults forming the boundary between the North American and Pacific Plates. Earthquakes in the Bay Area have their origin in the release of strain energy by the sudden movement of a fault. Most of this relative motion between the two plates across the Bay Area is accommodated by slips that occur during earthquakes episodically on relatively few faults. Additionally, seismic creep along surface fault traces is also common.

Active faults are defined as having surface displacement within the Holocene time and potentially active faults are defined as showing evidence of movement within Quaternary time. The active or potentially active faults of most significance to the project are the San Andreas, Hayward and San Gregorio faults. The Hayward fault lies on the west side of the East Bay hills in the eastern Bay Area and runs in a northwesterly direction. The San Andreas fault is located immediately west of the project area. It is predicted that these faults could produce an earthquake with a maximum moment magnitude of 6.7 to 7.9.

Earthquakes on these or other active faults (including unmapped faults) could cause strong ground shaking at the site. Earthquake intensities vary throughout the Bay Area depending upon the magnitude of the earthquake, the distance of the site from the causative fault, the type of materials underlying the site, and other factors.

The approximate distances of the site to the six closest known mapped active faults, based on the Program FRISKSP by Thomas F. Blake (Blake, 2000), are summarized in

Table 1. The FRISKSP program was run using the 2002 California Geological Survey (CGS) fault model (Blake, 2002). The project site is not located within an Alquist-Priolo Earthquake Fault Zone requiring special studies.

Table 1. Regional Faults and Seismicity

Fault	Approximate Distance from Site (miles)	Direction from Site	Maximum Moment Magnitude
San Andreas	4	Southwest	7.9
Monte Vista	5	South	6.8
San Gregorio	13	Southwest	6.7
Hayward	14	Northeast	7.3
Calaveras	21	Northeast	6.9

4.0 SEISMIC AND GEOLOGIC HAZARDS

4.1 GENERAL

The primary seismic hazard at the site is the potential strong to very strong ground shaking due to a seismic event on one of the nearby faults. On the basis of the results of our geotechnical investigation and available subsurface information, we conclude the potential for other geologic hazards at the project site is low. These hazards and other geotechnical issues as they pertain to the proposed improvements are discussed in the following sections.

4.2 FAULT RUPTURE

As discussed above, the major active faults in the area are the San Andreas fault, Hayward and San Gregorio faults. Historically, ground surface ruptures closely follow the trace of geologically young faults. The project site is not within an Earthquake Fault Zone (Plate 3), as defined by the Alquist-Priolo Earthquake Fault Zoning Act of 1972 and no known active or potentially active faults exist on the site. Therefore, we conclude the risk of fault offset at the site from a known active fault is negligible.

4.3 STRONG GROUND SHAKING

During a major earthquake on a segment of one of the nearby faults, strong to very strong shaking is expected to occur at the project site. The intensity of the earthquake ground motion at the site will depend upon the characteristics of the generating fault, distance to the earthquake epicenter, magnitude and duration of the earthquake, and specific site geologic conditions. Strong shaking during an earthquake can result in ground failure such as that associated with soil liquefaction and lateral spreading.

4.4 LIQUEFACTION AND LATERAL SPREADING

Liquefaction is a phenomenon whereby soil deposits temporarily lose shear strength and collapse. This condition is caused by cyclic loading during earthquake shaking that generates high pore water pressures within the soil deposits. The soil type most susceptible to liquefaction is loose, cohesionless, granular soil below the water table and within about 50 feet of the ground surface. Liquefaction can result in a loss of foundation support and settlement of overlying structures, ground subsidence and translation due to lateral spreading, lurch cracking, and differential settlement of affected deposits. Lateral spreading occurs when a soil layer liquefies at depth and causes horizontal movement or displacement of the overlying mass on sloping ground or towards a free face such as a stream bank or excavation.

In addition, according to the CGS map, *State of California Seismic Hazard Zone, Palo Alto Quadrangle* (2006), the project site is located in a designated liquefaction hazard evaluation zone. According to the Association of Bay Area Governments (ABAG) liquefaction susceptibility interactive map found at <http://gis.abag.ca.gov/website/liq/viewer.htm> (ABAG 2013), the site is located in an area where the subsurface materials are considered to have a moderate susceptibility for liquefaction as shown in Plate 4.

The project site is generally underlain by cohesive materials below the ground water level which is about 10 feet bgs. In Boring B-1, there is a layer of medium dense clayey sand with gravel at a depth of about 19 feet bgs. We evaluated the liquefaction potential based on the Bray and Sancio (2006) procedures and the factor of safety against liquefaction is calculated to be about 1.0. Furthermore, considering this clayey sand layer is relatively thin (approximately 1.5 feet) and isolated (not encountered in Borings B-2 and B-3), and it is overlain by 19 feet of non-liquefiable material, we therefore judge the potential of liquefaction occurring at the site is low.

5.0 SITE CONDITIONS

5.1 SURFACE CONDITIONS

Surface elevation of the proposed new motor pool site is approximately 14 feet (NAVD 88). The ground surface is generally level and paved with asphalt concrete. Surface cracks of the asphalt in the vicinity of the building can be observed. The location of the proposed improvements is currently occupied by an existing steel frame structure which will be completely removed prior to construction.

5.2 SUBSURFACE CONDITIONS

Considering the boring locations and the existing building is very close, we assumed the soil condition is similar below the existing building. Additional investigations may be performed during future design phase to confirm the soil conditions beneath the existing building.



The soils encountered in Borings B-01, B-02, and B-03 generally consisted of about 4 to 7 feet thick, stiff to very stiff, highly plastic clay (with a plasticity index of 48). This layer is underlain by stiff to very stiff clayey materials mixed with varying amounts of sand to the maximum explored depth of 21½ feet. In Boring B-1, medium dense to very dense clayey sand with gravel was encountered at a depth of 19 feet to the maximum depth explored (21½ feet). The gravel is approximately ¼ inch to ½ inch.

Detailed descriptions of the soils encountered in each of the exploratory borings are presented on the logs of borings in Appendix A. The logs of borings and related information depict location-specific subsurface conditions encountered during our field investigation. The passage of time could result in changes in the subsurface conditions and the soil condition between borings may vary in type, strength and other important properties. The approximate locations of the borings were determined by taping from existing landmarks. The locations should be considered accurate only to the degree implied by the method used.

5.3 GROUNDWATER

Groundwater was encountered at a depth of approximately 13 to 15 feet at the time of drilling. The borings were backfilled with cement grout per the requirements of San Mateo County immediately upon completion of drilling, and thus the borings might not have been left open for a sufficient period of time to establish groundwater equilibrium conditions. In addition, fluctuations in the groundwater level could occur due to change in seasons, variations in rainfall, and other factors.

5.4 CORROSION EVALUATION

As discussed above, a soil sample from Boring B-03 at a depth of about 4.5 to 5 feet was tested for sulfate content, chloride content, redox potential, pH, and resistivity. The soil corrosivity test was performed by Cerco Analytical, Inc. of Concord, California in accordance with ASTM standards. Corrosion potential was estimated based on the nominal resistivity measurement (100 percent saturation), electrical conductivity, chloride ion concentration, sulfate ion concentration, soluble sulfide concentration, pH, and redox potential.

Based on the resistivity measurement, the samples are described as “corrosive” to buried metals. All buried iron, steel, cast iron, ductile iron, galvanized steel, and dielectric coated steel or iron should be properly protected against corrosion, depending on the critical nature of the structure. The detailed analyses and recommendations regarding protection to concrete, steel reinforcement, and metals are presented in Appendix C.

For specific long-term corrosion control design recommendations, including recommendations for design of cathodic protection systems, we recommend that a registered professional corrosion engineer evaluate the corrosion potential of the soil environment on buried concrete structures, steel pipe coated with cement-mortar, and ferrous metals.

6.0 GEOTECHNICAL ENGINEERING DISCUSSION AND CONCLUSIONS

We conclude that the proposed development is feasible from a geotechnical standpoint, provided that the conclusions and recommendations presented in this report are incorporated into the project design and specifications. The primary geotechnical concern for the project site is the presence of expansive soil.

6.1 EXPANSIVE SOILS

Based on the results of our exploration, the top 5 to 6 feet of surficial soil is highly expansive (PI = 48). These surficial clays could be subject to volume changes during seasonal fluctuations in moisture content which can cause cracking of foundations and floor slabs. Therefore, foundations and slabs should be designed and constructed to resist the effects of the expansive soil. These effects can be mitigated by moisture conditioning the expansive soil, providing a sufficient thickness of select, non-expansive fill below interior floor slabs. Alternatively, the subgrade soil can be lime treated to reduce expansion potential.

6.2 FOUNDATION AND SETTLEMENT

Based on the field investigation results, the native black clay is capable of support the proposed structure but the foundation will need to be deepened below the zone of severe moisture change. The foundation loads are not available when preparing this report but considering the proposed structure will be single story, the loads should be relatively light. We therefore conclude the proposed building can be supported on individual interior spread footings and continuous perimeter footings.

We estimate total settlement of shallow foundations with allowable bearing capacity presented in subsequent section will be on the order of 1-inch with differential settlement of about ½ inch between conventionally spaced columns (approximately 15 to 20 feet). However, the settlement should be verified when the building loads becomes available in future design phase.

6.3 CONSTRUCTION DURING WET WEATHER CONDITIONS

If construction proceeds during or shortly after wet weather conditions, the moisture content of the on-site soils could be appreciable above optimum. Consequently, subgrade preparation, placement and/or reworking of the on-site soil as structural fill might not be possible. Alternative wet weather construction recommendations can be provided by the geotechnical engineer in the field at the time of construction, if appropriate.

7.0 RECOMMENDATIONS

7.1 SEISMIC DESIGN CRITERIA

The proposed structure should be designed to resist the lateral forces generated by earthquake shaking in accordance the 2013 California Building Code (CBC). The site seismic design criteria were determined based on the site latitude and longitude using the public domain U.S. Seismic Design Maps, developed by the USGS. Based on the subsurface conditions encountered at the site and the "Site Class Definitions" per the 2013 CBC, Site Class D (Stiff Soil) should be assumed for design. Seismic design parameters are presented in Table 3.

Table 2. Seismic Design Parameters per 2013 California Building Code.

Parameter Description	Parameter	Value
Mapped MCE Spectral Acceleration Parameters (Site Class B)	S_s	1.652
	S_1	0.760
Site Coefficients	F_a	1.000
	F_v	1.500
MCE Spectral Acceleration Parameters	S_{MS}	1.652
	S_{M1}	1.140
Design Spectral Acceleration Parameters	S_{DS}	1.101
	S_{D1}	0.760

Site Coordinates: Latitude: 37.4835, Longitude: -122.2188

7.2 SITE PREPARATION AND EARTHWORK

7.2.1 Clearing and Site Preparation

All concrete and asphalt pavements and other existing structural elements within new improvement areas should be removed during site demolition. Where practical, existing utilities to be abandoned should be removed or relocated. If pipes are too deep to be removed economically, we recommend they be filled with cement and sand grout or equivalent material that will prevent future collapse of the pipe. Existing foundation elements should be removed within a distance of at least three feet beneath new foundation elements. Holes resulting from the removal of underground obstructions extending below the proposed finish grades should be cleared and backfilled with properly compacted fill as described in Section 7.2.4 *Fill Placement and Compaction*. If contaminated materials are encountered, they should be properly disposed of offsite.

7.2.2 Subgrade Preparation

Following stripping and excavation, the exposed native soils beneath the proposed pavements, and exterior slabs-on-grade should be scarified to a depth of 8 inches, moisture conditioned to slightly above optimum water content (1 to 2 percent), and compacted to the requirements presented in Section 7.2.4 Fill Placement and Compaction. Within the structure footprint, and beneath interior slabs-on-grade, the highly expansive soils of the finished grade should be excavated and replaced with select fill as recommended in Section 7.4 Concrete Slabs-On-Grade. The select fill should extend at least 5 feet beyond the building footprint unless the adjacent surfaces are paved.

In order to achieve satisfactory compaction in the subgrade and any fill materials, it may be necessary to adjust the water content at the time of construction. This may require that water be added to soils that are too dry, or that scarification and aeration be performed in any soils that are too wet.

The compacted subgrade should be firm and unyielding, and should be protected from damages caused by construction activities, traffic or weather.

7.2.3 Fill Materials

The onsite fill and native sand excavated during site grading should be suitable for reuse as fill or backfill provided it contains no debris, organic material, or rocks greater than three inches in greatest dimension.

The native sandy lean clay or clay with sand below the highly expansive black clays (approximately 5 to 6 bgs) may be used as general fill except below the slabs-on-grade and/or footings where import fill is required. Import fill, if needed, should consist of non-hazardous soil, free of organic matter, that contains no rocks or lumps larger than three inches in greatest dimension, has a liquid limit less than 40 and plasticity index less than 12, and should be approved by the geotechnical engineer.

7.2.4 Fill Placement and Compaction

Structural fill below the footings and slabs-on-grade should be compacted to at least 95 percent relative compaction as determined by ASTM D-1557. The fill materials should be spread and compacted in lifts not exceeding 8 inches in uncompacted thickness. Fill deeper than five feet, or containing less than 10 percent fines should be compacted to at least 95 percent relative compaction. The native sandy lean clay, if used as fill materials (non-structural), should be moisture-conditioned to slightly above optimum moisture content, and compacted to about 90 percent relative compaction.

7.2.5 Utilities and Trench Backfill

Utility trenches should be excavated a minimum of four inches below the bottom of pipes or conduits and have clearances of at least four inches on both sides. Where necessary,

trench excavations should be shored and braced to prevent cave-ins and in accordance with safety regulations. To provide uniform support, pipes or conduits should be bedded on a minimum of four inches of sand or fine gravel. After pipes and conduits are tested, inspected (if required), and approved, they should be covered with six inches of sand or fine gravel, which should then be mechanically tamped to at least 90 percent relative compaction.

Utility trenches should be backfilled with fill placed in lifts of approximately 8 inches in uncompacted thickness. If on-site soil is used as trench backfill, it should be compacted to at least 95 percent relative compaction by mechanical means only (no jetting shall be allowed). Imported sand can be used for trench backfill if it is compacted to at least 95 percent relative compaction, and sufficient water is added during backfilling operations to prevent the soil from "bulking" during compaction. Special care should be taken when backfilling utility trenches in pavement areas. Poor compaction may cause excessive settlements resulting in damage to the pavement section.

Where utility trenches backfilled with sand enter building pads, the trenches should be backfilled by an impermeable plug at the exterior wall foundation. The plugs can be composed of compacted clayey soil, compacted bentonite, or a bentonite-cement or sand-cement slurry mixture. The plugs should be at least 2 feet thick and should extend at least 2 feet beyond the edges and bottom of the trench to 'key in' the plug. The plug should also extend to within 1 foot of the lowest adjacent grade.

