

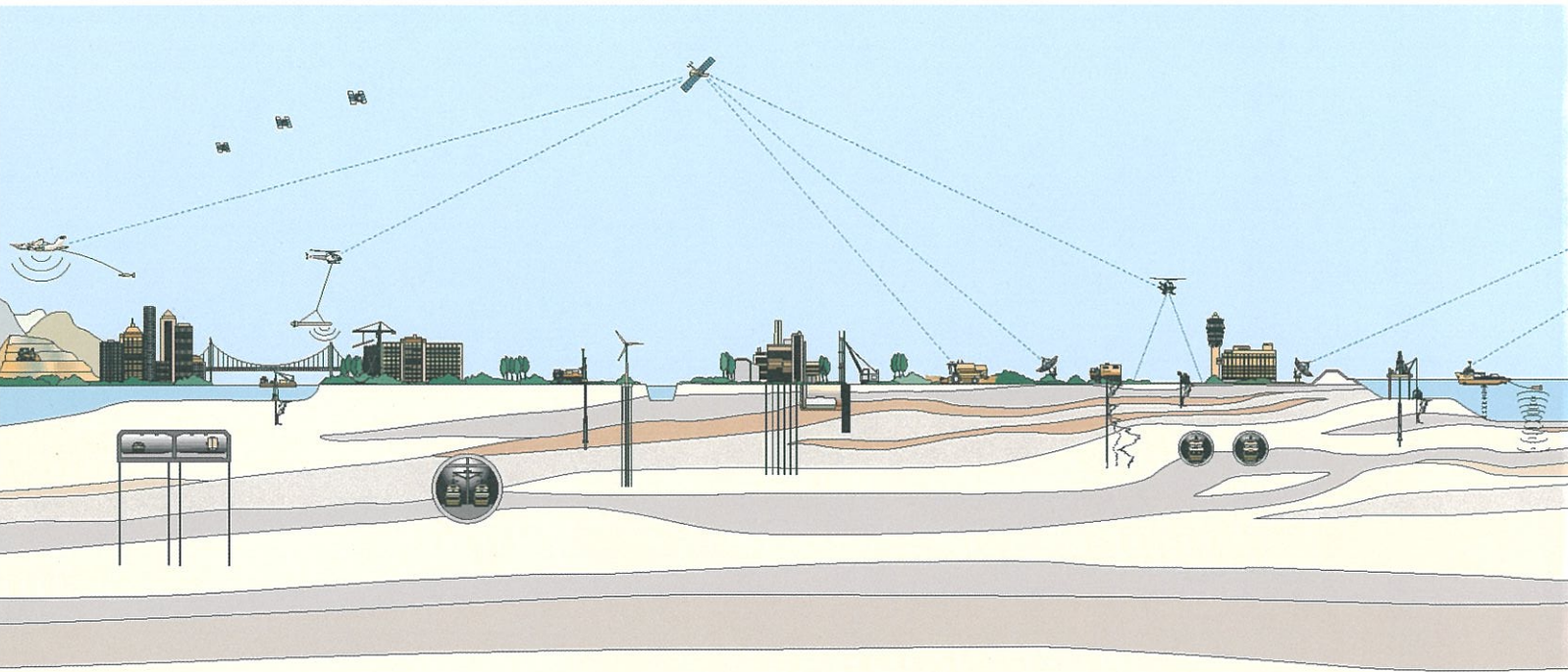
Appendix L

**Phase I Environmental Site Assessment,
Proposed I-880 to 238 East-West Connector**

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT
PROPOSED I-880 TO 238 EAST-WEST CONNECTOR
ALAMEDA COUNTY, CALIFORNIA**

Prepared for:
T.Y. LIN INTERNATIONAL

August 2008
Fugro Project No. 3303.003





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August 20, 2008
Project No. 3303.003

T.Y. Lin International
1111 Broadway, Suite 2150
Oakland, California 94607

Attention: Mr. Francis Lo

Subject: Phase I Environmental Site Assessment Report, Proposed I-880 to 238
East-West Connector, Alameda County, California

Dear Mr. Lo:

Fugro West, Inc. is pleased to present this Phase I Environmental Site Assessment (ESA) Report for the proposed I-880 to 238 East-West Connector located in Alameda County, California. Findings, opinions, conclusions and recommendations provided herein are based upon applicable standards of our profession at the time this report was prepared. We thank you for providing us the opportunity to be of continued service to T.Y. Lin International. If you should have any questions or require additional information on this ESA, please call the undersigned at (510) 268-0461.

Sincerely,

FUGRO WEST, INC.

A handwritten signature in black ink, appearing to read "Karen A. Emery".

Karen A. Emery
Project Geologist



A handwritten signature in black ink, appearing to read "Jeriann N. Alexander".

Jeriann N. Alexander, P.E., R.E.A.
R.E.A. No. 03130 (exp. 7/09)
Civil Engineer 40469 (exp. 3/09)



KAE/JNA:rh

Copies Submitted: (4 and 1 PDF on CD) Addressee



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1.0 EXECUTIVE SUMMARY

This report presents the results of a Phase I Environmental Site Assessment (ESA) conducted by Fugro West, Inc. (Fugro) for the proposed Interstate 880 (I-880) to State Route 238 East-West Connector in