7.2.6 Surface Drainage

Positive surface gradients of at least 2 percent should be provided adjacent to the building to direct surface water away from foundations and slabs toward suitable discharge facilities. Ponding of surface water should not be allowed adjacent to the structure or on pavements. Runoff water from roof downspouts should be collected in solid pipes and directed well away from all foundation systems and toward suitable discharge or collection points.

7.3 FOUNDATIONS

The new prefabricated steel structure can be supported on conventional isolated and strip footings bearing on the stiff to very stiff fat clay or the sandy lean clay 3 feet below the lowest adjacent soil subgrade. The deepened footing is to reduce the potential for movement due to shrinking and swelling of the expansive clay. The footings may be designed for allowable pressures as shown in Table 3.

Footings located adjacent to other existing footings or utility trenches should bear below an imaginary 1.5:1 (horizontal: vertical) plane projected upward from the bottom edge of the adjacent footing or utility trench.



Table 3. Allowable Bearing Pressures for Spread Footings

Load Conditions	Allowable Bearing Pressure (psf)
Dead Load	2,000
Dead plus Live Loads	3,000
Total Loads (including wind or seismic)	4,000

Lateral loads on the mat can be resisted by a combination of passive resistance acting against the vertical faces of the mat and friction along the base of the footing. Frictional resistance can be calculated as 0.35 times the vertical dead load on the base of the footing. A passive resistance determined using an equivalent fluid pressure of 300 pounds per square foot per foot of depth (psf/ft.) acting against the vertical face of the foundations could be used. The upper foot should be ignored unless it is confined by a slab.

The footing subgrade should be free of standing water, debris, and disturbed materials prior to placing concrete. Any visible cracks in the bottoms of the foundation excavation should be closed by wetting prior to construction of the foundations. We recommend that the foundation excavation be observed by geotechnical engineer prior to placing reinforcing steel or concrete to confirm the subgrade condition.

7.4 CONCRETE SLABS-ON-GRADE

Due to the highly expansive nature of the surficial black clays, we recommend that for interior slabs-on-grade be supported on a minimum of 30 inches of non-expansive fill (Section 7.2.3) compacted to 95 percent relative compaction. Slab reinforcing should be provided in accordance with the anticipated use and loading of the slab. Alternatively, a structural slab (e.g. post-tensioned) can be designed according to 2013 California Building Code Section 1808A.6.2 to resist the expansive nature of the soil with a plasticity index of 48.

The final soil subgrade beneath the select fill and slabs-on-grade should be scarified to a depth of eight inches; moisture conditioned to slightly above optimum moisture content, and compacted to about 90 percent relative compaction. The subgrade surfaces should be proof-rolled to provide a smooth, unyielding surface for slab support. Soft, disturbed materials should be excavated and removed during final subgrade preparation.

In the area where it is important to minimize the migration of moisture through the slab, particularly where floor coverings will be used, a moisture barrier should be provided between the slab and subgrade. We recommend that the moisture barrier consist of 4 inches of free-draining gravel or crush rock, such as ¾-inch, clean uniformly graded gravel or equivalent overlain by a minimum 10-mil thick, impermeable membrane that is placed between the subgrade soil and the slab. The membrane should be covered with 2 inches of sand for protection during construction and for concrete curing purposes. The sand overlying the membrane should be dry at the time concrete is placed. Excess water trapped in the sand



could eventually be transmitted as vapor through the slab. If rain is forecast prior to pouring the slab, the sand should be covered with plastic sheeting to avoid wetting.

7.5 WINTERIZATION

If grading of the site is performed during the rainy season, lime treatment or placement of gravel fill may be required to provide a stable, workable subgrade for construction activities. Gravel fill is typically placed by overexcavating to a depth of 12 to 18 inches, placing a geotextile fabric, such as Mirafi 500x or equivalent at the bottom of the overexcavation and backfilling with a gravel material to stabilize it and bridge over the clayey soil. The gravel should consist of well-graded crushed rock or a free-draining aggregate base material.

7.6 FLEXIBLE PAVEMENT DESIGN

We expect the final soil subgrade in asphalt-paved areas will generally consist of compacted clay of high plasticity. California Department of Transportation (Caltrans) flexible pavement design method was used to develop the recommended flexible pavement sections. We assumed a Traffic Index (TI) of 4.5 to 6.5, the T.I. is representative of light traffic with occasional trucks. These Tis should be confirmed by the project civil engineer. For preliminary design purpose and based on the laboratory test results, an R-value of 7 was selected.

Table 4. Flexible Pavement Designs

Traffic Index (T.I.)	Flexible Pavement Section – R-value 7	
	AC Thickness (inches)	Class 2 AB (R =78) Thickness (inches)
4.5	3.0	7.5
5.5	4.0	9.5
6.5	5.0	11.0

The upper six inches of soil subgrade should be scarified to a depth of at least six inches, moisture-conditioned to slightly above the optimum moisture content, compacted to about 90 percent relative compaction where native expansive soil is exposed at subgrade level, and at least 95 percent if import fill is used. The subgrade should be rolled to provide a smooth non-yielding surface. The aggregate base (AB) should conform to Section 26 of Caltrans Standard Specifications and be compacted to at least 95 percent relative compaction.

8.0 LIMITATIONS

Our services consist of professional opinions, conclusions, and recommendations that are made in accordance with generally accepted geotechnical engineering principles and practices. This representation is in lieu of all other warranties, either expressed or implied.

We understand this geotechnical study is for conceptual design, should changes be made during final design, the recommendations presented in this report may need to be



updated and additional field investigations may be warranted. Variations may exist and conditions not observed or described in this report could be encountered during construction. Our conclusions and recommendations are based on the observed conditions. If conditions other than those described in this report are encountered, we should be notified so that additional recommendations, if warranted, can be provided.

This report has been prepared for the exclusive use of San Mateo County Department of Public Works and its consultants for specific application to the proposed Redwood City Motor Pool project, as described herein. In the event that there are any changes in the ownership, nature, design or location of the project, or if any future additions are planned, the conclusions and recommendations contained in this report should not be considered valid unless (1) the project changes are reviewed by Fugro Consultants, and (2) conclusions and recommendations presented in this report are modified or verified in writing. Reliance on this report by others (future design team) must be at their risk, unless we are consulted on its use or limitations. We cannot be responsible for the impacts of any changes in geotechnical standards, practices, or regulations subsequent to performance of our services without our further consultation. We can neither vouch for the accuracy of information supplied by others, nor accept consequences for unconsulted use of segregated portions of this report.

DRAFT

9.0 REFERENCES

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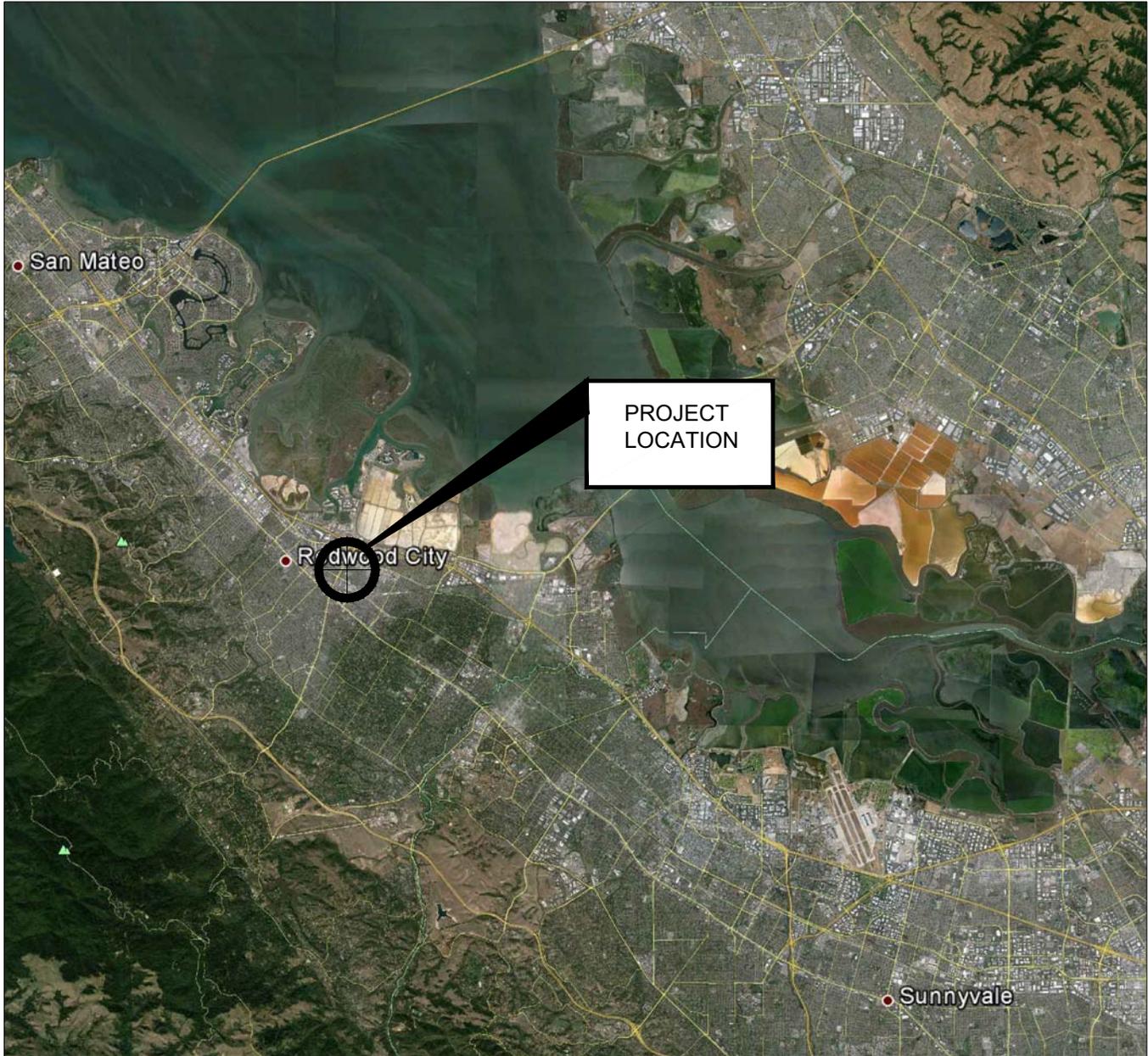
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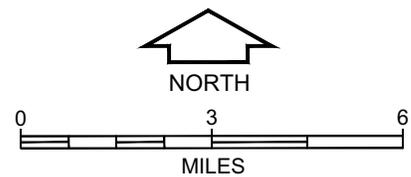
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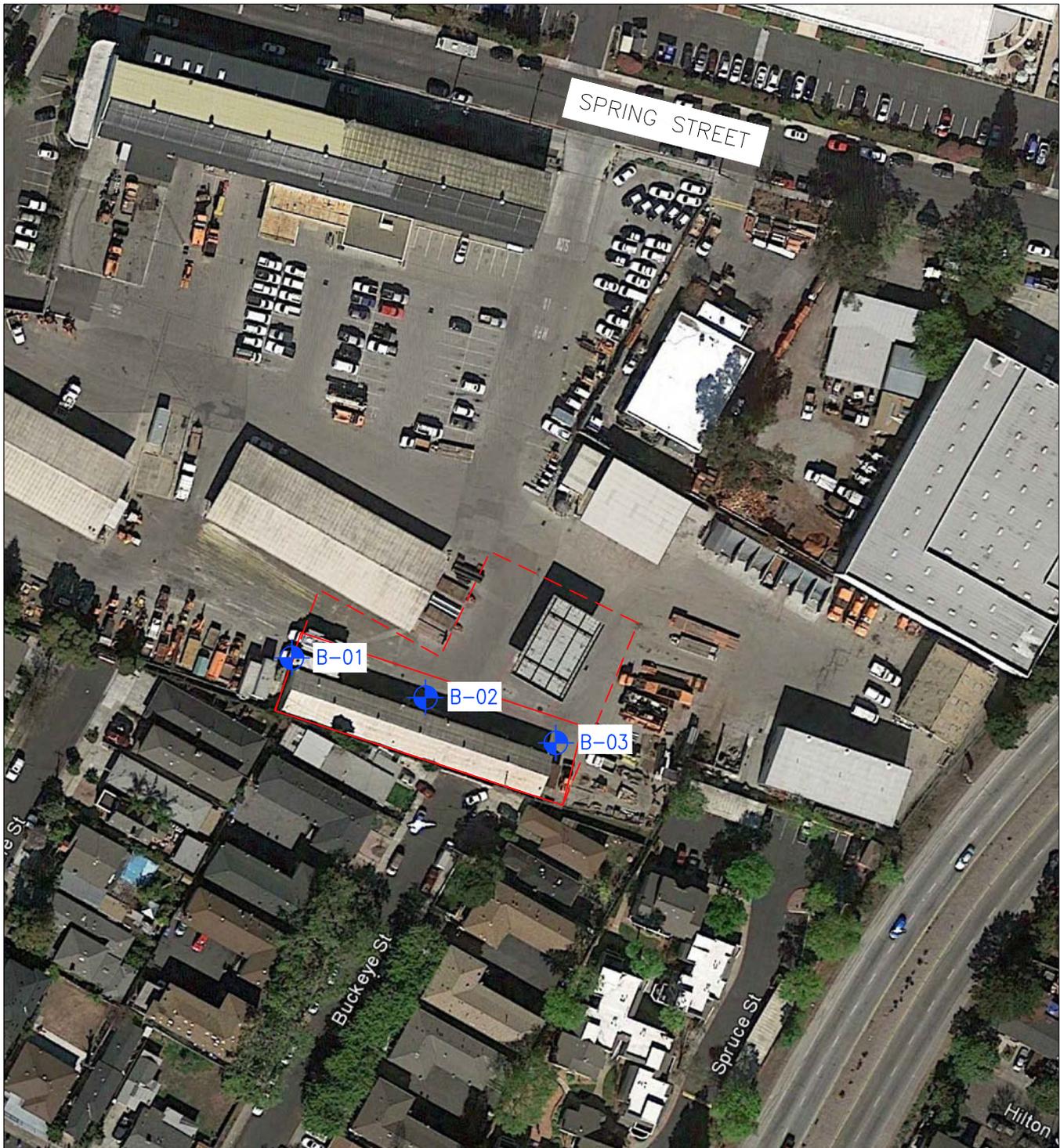
PLATES



BASE MAP SOURCE: Vicinity Map is based on an image downloaded from Google Earth Pro, dated 11/20/2014



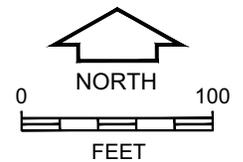
VICINITY MAP
Redwood City Motor Pool
Redwood City, California



BASE MAP SOURCE: Site Plan is based on an image downloaded from Google Earth Pro, dated 11/20/2014

LEGEND

-  B-03 Approximate Boring location
-  Approximate Study Area
-  Approximate location of Proposed New Structure

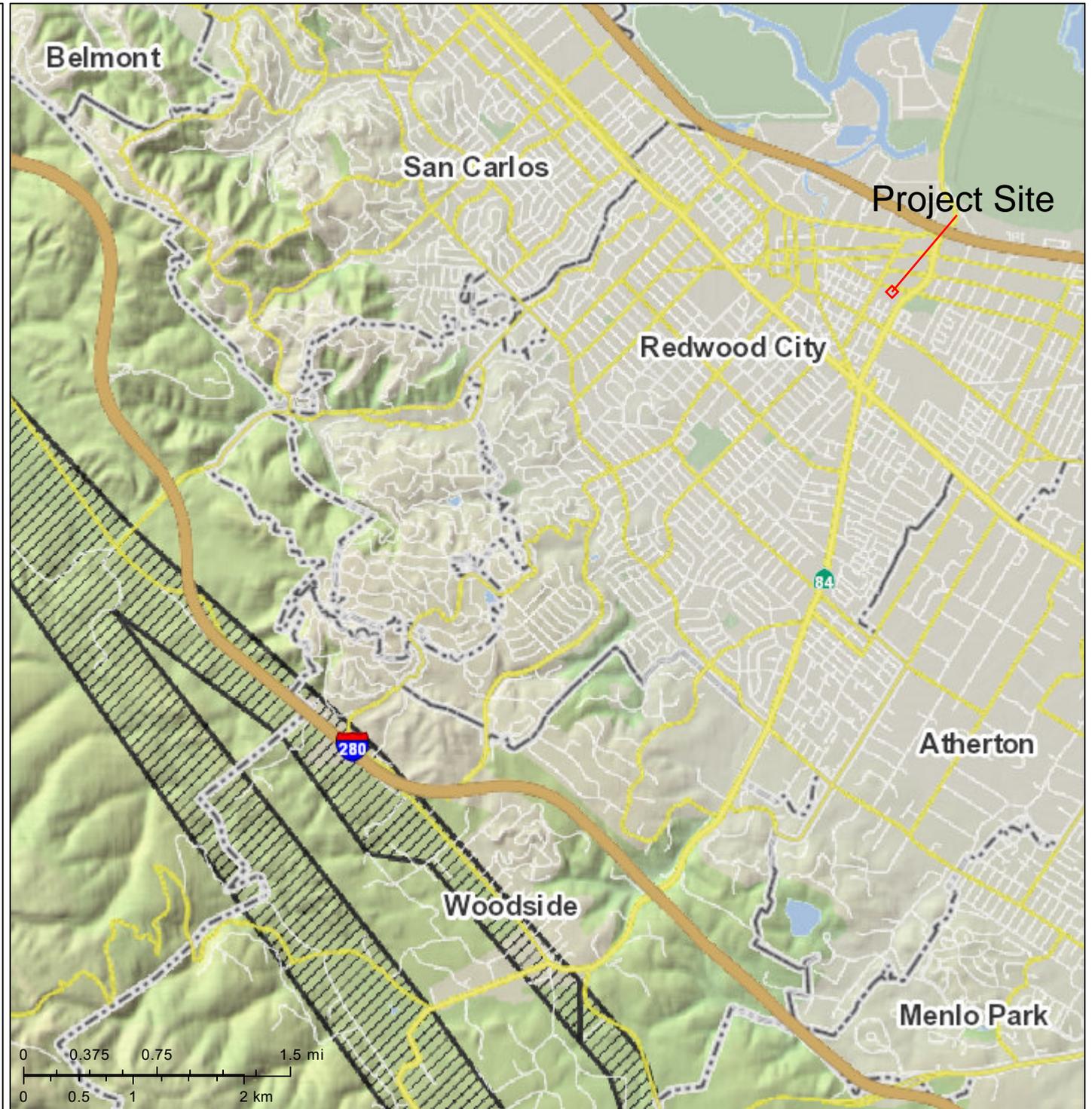


SITE PLAN
 Redwood City Motor Pool
 Redwood City, California

San Francisco Bay Area Hazards

Legend

-  Alquist-Priolo Fault Zone



This map is intended for planning only and is not intended to be site specific. Rather, it depicts the general risk within neighborhoods and the relative risk from community to community.

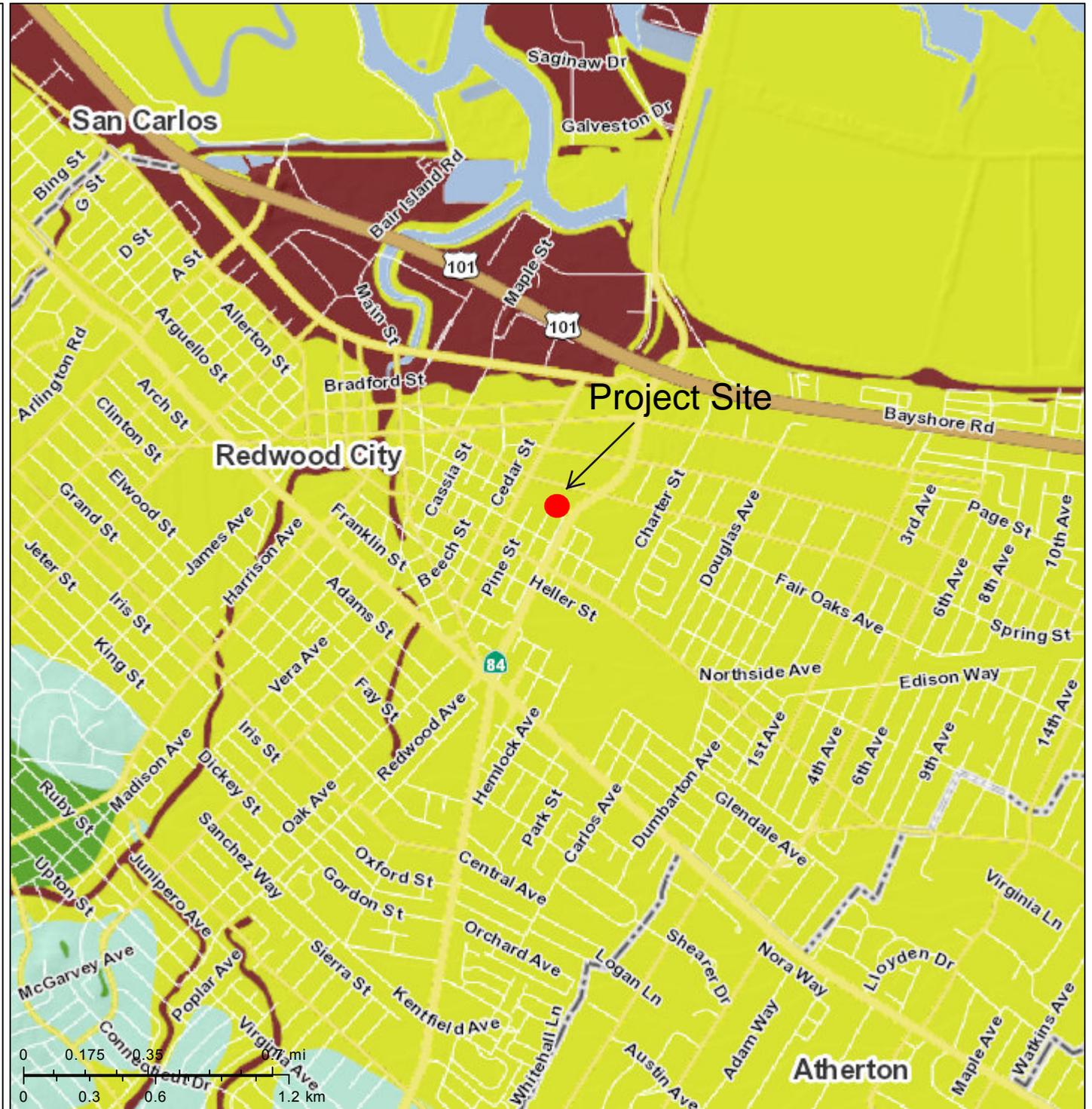
 earthquake and hazards program
Association of Bay Area Governments

December 4, 2014

San Francisco Bay Area Hazards

Legend

-  Alquist-Priolo Fault Zone
-  Very High
-  High
-  Moderate
-  Low
-  Very Low
-  Water Bodies



This map is intended for planning only and is not intended to be site specific. Rather, it depicts the general risk within neighborhoods and the relative risk from community to community.

 earthquake and hazards program
Association of Bay Area Governments

December 4, 2014

DRAFT

**APPENDIX A
FIELD INVESTIGATION**



APPENDIX A FIELD INVESTIGATION

Our field investigation consisted of a site reconnaissance and a subsurface exploration program including three exploration borings. The exploratory borings were performed by Exploration Geoservices, using a Mobile Drill B-53 track-mounted drill rig equipped with hollow stem augers. Three 8-inch diameter exploratory borings were drilled on October 30, 2014, to maximum depths of 21½ feet.

The approximate locations of the borings are shown on the Site Plan, Plate 2. Soils encountered in the borings were continuously logged in the field by our staff engineer. The soils are classified in accordance with the Unified Soil Classification System (ASTM D 2487). The logs of borings (A1) are included in this appendix.

Representative soil samples were obtained from the borings at selected depths. The samples were obtained using either a Modified California sampler (3.0-inch outside diameter (O.D.), 2.5-inch inside diameter (I.D.)) or a Standard Penetration Test (SPT) sampler (2.0-inch O.D., 1.4-inch I.D.) split-spoon sampler (ASTM D 1586). In the laboratory, we reexamined the samples from the borings and selected appropriate specimens for physical property testing. We also checked our field classifications and made corrections, as appropriate.

Resistance blow counts were obtained with the samplers by dropping a 140-pound hammer through a 30-inch free fall using an automatic hammer system. The sampler was driven 18 inches, and the number of blows was recorded for each 6 inches of penetration. The blows-per-foot recorded on the boring logs represent the accumulated number of blows that were required to drive the last 12 inches. Due to the large diameter of the Modified California sampler, and the use of the automatic hammer system, the blow counts recorded for this sampler are not standard penetration resistance (N) values.



CLASSIFICATION AND MATERIAL SYMBOLS

MAJOR DIVISIONS PER ASTM D2488-06		MAJOR GROUP NAMES AND MATERIAL SYMBOLS	
COARSE-GRAINED SOILS More than 50% retained on the No. 200 sieve	GRAVELS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	Clean gravels less than 5% fines	GW Well-Graded GRAVEL
			GP Poorly Graded GRAVEL
		Gravels with more than 12% fines	GM SILTY GRAVEL
			GC CLAYEY GRAVEL
	SANDS MORE THAN 50% OF COARSE FRACTION PASSING NO. 4 SIEVE	Clean sand less than 5% fines	SW Well-Graded SAND
			SP Poorly Graded SAND
		Sands with more than 12% fines	SM SILTY SAND
			SC CLAYEY SAND
FINE-GRAINED SOILS 50% or more passes the No. 200 sieve	SILTS AND CLAYS Liquid Limit Less than 50%		ML SILT
			CL Lean CLAY
			OL ORGANIC SILT
	SILTS AND CLAYS Liquid Limit Greater than 50%		MH Elastic SILT
			CH Fat CLAY
			OH ORGANIC CLAY
HIGHLY ORGANIC SOILS		PT Peat or Highly Organic Soils	
Notes: Classification of soils on the boring logs is in general accordance with ASTM D2488, or D2487 if appropriate laboratory data are available. The geologic formation is noted in bold font at the top of interpreted interval on the boring logs.		OTHER MATERIAL SYMBOLS	
		Debris or Mixed Fill	
		Pavement with Aggregate Base	

SAMPLER TYPE

SPT (Driven) 1-3/8" ID 2" OD	Modified California (Driven) 2-3/8" ID 3" OD	Modified California (Driven) 1-7/8" ID 2-1/2" OD
Shelby Tube (Pushed) 2-7/8" ID 3" OD	Pitcher Barrel (Rotary-cut) 2-7/8" ID	Osterberg (Piston) 2-7/8" ID
101 Geobarrel (Rotary-cut) 2-7/8" ID	Rock Core (Rotary-cut) See log for size	Vibracore (Vibrated) See log for size
Push-core (Pushed) See log for size	Collected from Auger	Other See log for details

Note: Refer to text of report for additional details or other sampler types.

BLOW COUNT

Number of blows required to drive sampler each of three 6-in. intervals, as measured in the field (uncorrected). An SPT hammer (140 lb., falling 30-in.) was used unless otherwise noted on the boring log. For example:

Blow Count	Description
5 7 8	5, 7, and 8 blows for first, second, and third interval, respectively.
35 50/3"	35 blows for the first interval. 50 blows for the first 3 inches of the second interval. Lack of third value implies that driving was stopped 3 inches into the second interval.
WOH WOH 5	"WOH" indicates that the weight of the hammer was sufficient to advance the sampler over the first two intervals. 5 blows were required to advance the sampler over the third interval.

N-VALUE

The N-Value represents the blowcount for the last 12 inches of the sample drive if three 6-inch intervals were driven. N-value presented is independent of impact energy. If 50 hammer blows were insufficient to drive through either the second or the third interval, the total number of blows and total length driven are reported (excluding the first interval). "ref" (refusal) indicates that 50 blows were insufficient to drive through the first 6-inch interval.

Parenthesis indicate that an approximate correction has been applied for non-SPT drive samplers. For example, a factor of 0.63 is commonly used to adjust blow counts obtained using a 3-inch outside diameter modified California sampler to correspond to Standard Penetration Test.

UNDRAINED SHEAR STRENGTH

A value of undrained shear strength is reported. The value is followed by a letter code indicating the type of test that was performed, as follows:

- U - Unconfined Compression
- Q - Unconsolidated Undrained Triaxial
- T - Torvane
- P - Pocket Penetrometer
- M - Miniature Vane
- F - Field Vane
- R - R-value

OTHER TESTS

Field or laboratory tests without a dedicated column on the boring log are reported in the Other Tests column. A letter code is used to indicate the type of test. For certain tests, a value representing the test result is also provided. Typical letter codes are as follows. Additional codes may be used. Refer to the report text and the laboratory testing results for additional information.

- k - Permeability (cm/s)
- Consol - Consolidation
- Gs - Specific Gravity
- MA - Particle Size Analysis
- EI - Expansion Index
- OMV - Organic Vapor Meter

WATER LEVEL SYMBOLS

- Initial water level
- Final water level
- Seepage encountered

INCREASING MOISTURE CONTENT

- ↑ Dry
- ↓ Moist
- ↓ Wet

CONSISTENCY OF COHESIVE SOIL

CONSISTENCY	UNDRAINED SHEAR STRENGTH (KIPS PER SQUARE FOOT)
Very Soft	< 0.25
Soft	0.25 to 0.50
Medium Stiff	0.50 to 1.0
Stiff	1.0 to 2.0
Very Stiff	2.0 to 4.0
Hard	> 4.0

Note: In absence of test data, consistency has been estimated based on manual observation.

APPARENT DENSITY OF COHESIONLESS SOIL

APPARENT DENSITY	N-VALUE
Very Loose	0 to 4
Loose	5 to 9
Medium Dense	10 to 29
Dense	30 to 49
Very Dense	> 49



DEPTH, ft	MATERIAL SYMBOL	SAMPLER TYPE	BLOW COUNT OR PRESSURE, psi	N VALUE OR RQD%	RECOVERY	LOCATION:	DRY UNIT WEIGHT, pcf	WATER CONTENT, %	% PASSING #200 SIEVE	LIQUID LIMIT, %	PLASTICITY INDEX	UNDRAINED SHEAR STRENGTH, S _u , ksf	OTHER TESTS
						Redwood City, CA N 37.48351667 W 122.2192528 SURFACE EL: 15.0 ft +/- (rel. MSL datum)							
						MATERIAL DESCRIPTION							
						7.2" Asphalt							
						14" Aggregate Base Material							
						Fat CLAY (CH): stiff to very stiff, black, dry							
5			10 13 15	17	18 18	Lean CLAY with SAND (CL): stiff to very stiff, olive brown, dry, fine to medium grain, low plasticity transition to light brown		17					
10			8 8 5	9	18 18			22	80				MA
15			9 9 5	10	18 18	▼ SANDY Lean CLAY (CL): stiff, light brown, moist to wet, fine to medium grain, low to medium plasticity							
20			13 15 17 19 36	20	18 18	CLAYEY SAND with GRAVEL (SC): medium dense to very dense, brown, wet, gravel size quarter of an inch, medium-large grain sands		12	13				MA
						NOTES: 1. Terms and symbols defined on Plate A-1.							

BORING DEPTH: 21.5 ft
BACKFILL: Grout
DEPTH TO WATER: 13.0 ft
FIELDWORK DATE: October 30, 2014
DRILLING METHOD: 8-in. dia. Hollow Stem Auger

HAMMER TYPE: Wire-Line
RIG TYPE: Mobile Drill B-53
DRILLED BY: Exploration Geoservices, Inc.
LOGGED BY: H Stadem
CHECKED BY: T. Wong

LOG OF BORING NO. B-01
Redwood City Motor Pool
Redwood City, California

FCLP STANDARD LOG G:\JOBDOCS\04.72140058 REDWOOD CITY MOTOR POOL\FIELDBORINGS\4DECEMBER2014 0472140058.GPJ OGEEM_LIB_JAN2012.GLB 12/4/14 12:06 P



DEPTH, ft	MATERIAL SYMBOL	SAMPLER TYPE	BLOW COUNT OR PRESSURE, psi	N VALUE OR RQD%	RECOVERY	LOCATION:	DRY UNIT WEIGHT, pcf	WATER CONTENT, %	% PASSING #200 SIEVE	LIQUID LIMIT, %	PLASTICITY INDEX	UNDRAINED SHEAR STRENGTH, S _u , ksf	OTHER TESTS
						Redwood City, CA N 37.483369444 W 122.218725 SURFACE EL: 15.0 ft +/- (rel. MSL datum)							
						6" Asphalt							
						12' Aggregate Base Material							
5			6 10	16	100%	Fat CLAY (CH): very stiff, black, dry, gas odor							
10			6 10	12	18 18	SANDY Lean CLAY (CL): stiff, grayish brown, dry to moist, low to medium plasticity, fine to medium grain gray streaks from 9'-9.5'	102	24					
15			6 10	9	18 18	Fat CLAY with SAND (CH): stiff to very stiff, brown, wet, fine to medium grain, with gray streaks							
20			11 14 16	19	18 18								
						NOTES: 1. Terms and symbols defined on Plate A-1.							

BORING DEPTH: 20.0 ft
BACKFILL: Grout
DEPTH TO WATER: 15.0 ft
FIELDWORK DATE: October 30, 2014
DRILLING METHOD: 8-in. dia. Hollow Stem Auger

HAMMER TYPE: Wire-Line
RIG TYPE: Mobile Drill B-53
DRILLED BY: Exploration Geoservices, Inc.
LOGGED BY: H Stadem
CHECKED BY: T. Wong

LOG OF BORING NO. B-03
Redwood City Motor Pool
Redwood City, California

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**APPENDIX B
LABORATORY TESTING**

APPENDIX B LABORATORY INVESTIGATION

The laboratory testing program was directed towards an evaluation of the physical and mechanical properties of the soils underlying the site.

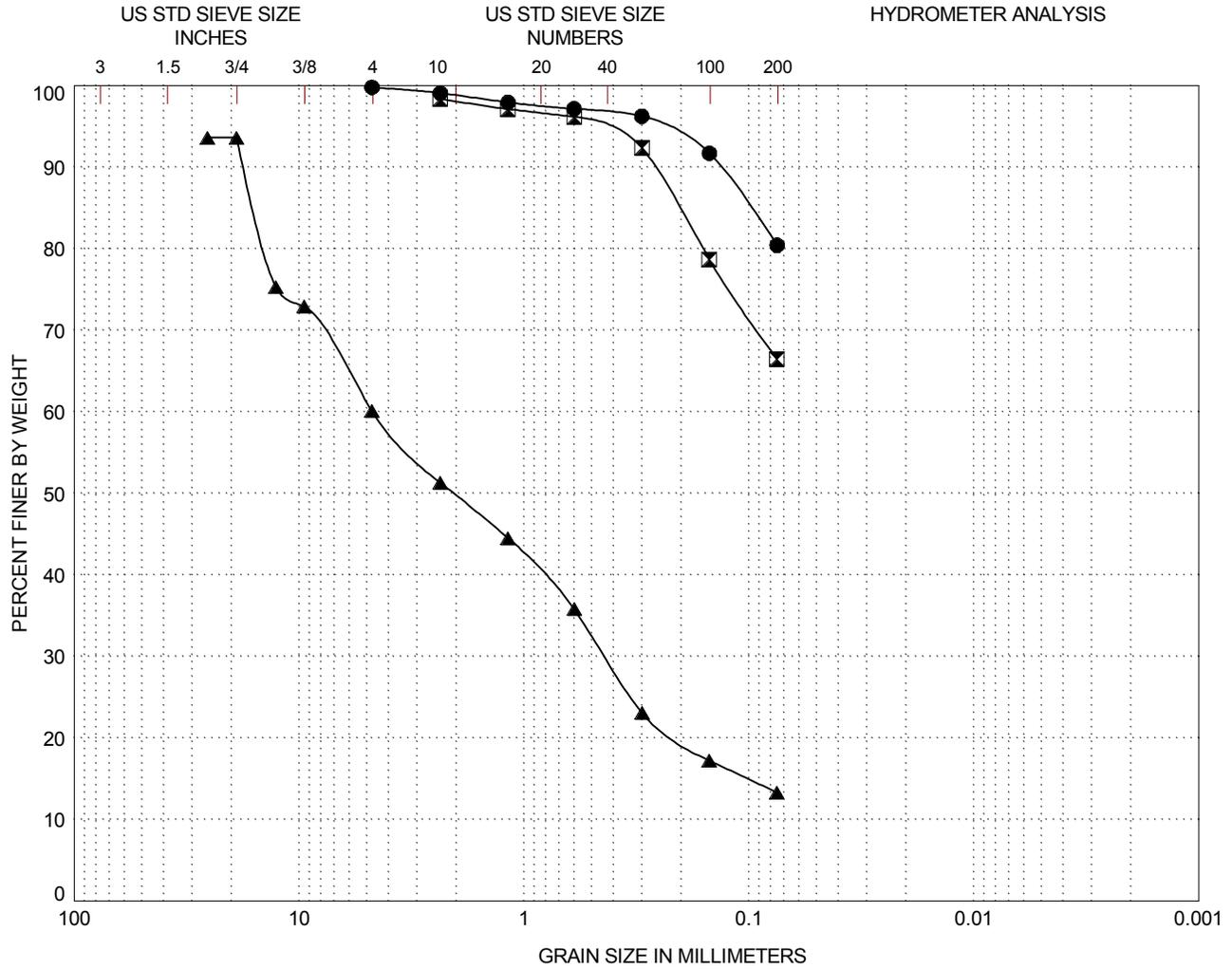
The natural water content was determined on 4 samples of the materials recovered from the borings in accordance with ASTM Test Designation D2216. These water contents are recorded on the boring logs at the sample depths.

Dry density determinations were performed on 3 samples to evaluate their physical properties. The results of these tests are shown on the boring logs at the sample depths.

The percent of materials passing the #200 sieve was determined on 1 sample to aid in the classification of the soil. The test was performed in accordance with ASTM Test Designation D1140. Gradation analyses, including the #200 sieve, were performed on 2 additional samples. The results of these tests are shown on the boring logs at the sample depths and Laboratory Analysis B-2 through B-4.

Gradation tests were performed on 2 samples of the subsurface soils in accordance with ASTM Test Designation D422. These tests were performed to assist in the classification of the soils and to determine their grain size distribution. The results of these tests are presented on Plate B-2.

Atterberg Limits determinations were performed on 1 sample of the subsurface soils to determine the range of water contents over which this material exhibits plasticity. The Atterberg Limits were determined in accordance with ASTM Test Designation D4318. These values are used to classify the soil in accordance with the Unified Soil Classification System and to indicate the soil's compressibility and expansion potentials. The results of these tests are presented on the boring logs at the appropriate sample depth and Laboratory Analysis Figure B-3.



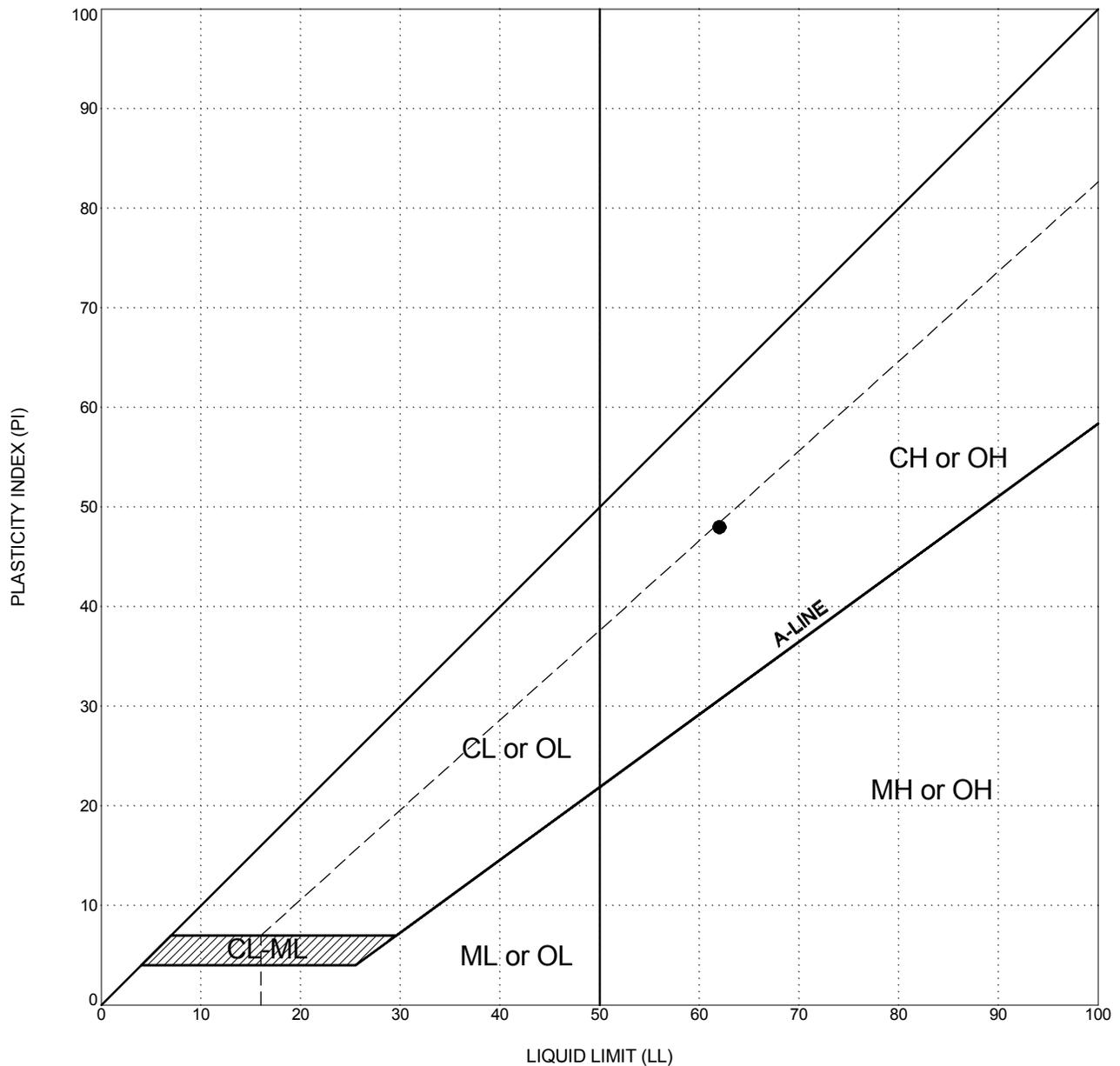
GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

LEGEND	
(location)	(depth,ft)
●	B-01 9.5
◻	B-01 14.5
▲	B-01 19.0

CLASSIFICATION		C _c	C _u	D ₁₀	D ₃₀	D ₆₀
Lean CLAY with SAND (CL) - Olive Brown						
SANDY Lean CLAY (CL) - Light Olive Brown						
CLAYEY SAND with GRAVEL (SC) - Olive Brown				0.44	4.71	

GRAIN SIZE CURVES
Redwood City Motor Pool
Redwood City, California





LEGEND	
location	depth, ft
● B-02	4.5

CLASSIFICATION
Fat CLAY (CH) - Black

ATTERBERG LIMITS TEST RESULTS		
LIQUID LIMIT (LL)	PLASTIC LIMIT (PL)	PLASTICITY INDEX (PI)
62	14	48

PLASTICITY CHART
 Redwood City Motor Pool
 Redwood City, California





SUMMARY OF LABORATORY TEST RESULTS

Project: Redwood City Motor Pool
Address: Redwood City, California
Client: County of San Mateo

Job Number: 04.72140058
Date: 11/10/2014

Sample Number: Bulk #1
Sample Depth: N/A
Sample Description: Black Lean/Fat CLAY w/ Sand (CL/CH)
Source: Onsite/Native
Location Sampled: B-01
Date Sampled: 10/30/2014
Sample By: H. Stadem
Test Methods: ASTM D2844, CT301

RESISTANCE VALUE DATA SUMMARY

Initial Moisture Content: 19.4%

Dry Unit Weight (pcf)	Water Content (%)	Exudation Pressure (psi)	Expansion Pressure (psf)	R-Value
95.5	27.1	288	0	7
99.0	24.7	485	0	10
101.1	22.9	710	0	11

R-value at Exudation Pressure of 300 psi:

7

R-value by Expansion Pressure:

TI = 4

N/A

Remarks: R-value by stabilometer controls.
75.3% Passing The #200 Sieve

Distribution:

Fugro Consultants, Inc.

Andrew Bajuniemi / Laboratory Supervisor

APPENDIX C
CORROSION TEST RESULTS

14 November 2014

Job No.1411038
Cust. No.11608

Mr. Matthew Bajuniemi
Fugro Consultants
1000 Broadway, Suite 440
Oakland, CA 94607

Subject: Project No.: 04.72140058
Project Name: Redwood City Motor Pool, Redwood City
Corrosivity Analysis – ASTM Test Methods with Brief Evaluation

Dear Mr. Bajuniemi:

Pursuant to your request, CERCO Analytical has analyzed the soil samples submitted on November 06, 2014. Based on the analytical results, this brief corrosivity evaluation is enclosed for your consideration.

Based upon the resistivity measurements, both samples are classified as “corrosive”. All buried iron, steel, cast iron, ductile iron, galvanized steel and dielectric coated steel or iron should be properly protected against corrosion depending upon the critical nature of the structure. All buried metallic pressure piping such as ductile iron firewater pipelines should be protected against corrosion.

The chloride ion concentrations ranged from none detected to 39 mg/kg and are determined to be insufficient to attack steel embedded in a concrete mortar coating.

The sulfate ion concentrations ranged from none detected to 68 mg/kg and are determined to be insufficient to damage reinforced concrete structures and cement mortar-coated steel at these locations.

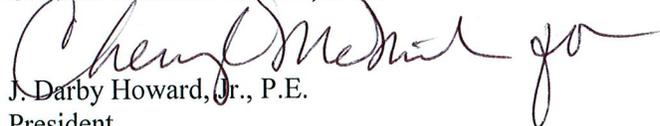
The pH of the soils ranged from 8.42 to 8.67, which does not present corrosion problems for buried iron, steel, mortar-coated steel and reinforced concrete structures.

The redox potentials ranged from 130 to 240-mV. Sample No.001 is indicative of potentially “moderately corrosive” soils and Sample No.002 is indicative of potentially “slightly corrosive” soils resulting from anaerobic soil conditions.

This corrosivity evaluation is based on general corrosion engineering standards and is non-specific in nature. For specific long-term corrosion control design recommendations or consultation, please call *JDH Corrosion Consultants, Inc. at (925) 927-6630.*

We appreciate the opportunity of working with you on this project. If you have any questions, or if you require further information, please do not hesitate to contact us.

Very truly yours,
CERCO ANALYTICAL, INC.


J. Darby Howard, Jr., P.E.
President

JDH/jdl
Enclosure



1100 Willow Pass Court, Suite A
 Concord, CA 94520-1006
 925 462 2771 Fax: 925 462 2775
 www.cercoanalytical.com

Client: Fugro West, Inc.
 Client's Project No.: 04.72140058
 Client's Project Name: Redwood City Motor Pool, Redwood City
 Date Sampled: 5-Nov-14
 Date Received: 6-Nov-14
 Matrix: Soil
 Authorization: Signed Chain of Custody

Date of Report: 14-Nov-2014

Job/Sample No.	Sample I.D.	Redox (mV)	pH	Conductivity (umhos/cm)*	Resistivity (100% Saturation) (ohms-cm)	Sulfide (mg/kg)*	Chloride (mg/kg)*	Sulfate (mg/kg)*
1411038-001	B-3/1 @ 4.5-5	130	8.67	-	800	-	N.D.	N.D.
1411038-002	B-8/1 @ 4-4.5	240	8.42	-	590	-	39	68

Method:	ASTM D1498	ASTM D4972	ASTM D1125M	ASTM G57	ASTM D4658M	ASTM D4327	ASTM D4327
Reporting Limit:	-	-	10	-	50	15	15
Date Analyzed:	13-Nov-2014	11-Nov-2014	-	10-Nov-2014	-	11-Nov-2014	11-Nov-2014


 Cheryl McMillen
 Laboratory Director

* Results Reported on "As Received" Basis
 N.D. - None Detected

Appendix F

Noise and Vibration Assessment

***SAN MATEO COUNTY NEW EMERGENCY
MANAGEMENT CENTER (EMC) AND
MOTORPOOL RELOCATION
REDWOOD CITY, CALIFORNIA
NOISE AND VIBRATION ASSESSMENT***

December 10, 2014



Prepared for:

**Stephanie B. Davis, AICP
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Prepared by:

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***ILLINGWORTH & RODKIN, INC.*
Acoustics · Air Quality
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Petaluma, CA 94952
(707) 794-0400**

INTRODUCTION

This report presents the results of the noise and vibration assessment completed for the San Mateo County New Emergency Management Center (EMC) and Motor Pool Relocation Project, proposed in Redwood City, California. The project proposes to relocate existing Motor Pool Radio Shop facilities (Motor Pool) from 551 Winslow Street (Site 1) to 752 Chestnut Street (Site 2). A new EMC building would then be constructed at Site 1.

This report evaluates the project's potential to result in significant noise or vibration impacts with respect to applicable California Environmental Quality Act (CEQA) Guidelines. The report is divided into two sections. The Setting Section provides a brief description of the fundamentals of environmental noise, summarizes applicable regulatory criteria, and discusses the results of the ambient noise monitoring survey completed to document existing noise conditions. The Impacts and Mitigation Measures Section evaluates the project with respect to the applicable regulatory noise and vibration criteria, temporary noise level increases resulting from project construction, and permanent noise level increases resulting from the operation of the project. Mitigation is then presented to reduce potentially significant impacts to less than significant levels.

SETTING

Fundamentals of Environmental Noise

Noise may be defined as unwanted sound. Noise is usually objectionable because it is disturbing or annoying. The objectionable nature of sound could be caused by its *pitch* or its *loudness*. *Pitch* is the height or depth of a tone or sound, depending on the relative rapidity (frequency) of the vibrations by which it is produced. Higher pitched signals sound louder to humans than sounds with a lower pitch. *Loudness* is intensity of sound waves combined with the reception characteristics of the ear. Intensity may be compared with the height of an ocean wave in that it is a measure of the amplitude of the sound wave.

In addition to the concepts of pitch and loudness, there are several noise measurement scales which are used to describe noise in a particular location. A *decibel (dB)* is a unit of measurement which indicates the relative amplitude of a sound. The zero on the decibel scale is based on the lowest sound level that the healthy, unimpaired human ear can detect. Sound levels in decibels are calculated on a logarithmic basis. An increase of 10 decibels represents a ten-fold increase in acoustic energy, while 20 decibels is 100 times more intense, 30 decibels is 1,000 times more intense, etc. There is a relationship between the subjective noisiness or loudness of a sound and its intensity. Each 10 decibel increase in sound level is perceived as approximately a doubling of loudness over a fairly wide range of intensities. Technical terms are defined in Table 1.

There are several methods of characterizing sound. The most common in California is the *A-weighted sound level (dBA)*. This scale gives greater weight to the frequencies of sound to which the human ear is most sensitive. Representative outdoor and indoor noise levels in units of dBA are shown in Table 2. Because sound levels can vary markedly over a short period of time, a method for describing either the average character of the sound or the statistical behavior of the

variations must be utilized. Most commonly, environmental sounds are described in terms of an average level that has the same acoustical energy as the summation of all the time-varying events. This *energy-equivalent sound/noise descriptor* is called L_{eq} . The most common averaging period is hourly, but L_{eq} can describe any series of noise events of arbitrary duration.

The scientific instrument used to measure noise is the sound level meter. Sound level meters can accurately measure environmental noise levels to within about plus or minus 1 dBA. Various computer models are used to predict environmental noise levels from sources, such as roadways and airports. The accuracy of the predicted models depends upon the distance the receptor is from the noise source. Close to the noise source, the models are accurate to within about plus or minus 1 to 2 dBA.

Since the sensitivity to noise increases during the evening and at night -- because excessive noise interferes with the ability to sleep -- 24-hour descriptors have been developed that incorporate artificial noise penalties added to quiet-time noise events. The *Community Noise Equivalent Level (CNEL)* is a measure of the cumulative noise exposure in a community, with a 5 dB penalty added to evening (7:00 pm - 10:00 pm) and a 10 dB addition to nocturnal (10:00 pm - 7:00 am) noise levels. The *Day/Night Average Sound Level (DNL or L_{dn})* is essentially the same as CNEL, with the exception that the evening time period is dropped and all occurrences during this three-hour period are grouped into the daytime period.

Fundamentals of Groundborne Vibration

Ground vibration consists of rapidly fluctuating motions or waves with an average motion of zero. Several different methods are typically used to quantify vibration amplitude. One method is the *Peak Particle Velocity (PPV)*. The PPV is defined as the maximum instantaneous positive or negative peak of the vibration wave. In this report, a PPV descriptor with units of mm/sec or in/sec is used to evaluate construction generated vibration for building damage and human complaints. Table 3 displays the reactions of people and the effects on buildings that continuous vibration levels produce.

The annoyance levels shown in Table 3 should be interpreted with care since vibration may be found to be annoying at much lower levels than those shown, depending on the level of activity or the sensitivity of the individual. To sensitive individuals, vibrations approaching the threshold of perception can be annoying. Low-level vibrations frequently cause irritating secondary vibration, such as a slight rattling of windows, doors, or stacked dishes. The rattling sound can give rise to exaggerated vibration complaints, even though there is very little risk of actual structural damage.

Construction activities can cause vibration that varies in intensity depending on several factors. The use of pile driving and vibratory compaction equipment typically generates the highest construction related groundborne vibration levels. Because of the impulsive nature of such activities, the use of the PPV descriptor has been routinely used to measure and assess groundborne vibration and almost exclusively to assess the potential of vibration to induce structural damage and the degree of annoyance for humans.

The two primary concerns with construction-induced vibration, the potential to damage a structure and the potential to interfere with the enjoyment of life, are evaluated against different vibration limits. Studies have shown that the threshold of perception for average persons is in the range of 0.008 to 0.012 in/sec PPV. Human perception to vibration varies with the individual and is a function of physical setting and the type of vibration. Persons exposed to elevated ambient vibration levels, such as people in an urban environment, may tolerate a higher vibration level.

Structural damage can be classified as cosmetic only, such as minor cracking of building elements, or may threaten the integrity of the building. Safe vibration limits that can be applied to assess the potential for damaging a structure vary by researcher and there is no general consensus as to what amount of vibration may pose a threat for structural damage to the building. Construction-induced vibration that can be detrimental to the building is very rare and has only been observed in instances where the structure is at a high state of disrepair and the construction activity occurs immediately adjacent to the structure.

TABLE 1 Definition of Acoustical Terms Used in this Report

Term	Definition
Decibel, dB	A unit describing, the amplitude of sound, equal to 20 times the logarithm to the base 10 of the ratio of the pressure of the sound measured to the reference pressure. The reference pressure for air is 20 micro Pascals.
Sound Pressure Level	Sound pressure is the sound force per unit area, usually expressed in micro Pascals (or 20 micro Newtons per square meter), where 1 Pascal is the pressure resulting from a force of 1 Newton exerted over an area of 1 square meter. The sound pressure level is expressed in decibels as 20 times the logarithm to the base 10 of the ratio between the pressures exerted by the sound to a reference sound pressure (e. g., 20 micro Pascals). Sound pressure level is the quantity that is directly measured by a sound level meter.
Frequency, Hz	The number of complete pressure fluctuations per second above and below atmospheric pressure. Normal human hearing is between 20 Hz and 20,000 Hz. Infrasonic sound are below 20 Hz and Ultrasonic sounds are above 20,000 Hz.
A-Weighted Sound Level, dBA	The sound pressure level in decibels as measured on a sound level meter using the A-weighting filter network. The A-weighting filter de-emphasizes the very low and very high frequency components of the sound in a manner similar to the frequency response of the human ear and correlates well with subjective reactions to noise.
Equivalent Noise Level, L_{eq}	The average A-weighted noise level during the measurement period.
L_{max} , L_{min}	The maximum and minimum A-weighted noise level during the measurement period.
L_{01} , L_{10} , L_{50} , L_{90}	The A-weighted noise levels that are exceeded 1%, 10%, 50%, and 90% of the time during the measurement period.
Day/Night Noise Level, L_{dn} or DNL	The average A-weighted noise level during a 24-hour day, obtained after addition of 10 decibels to levels measured in the night between 10:00 pm and 7:00 am.
Community Noise Equivalent Level, CNEL	The average A-weighted noise level during a 24-hour day, obtained after addition of 5 decibels in the evening from 7:00 pm to 10:00 pm and after addition of 10 decibels to sound levels measured in the night between 10:00 pm and 7:00 am.
Ambient Noise Level	The composite of noise from all sources near and far. The normal or existing level of environmental noise at a given location.
Intrusive	That noise which intrudes over and above the existing ambient noise at a given location. The relative intrusiveness of a sound depends upon its amplitude, duration, frequency, and time of occurrence and tonal or informational content as well as the prevailing ambient noise level.

Source: Handbook of Acoustical Measurements and Noise Control, Harris, 1998.

TABLE 2 Typical Noise Levels in the Environment

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	110 dBA	Rock band
Jet fly-over at 1,000 feet		
	100 dBA	
Gas lawn mower at 3 feet		
	90 dBA	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	80 dBA	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawn mower, 100 feet	70 dBA	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	60 dBA	
		Large business office
Quiet urban daytime	50 dBA	Dishwasher in next room
Quiet urban nighttime	40 dBA	Theater, large conference room
Quiet suburban nighttime		
	30 dBA	Library
Quiet rural nighttime		Bedroom at night, concert hall
	20 dBA	
		Broadcast/recording studio
	10 dBA	
	0 dBA	

Source: Technical Noise Supplement (TeNS), California Department of Transportation, September 2013.

TABLE 3 Reaction of People and Damage to Buildings from Continuous or Frequent Intermittent Vibration Levels

Velocity Level, PPV (in/sec)	Human Reaction	Effect on Buildings
0.01	Barely perceptible	No effect
0.04	Distinctly perceptible	Vibration unlikely to cause damage of any type to any structure
0.08	Distinctly perceptible to strongly perceptible	Recommended upper level of the vibration to which ruins and ancient monuments should be subjected
0.1	Strongly perceptible	Virtually no risk of damage to normal buildings
0.3	Strongly perceptible to severe	Threshold at which there is a risk of damage to older residential dwellings such as plastered walls or ceilings
0.5	Severe - Vibrations considered unpleasant	Threshold at which there is a risk of damage to newer residential structures

Source: Transportation and Construction Vibration Guidance Manual, California Department of Transportation, September 2013.

Regulatory Criteria

The project is located in the City of Redwood City. However, as a government entity, San Mateo County would be exempt from the City of Redwood City’s regulatory thresholds. The project would be subject to noise-related regulations, plans, and policies established by the State of California and San Mateo County. These planning documents are implemented during the environmental review process to limit noise exposure at existing and proposed noise sensitive land uses.

Applicable planning documents include: (1) the CEQA Guidelines, Appendix G, (2) the San Mateo County General Plan, (3) the San Mateo County Municipal Code, and (4) the Federal Transit Administration (FTA). Regulations, plans, and policies presented within these documents form the basis of the significance criteria used to assess project impacts.

State CEQA Guidelines. CEQA contains guidelines to evaluate the significance of effects of environmental noise attributable to a proposed project. CEQA asks the following applicable questions. Would the project result in:

- (a) Exposure of persons to or generation of noise levels in excess of standards established in the local General Plan or Noise Ordinance, or applicable standards of other agencies?
- (b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?
- (c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

- (d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?
- (e) For a project located within an airport land use plan or, where such a plan has not been adopted within two miles of a public airport or public use airport, exposure of people residing or working in the project area to excessive noise levels?
- (f) For a project within the vicinity of a private airstrip, exposure of people residing or working in the project area to excessive noise levels?

Of these guidelines, items (a), (b), (c), and (d) are applicable to the proposed project. The project is not located in the vicinity of a public or private airstrip; therefore, checklist items (e) and (f) are not carried forward in this analysis.

San Mateo County General Plan, Chapter 16. San Mateo County offers qualitative noise goals and objectives, including: to 1) strive toward a livable noise environment, 2) reduce noise impacts through noise and land use compatibility and noise mitigation, 3) promote protection of noise sensitive land uses and noise reduction in quiet areas and noise impact areas, 4) give priority to reducing noise at the source rather than at the receiver, and 5) promote noise reduction through the use of techniques such as site planning, noise barriers, and architectural design and construction.

San Mateo County Code of Ordinances.

4.88.330 – Exterior noise standards. It is unlawful for any person at any location within the incorporated area of the County to create any noise, or to allow the creation of any noise on property owned, leased, occupied, or otherwise controlled by such person which causes the exterior noise level when measured at any single or multiple family residence, school, hospital, church, or public library situated in either the incorporated or unincorporated area to exceed the noise level standards as set forth in Table 4, below:

TABLE 4 Receiving Land Use: Single or Multiple Family Residence, School, Hospital, Church, or Public Library Properties.

Category	Cumulative Number of Minutes in Any One Hour Time Period	Daytime 7 am – 10 pm	Nighttime 10 pm – 7 am
1	30	55	50
2	15	60	55
3	5	65	60
4	1	70	65
5	0	75	70

- a) In the event the measured background noise level exceeds the applicable noise level standard in any category above, the applicable standard shall be adjusted in five (5) dBA increments so as to encompass the background noise level.
- b) Each of the noise standards specified above shall be reduced by 5 dBA for simple tone noises, consisting primarily of speech or music, or for recurring or intermittent impulsive noises.
- c) If the intruding noise source is continuous and cannot reasonably be stopped for a period of time whereby the background noise level can be measured, the noise level measured while the source is in operation shall be compared directly to the noise level standards in Table 4.

4.88.340 – Interior noise standards. No person shall, at any location within the unincorporated area of the County operate, or cause to be operated within a dwelling unit, any source of sound, or create, or allow the creation of, any noise which causes the noise level when measured inside a receiving dwelling unit with windows in their normal seasonal configuration to exceed the following noise level standards as set forth in Table 5:

TABLE 5 Interior Noise Level Standards – Dwelling Unit

Category	Cumulative Number of Minutes in Any One Hour Time Period	Daytime 7 am – 10 pm	Nighttime 10 pm – 7 am
1	5	45	40
2	1	50	45
3	0	55	50

- a) In the event the measured background noise level exceeds the applicable noise level standard in any category above, the applicable standard shall be adjusted in five (5) dBA increments so as to encompass the background noise level.
- b) Each of the noise standards specified above shall be reduced by 5 dBA for simple tone noises, consisting primarily of speech or music, or for recurring or intermittent impulsive noises.
- c) If the intruding noise source is continuous and cannot reasonably be stopped for a period of time whereby the background noise level can be measured, the noise level measured while the source is in operation shall be compared directly to the noise level standards in Table 5.

4.88.360 – Exemptions. The following activities shall be exempted from the provisions of this chapter:

- d) Any mechanical device, apparatus, or equipment used, related to or connected with emergency machinery, vehicle, or work.
- e) Noise sources associated with demolition, construction, repair, remodeling, or grading of any real property, provided said activities do not take place between the hours of 6:00 pm and 7:00 am on weekdays, 5:00 pm and 9:00 am on Saturdays, or at any time on Sundays, Thanksgiving, and Christmas.

4.88.380 – Exemption. Whenever, for the good of the public, a government agency, public utility, or private utility determines a project must be done before 7:00 am or after 6:00 pm, or weekends, and so states in its contract, change order(s), or bid documents, said work shall be exempted from this chapter.

Construction Vibration Guidelines. San Mateo County does not establish vibration thresholds applicable to the Project. The FTA establishes the following construction vibration damage criteria for various structural categories:

TABLE 6 Construction Vibration Damage Criteria

Building Category	PPV (in/sec)
I. Reinforced-concrete, steel or timber (no plaster)	0.5
II. Engineered concrete and masonry (no plaster)	0.3
III. Non-engineered timber and masonry buildings	0.2
IV. Buildings extremely susceptible to vibration damage	0.12

Source: Transit Noise and Vibration Impact Assessment, United States Department of Transportation, Federal Transit Agency, Office of Planning and Environment, May 2006.

Existing Noise Environment

Illingworth & Rodkin, Inc. performed a noise monitoring survey to quantify ambient noise levels in the project area. Noise levels were measured from Friday, November 14th, 2014 through Tuesday, November 18th, 2014 adjacent to off-site noise sensitive receptors (residences).

The noise monitoring survey included three long-term (LT) noise measurements, approximately 96 hours in duration, and five short-term (ST) noise measurements, 10-minutes in duration. Measurement locations were selected to quantify baseline noise levels at representative sensitive receptor locations surrounding the project site. Sensitive receptors were identified through a review of aerial photos, plans for the proposed project, and during field reconnaissance. The primary source of noises at sensitive receptors surrounding the site were local traffic, local construction, and existing on-site activities.

Noise measurements were made with Larson Davis Model 820 Integrating Sound Level Meters set at “slow” response. The sound level meters were equipped with a G.R.A.S. Type 40AQ ½ - inch random incidence microphones fitted with windscreens. All instrumentation used meets the requirements of the American National Standards Institute (ANSI) SI.4-1983 for Type 1 use. The sound level meters were calibrated prior to the noise measurements using a Larson Davis Model CAL200 acoustical calibrator. The response of the system was checked after each measurement session and was always found to be within 0.2 dBA.

Measurement location LT-1 was at the end of Pine Street, south of Site 2. The primary daytime noise source at this location was ongoing construction activity at a residential site located to the west of the project site, across Winslow Street. Hourly average daytime noise levels typically ranged from 50 to 60 dBA L_{eq} over the weekend at this location and from 53 to 62 dBA L_{eq} on weekdays. Hourly average nighttime noise levels dropped as low as 47 dBA L_{eq} . The L_{dn} at this location ranged from 59 to 62 dBA.

Location LT-2 was southeast of the childcare facility located adjacent to Site 1. The primary daytime noise sources at this location were distant traffic and occasional project site operations. Hourly average daytime noise levels typically ranged from 55 to 60 dBA L_{eq} , but increased to 65 to 69 dBA L_{eq} on Saturday evening and Sunday afternoon. Hourly average nighttime noise levels dropped as low as 48 dBA L_{eq} . The L_{dn} at this location ranged from 61 to 66 dBA.

Measurement location LT-3 was about 55 feet south of the center of Brewster Avenue, to the north of Site 1. The primary daytime noise source at this location was traffic on Brewster Avenue. Hourly average daytime noise levels typically ranged from 58 to 66 dBA L_{eq} . Hourly average nighttime noise levels dropped as low as 51 to 53 dBA L_{eq} . The L_{dn} at this location ranged from 64 to 66 dBA.

Data collected during the short-term (10-minute) measurements are summarized in Table 7.

TABLE 7 Summary of Short-Term Noise Measurement Data

Noise Measurement Location (date, time)		Measured Noise Level, dBA						Est. L_{dn} , dBA	Primary Noise Source(s)
		L_{max}	$L_{(2)}$	$L_{(10)}$	$L_{(50)}$	$L_{(90)}$	L_{eq}		
Site 2	ST-1: 715 Chestnut Street, (11/18/14, 11:10-11:20)	73	71	68	58	50	63	64	Traffic on Chestnut Street
	ST-2: 643 Buckeye Street, (11/18/14, 11:30-11:40)	64	53	50	47	45	48	50	Distant traffic, On-site operations
	ST-3: End of Spruce Street, (11/18/14, 11:50-12:00)	73	68	63	58	54	61	62	Traffic on Woodside Road
	ST-4: In Front of Shop (11/14/14, 10:40-10:50)	69	63	58	50	48	55	57	Occasional on-site operations
Site 1	ST-5: North of Site 1 Service Bays (11/18/14, 12:10-12:20)	63	60	58	56	52	56	58	Traffic on Woodside Road, Occasional on-site operations

Figures 1 and 2 show the project vicinity and noise monitoring locations at Sites 1 and 2, respectively. The long term measurement results are shown in Figures 3, 4, and 5.

FIGURE 1 Long-Term (LT) and Short-Term (ST) Noise Measurement Locations, Site 1

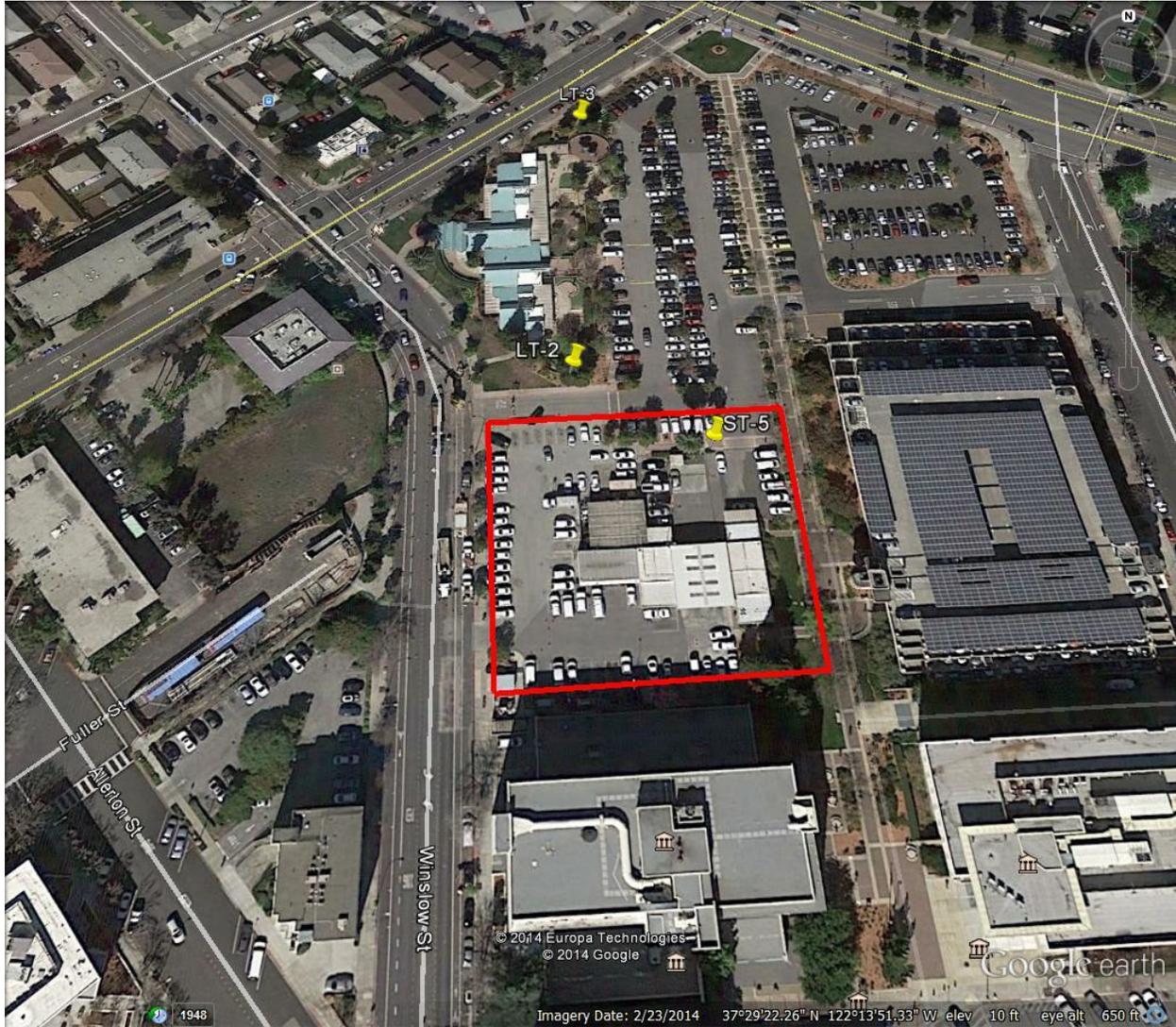


FIGURE 2 Long-Term (LT) and Short-Term (ST) Noise Measurement Locations, Site 2



FIGURE 3 Measured Noise Levels at Location LT-1

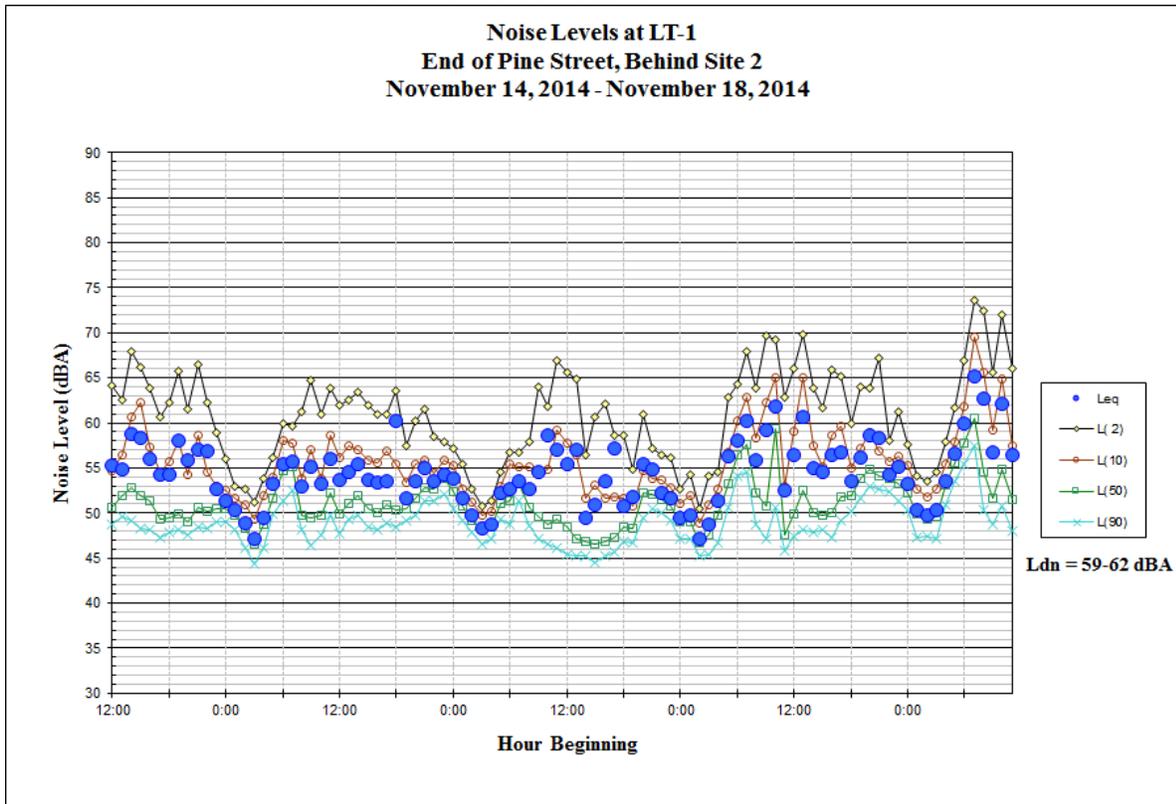


FIGURE 4 Measured Noise Levels at Location LT-2

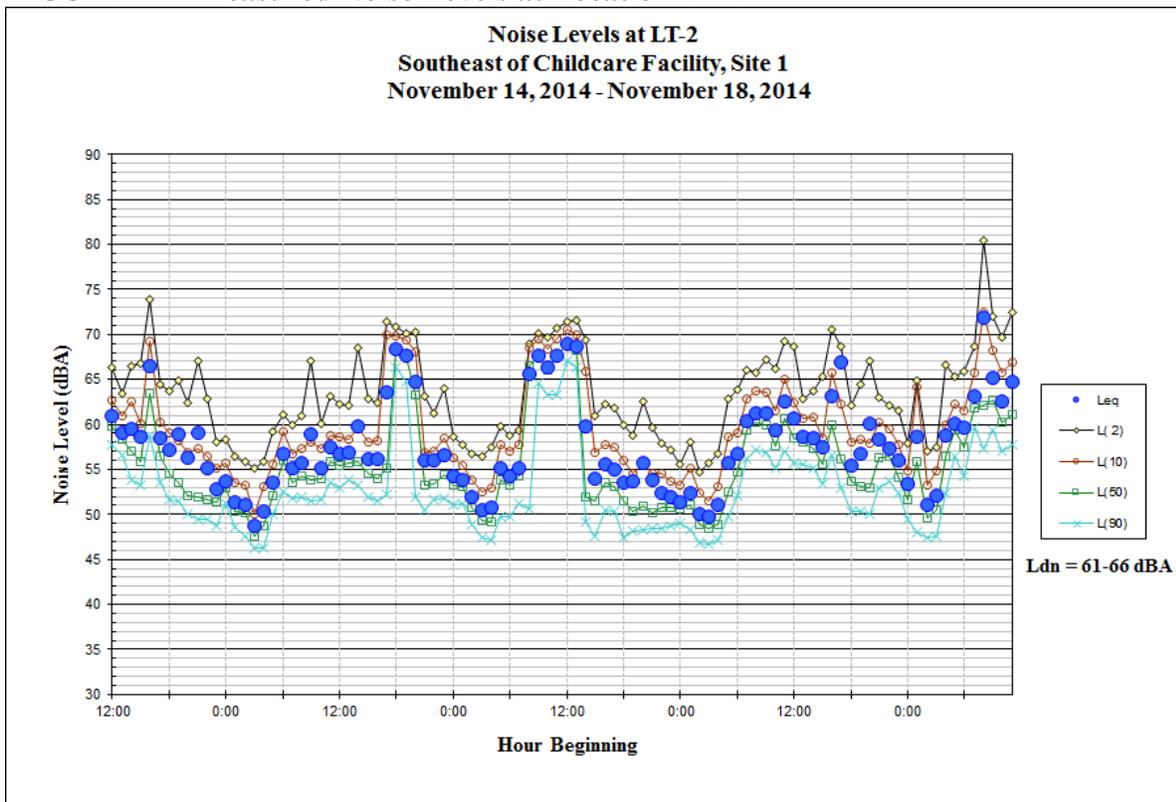
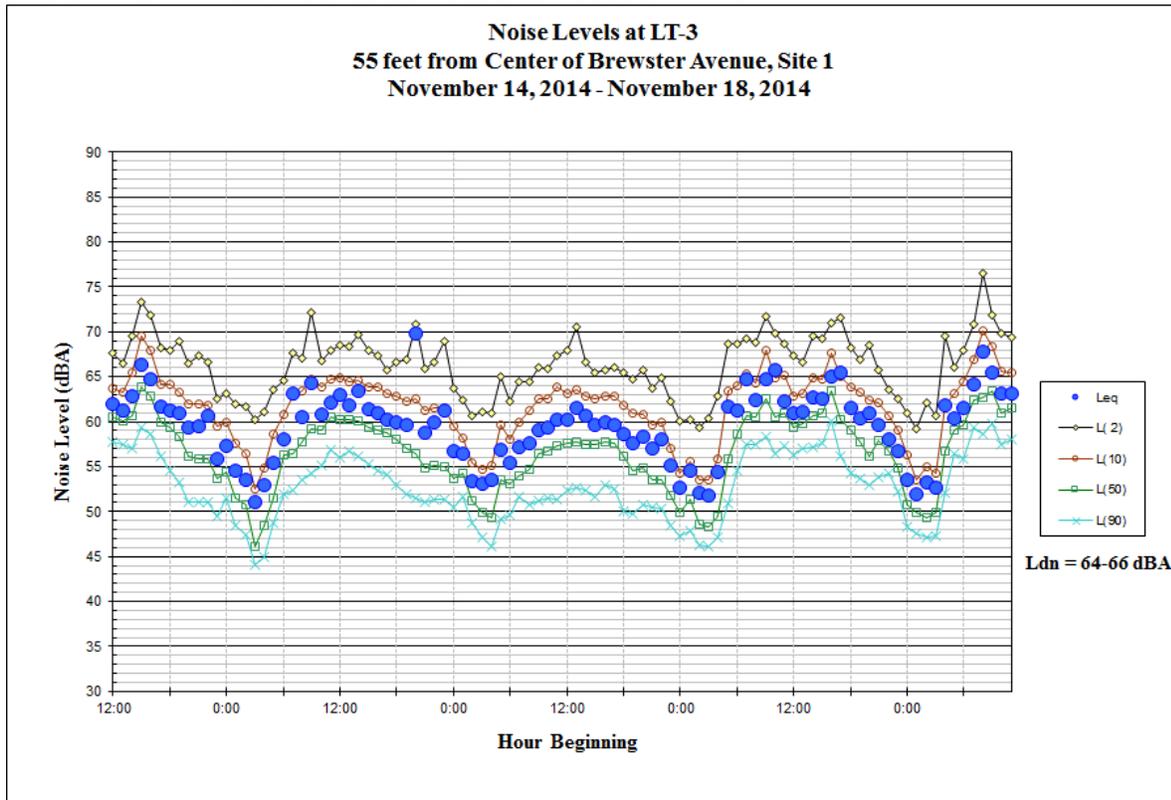


FIGURE 5 Measured Noise Levels at Location LT-3



NOISE IMPACTS AND MITIGATION MEASURES

Significance Thresholds

Paraphrasing from Appendix G of the CEQA Guidelines, a project would normally result in significant noise impacts if noise levels generated by the project conflict with adopted environmental standards or plans, if the project would generate excessive groundborne vibration levels, or if ambient noise levels at sensitive receivers would be substantially increased over a permanent, temporary, or periodic basis. The following criteria were used to evaluate the significance of environmental noise and groundborne vibration resulting from the Project:

- a) Excess of Noise Standards: A significant noise impact would be identified if the project would expose persons to or generate noise levels that would exceed applicable noise standards presented in the San Mateo County General Plan or Municipal Code.
 - Operational noise at adjacent single family residential property lines is limited to the following:
 - 55 dBA L₅₀ (the sound level exceeded more than 30 minutes in any hour) between the hours of 7:00 am and 10:00 pm and 50 dBA L₅₀ between the hours of 10:00 pm and 7:00 am.
 - 60 dBA L₂₅ (the sound level exceeded more than 15 minutes in any hour) between the hours of 7:00 am and 10:00 pm and 55 dBA L₂₅ between the

hours of 10:00 pm and 7:00 am.

- 65 dBA L_8 (the sound level exceeded more than 5 minutes in any hour) between the hours of 7:00 am and 10:00 pm and 60 dBA L_{10} between the hours of 10:00 pm and 7:00 am.
- 70 dBA L_2 (the sound level exceeded more than 1 minute in any hour) between the hours of 7:00 am and 10:00 pm and 65 dBA L_2 between the hours of 10:00 pm and 7:00 am.
- 75 dBA L_{max} (the sound level exceeded more than 0 minutes in any hour) between the hours of 7:00 am and 10:00 pm and 70 dBA L_2 between the hours of 10:00 pm and 7:00 am.
- If the measured ambient level exceeds the limits above, the noise limits are increased in five dB increments in each category as appropriate.
- Noise limits are reduced by 5 dB for simple tone noises, consisting primarily of speech or music, or for recurring or intermittent impulsive noises.

- Noise generating construction activities are limited to between the hours of 7:00 am and 6:00 pm on Weekdays and 9:00 am and 5:00 pm on Saturdays, with no work occurring on Sundays or holidays, Thanksgiving, and Christmas. Government agencies can be exempted from these time limitation by stating the need to construct outside these hours in its contract, change order(s), or bid documents.

- b) Vibration Exposure: A significant impact would be identified if the project would expose persons to excessive vibration levels. Groundborne vibration levels from construction activities exceeding 0.20 in/sec PPV would result in a significant impact as such levels would have the potential to result in damage to older residential buildings.
- c) Permanent Noise Increase: San Mateo County does not define what noise level increase is considered substantial. Following standard practice, a project would result in a significant impact if the project would permanently increase existing noise levels by 5 dBA L_{dn} or more but remain below the normally acceptable noise threshold (assumed to be 55 dBA L_{dn} for residential uses based on the noise standards specified above), or permanently increase existing noise levels by 3 dBA L_{dn} or more and exceed the normally acceptable noise threshold.
- d) Temporary Noise Increase: San Mateo County does not define a temporary noise increase limit for construction. Temporary noise increases, such as those resulting from project construction activities, are treated somewhat differently than operational noise sources because the increase is not permanent. Following standard practice, a significant noise impact would be identified if construction noise levels exceeded 60 dBA L_{eq} and the ambient by 5 dBA L_{eq} or more for a period of more than 12 months.

a) Would the project result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? *Less than Significant Impact With Mitigation Incorporated.*

This section evaluates the potential for the project to generate noise levels in excess of the County's noise limits.

On-Site Construction Noise

The San Mateo County Municipal Code restricts construction activities to the hours of 7:00 am and 6:00 pm on Weekdays and 9:00 am and 5:00 pm on Saturdays, with no work occurring on Sundays or holidays, Thanksgiving, and Christmas. Government agencies can be exempted from these time limitation by stating the need to construct outside these hours in its contract, change order(s), or bid documents.

Project construction is proposed to occur within these hours. As a result, this is a **less-than-significant** impact.

Project Operational Noise

The County's Municipal Code restricts operational noise to 55 dBA L₅₀ between the hours of 7:00 am and 10:00 pm and 50 dBA L₅₀ between the hours of 10:00 pm and 7:00 am at all residential property lines or to the level of the ambient noise environment. Based on information provided, the following would be included in the project:

- Site 1 (Proposed EMC at 551 Winslow Street)
 - Remove Motor Pool and associated noise generating activities
 - Existing activities primarily indoors with operations not audible outside
 - Existing outdoor activities primarily manual with no mechanical equipment
 - Construct EMC building
 - Primarily office uses
 - Increased use during emergencies (up to 24/7)
 - Up to 33 temporary employees during emergencies
 - Rooftop HVAC
 - Below grade emergency generators
- Site 2 (Proposed Motor Pool at 752 Chestnut Street)
 - Relocation of Motor Pool and associated activities to site
 - Noise levels would be similar to existing levels measured at Site 1
 - Replacement of southern building with larger Butler Building
 - Office and storage uses
 - Replacement of storage sheds with mechanical bays
 - Outdoor compressor with sound attenuating walls and/or enclosure

Site 1 (511 Winslow Street)

The proposed EMC building would primarily house office type uses, which would not be anticipated to generate high noise levels. Noise impacts resulting from HVAC systems can vary considerably depending on the equipment selected, the system design, and the location of the equipment relative to the noise sensitive use. Noise levels from commercial HVAC systems are typically in the range of 60 to 70 dBA L_{eq} at a distance of 15 feet. The closest noise sensitive

uses (the childcare facility and residences under construction across Winslow Street) are about 150 feet from the proposed EMC building. At this distance, rooftop HVAC noise would be inaudible, below ambient sounds due to traffic along local roadways.

Two emergency generators are proposed below grade in the southern portion of the site, about 270 feet from the childcare center and 200 feet from the residences under construction across Winslow Street. Emergency operations and generators would be exempt from the County's Code during emergency operations, but would not be exempt during testing operations. Based on our experience with similar projects, generators are anticipated to be tested weekly for a period of 10 to 20 minutes during daytime hours and would generate noise levels in the range of 70 to 80 dBA at a distance of 23 feet. At a distance of 200 feet, and assuming an insertion loss of about 20 dB due to the underground location of the equipment, generator noise would be anticipated to be in the range of 51 to 61 dBA. Noise levels would be about 3 dBA lower at the childcare facility. These levels could exceed the 55 dBA L₅₀ criteria during hours when testing occurs. This is a **potentially significant** impact.

Mitigation Measure N-1: Ensure that the Site 1 emergency generators do not exceed the County's Municipal Code standards during weekly testing at any adjacent residential property line or at the childcare facility. This can be achieved through the following measures:

- All testing of the generators shall be conducted between the hours of 7:00 am and 10:00 pm on weekdays.
- The generators shall be designed to meet a combined noise level of 74 dBA or less at a distance of 23 feet from the location of the underground structure housing the generators. A combination of selecting 'quiet' equipment, locating venting away from sensitive uses, and/or using sound attenuating walls or enclosures could be used to achieve this standard.
- A project-level noise analysis, based on the final design plans, shall be prepared to identify the specific controls necessary to reduce operational noise levels to meet the standards.

The incorporation of these measures would reduce the impact to a less than significant level.

Site 2 (752 Chestnut Street)

Proposed Motor Pool activities are anticipated to be similar to activities currently occurring at the Motor Pool located at Site 1. At Site 1, existing Motor Pool operations were observed to be primarily located indoors and were not audible outside the bays during the noise monitoring survey. Outdoor activities observed during the noise monitoring survey included occasional, brief periods of truck backup alarm use and the hand washing of vehicles. Neither of these activities generated considerable noise. An outdoor compressor is proposed to be installed behind the new Butler Building, which is adjacent to residences to the south. The compressor is specified to have sound attenuating walls and/or be enclosed to mitigate noise impacts; however, the exact specifications of this piece of equipment are unavailable at this time. Without mitigation, it is possible that the compressor would exceed the Municipal Code standards. This is a **potentially significant** impact.

Mitigation Measure N-2: Ensure that noise generated by Site 2 mechanical equipment, including the proposed compressor, does not exceed the County's Municipal Code standards (55

dBA L₅₀ between the hours of 7:00 am and 10:00 pm and 50 dBA L₅₀ between the hours of 10:00 pm and 7:00 am) at any adjacent residential property line. This can be achieved through the selection of ‘quiet’ equipment, locating enclosure openings, venting, etc., away from residences, and/or the use of sound attenuating walls. A project-level noise analysis, based on the final design plans, shall be prepared to identify the specific controls necessary to reduce operational noise levels to meet the standards.

The incorporation of these measures would reduce the impact to a less than significant level.

b) Would the project result in exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels? *Less than Significant Impact.*

For structural damage, the FTA uses a construction vibration limit of 0.5 in/sec PPV for reinforced concrete, steel, or timber buildings (no plaster), 0.3 in/sec PPV for engineered concrete and masonry buildings (no plaster), 0.2 in/sec PPV for non-engineered timber and masonry buildings, and a limit of 0.12 in/sec PPV for buildings that extremely susceptible to vibration damage. The conservative building damage limit of 0.2 in/sec PPV is used in this discussion.

Construction activities would result in varying levels of groundborne vibration, depending on the equipment used, construction activities, and the location of equipment. Typically, the primary source of major construction vibration impacts for this type of project would be impact pile driving, blasting, and possibly the movement of large tracked dozers and compactors. For the EMC Project, the use of blasting, impact pile driving, and tracked dozers and compactors is not anticipated. Typical vibration levels for construction equipment at a distance of 25 feet are indicated in Table 8.

TABLE 8 Vibration Source Levels for Construction Equipment

Equipment		PPV at 25 ft. (in/sec)
Pile Driver (Impact)	upper range	1.158
	typical	0.644
Pile Driver (Sonic)	upper range	0.734
	typical	0.170
Clam shovel drop		0.202
Hydromill (slurry wall)	in soil	0.008
	in rock	0.017
Vibratory Roller		0.210
Hoe Ram		0.089
Large bulldozer		0.089
Caisson drilling		0.089
Loaded trucks		0.076
Jackhammer		0.035
Small bulldozer		0.003

Source: Transit Noise and Vibration Impact Assessment, United States Department of Transportation, Federal Transit Agency, Office of Planning and Environment, May 2006.

Based on an analysis of equipment likely to be used by contractors, vibration levels generated by project construction equipment would be below the 0.2 in/sec PPV criterion used to assess the potential for cosmetic or structural damage to nearby buildings within a distance of 25 feet. There are no existing structures located within 25 feet of proposed construction activities. As such, structural damage on the surrounding structures would not be expected. This is a **less-than-significant** impact.

Mitigation Measures: None Required

c) Would the project result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? *Less than Significant Impact With Mitigation Incorporated.*

The project would be considered to result in a significant impact if the project would permanently increase existing noise levels by 5 dBA or more but remain below the normally acceptable noise threshold (55 dBA L_{dn} for residential uses), or permanently increase existing noise levels by 3 dBA or more and exceed the normally acceptable noise threshold.

On-site Operations

Based on noise monitoring conducted for this study (see discussion under Existing Noise Environment), ambient noise levels at the childcare facility and adjacent residences under construction nearest Site 1 were calculated to be 61 to 66 dBA L_{dn}, based on their proximity to Winslow Street and Brewster Avenue. Ambient noise levels at residences nearest Site 2 were calculated to be 50 to 64 dBA L_{dn}, depending on their proximity to local roadways.

Operational noise was described in Item a) with respect to the applicable local limits contained in the San Mateo County Municipal Code. As described in Item a), new operational activities at Site 1 would not be anticipated to be audible during daytime or nighttime hours at the adjacent childcare facility or residences under construction. At Site 2, proposed operational activities are not anticipated to increase noise levels by more than 1 dBA L_{dn} above existing levels, which the possible exception of the proposed compressor, as described in Item a). **Mitigation Measure N-1** would reduce this impact to a less-than-significant level.

Project Traffic

The County Public Works Department determined that a traffic study was not warranted for this project and thus, a traffic study was not prepared. Due to the proximity of the two sites to each other, the relocation of the Motor Pool from Site 1 to Site 2 is not anticipated to generate any substantial changes in traffic volumes or patterns. During emergency operations, up to 33 additional staff would utilize the EMC Building; however, emergency operations would typically be exempt from the County's standards and this small increase in vehicles would not be anticipated to substantially increase traffic noise levels on the roadway network. This is a **less-than-significant** impact.

Mitigation Measures: None Required.

d) Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? *Less than Significant Impact.*

Item a) evaluated construction noise with regard to applicable local limits contained in the San Mateo County Municipal Code. The discussion below evaluates the noise impacts resulting from project construction activities when compared to ambient noise conditions. Typically, construction activities would be considered to result in a significant temporary noise increase if noise generating activities would occur for longer than 12-months and noise levels are anticipated to exceed 60 dBA L_{eq} and the ambient by 5 dBA L_{eq} or more at nearby noise sensitive receptors.

Construction equipment noise varies greatly depending on the construction activity performed, type and specific model of equipment, and the condition of equipment used. Noise impacts resulting from construction depend on the noise generated by various pieces of construction equipment, the timing and duration of noise generating activities, the distance between construction noise sources and noise sensitive receptors, any shielding provided by intervening barriers or structures, and existing ambient noise levels.

Construction noise levels would vary by phase and vary within phases based on the amount of equipment in operation and location where the equipment is operating. Typical construction noise levels at a distance of 50 feet are shown in Tables 9 and 10. Table 9 shows the average noise level range by construction phase and Table 10 shows the maximum noise level range for different construction equipment. Table 9 levels are consistent with construction noise levels calculated for the project using the Federal Highway Administration’s (FHWA) Roadway Construction Noise Model (RCNM), including the anticipated equipment that would be used for each phase of the project. Most demolition and construction noise is in the range of 80 to 90 dBA at a distance of 50 feet from the source.

TABLE 9 Typical Ranges of Construction Noise Levels at 50 Feet, dBA L_{eq}

	Domestic Housing		Office Building, Hotel, Hospital, School, Public Works		Industrial Parking Garage, Religious Amusement & Recreations, Store, Service Station		Public Works Roads & Highways, Sewers, and Trenches	
	I	II	I	II	I	II	I	II
Ground Clearing	83	83	84	84	84	84	84	84
Excavation	88	75	89	79	89	89	88	78
Foundations	81	81	78	78	77	77	88	88
Erection	81	65	87	75	84	84	79	78
Finishing	88	72	89	75	89	89	84	84

I - All pertinent equipment present at site, II - Minimum required equipment present at site.

Source: U.S. EPA., Legal Compilation on Noise, Vol. 1, p. 2-104, 1973.

TABLE 10 Construction Equipment 50-foot Noise Emission Limits

Equipment Category	L_{max} Level (dBA)^{1,2}	Impact/Continuous
Arc Welder	73	Continuous
Auger Drill Rig	85	Continuous
Backhoe	80	Continuous
Bar Bender	80	Continuous
Boring Jack Power Unit	80	Continuous
Chain Saw	85	Continuous
Compressor ³	70	Continuous
Compressor (other)	80	Continuous
Concrete Mixer	85	Continuous
Concrete Pump	82	Continuous
Concrete Saw	90	Continuous
Concrete Vibrator	80	Continuous
Crane	85	Continuous
Dozer	85	Continuous
Excavator	85	Continuous
Front End Loader	80	Continuous
Generator	82	Continuous
Generator (25 KVA or less)	70	Continuous
Gradall	85	Continuous
Grader	85	Continuous
Grinder Saw	85	Continuous
Horizontal Boring Hydro Jack	80	Continuous
Hydra Break Ram	90	Impact
Impact Pile Driver	105	Impact
Insitu Soil Sampling Rig	84	Continuous
Jackhammer	85	Impact
Mounted Impact Hammer (hoe ram)	90	Impact
Paver	85	Continuous
Pneumatic Tools	85	Continuous
Pumps	77	Continuous

Equipment Category	L_{max} Level (dBA)^{1,2}	Impact/Continuous
Rock Drill	85	Continuous
Scraper	85	Continuous
Slurry Trenching Machine	82	Continuous
Soil Mix Drill Rig	80	Continuous
Street Sweeper	80	Continuous
Tractor	84	Continuous
Truck (dump, delivery)	84	Continuous
Vacuum Excavator Truck (vac-truck)	85	Continuous
Vibratory Compactor	80	Continuous
Vibratory Pile Driver	95	Continuous
All other equipment with engines larger than 5 HP	85	Continuous

Notes:

¹ Measured at 50 feet from the construction equipment, with a “slow” (1 sec.) time constant.

² Noise limits apply to total noise emitted from equipment and associated components operating at full power while engaged in its intended operation.

³ Portable Air Compressor rated at 75 cfm or greater and that operates at greater than 50 psi.

The highest noise levels would be generated during demolition, site preparation, excavation, grading, and trenching. Noise generated during construction of structures is generally lower. Once construction moves indoors, minimal noise would be generated at off-site locations. During construction, maximum noise levels would vary depending on the equipment operating on site. The typical range of maximum noise levels would be 80 to 90 dBA L_{max} at a distance of 50 feet. Hourly average noise levels generated by construction are about 81 dBA to 88 dBA L_{eq} measured at a distance of 50 feet from the center of a busy construction site. Hourly average construction noise levels associated with the erection of the project buildings would be anticipated to range from approximately 63 to 71 dBA at a distance of 50 feet. The noise levels associated with construction of the project buildings would be substantially less than the noise levels associated with demolition, grading, and pavement activities during project site preparation.

Noise sensitive properties closest to Site 1 include the childcare facility and residences under construction across Winslow Street, both located about 150 feet from the location of the proposed EMC Building. At Site 2, residences are located directly adjacent to the project site. Construction noise levels typically drop off at a rate of about 6 dBA per doubling of distance. Noise levels at a distance of 150 feet would be about 10 dBA lower than those specified above and in Tables 9 and 10. Shielding provided by barriers or structures can provide an additional 5 to 10 dBA noise reduction at distant receptors.

Construction would occur within the allowable hours under the County’s municipal code. The duration of construction is anticipated to be about 14 months at Site 1 and about 6 months at Site

2. At Site 1, existing daytime noise levels range from about 55 to 65 dBA L_{eq} at nearby noise sensitive land uses (childcare facility and residences under construction across Winslow Street). Construction noise levels are anticipated to be 71 dBA to 78 dBA L_{eq} at the sensitive uses during periods of heavy construction. Noise levels would be substantially lower during building construction and when construction is moved indoors. Although construction noise is anticipated to exceed 60 dBA L_{eq} and the ambient by 5 dBA L_{eq} or more at nearby noise sensitive receptors during periods of heavy construction such as demolition and site preparation, these higher noise levels are not anticipated to occur for a period greater than 12 months. Construction at Site 2 would exceed 60 dBA L_{eq} and the ambient by 5 dBA L_{eq} or more at nearby noise sensitive receptors; however, construction is anticipated to be completed within 6 months. As a result, this would be considered a **less-than-significant** impact, assuming the following list of 'best practices' is included in the project:

- Per San Mateo County's Municipal Code, construction activities and noise generating construction activities shall be limited to between the hours of 7:00 am and 6:00 pm on Weekdays and 9:00 am and 5:00 pm on Saturdays, with no work occurring on Sundays or holidays, Thanksgiving, and Christmas. If construction is necessary outside of these hours, the County shall state the need to construct outside these hours in its contract, change order(s), or bid documents.
- Prohibit unnecessary idling of internal combustion engines. Equip all equipment driven by internal combustion engines with mufflers which are in good mechanical condition, appropriate for the equipment, and no less effective than those originally installed by the manufacturer.
- Utilize "quiet" air compressors and other stationary noise sources where technology exists.
- Locate stationary noise-generating equipment such as air compressors or portable power generators as far as possible from sensitive receptors and place equipment so that emitted noise is directed away from nearby sensitive receptors.
- Construct temporary noise barriers, where feasible, to screen stationary noise-generating equipment when located within 200 feet of adjoining sensitive land uses. Temporary noise barrier fences would provide a 5 dBA noise reduction if the noise barrier interrupts the line-of-sight between the noise source and receiver and if the barrier is constructed in a manner that eliminates any cracks or gaps.
- Control noise from construction workers' radios to a point where they are not audible at existing residences bordering the project site.
- Notify all neighbors located adjacent to the construction site of the construction schedule in writing.
- Designate a "disturbance coordinator" who would be responsible for responding to any local complaints about construction noise. The disturbance coordinator will determine

the cause of the noise complaint (e.g., starting too early, bad muffler, etc.) and instituting reasonable measures as warranted to correct the problem. Conspicuously post a telephone number for the disturbance coordinator at the construction site and include it in the notice sent to neighbors regarding the construction schedule.

Mitigation Measures: None Required.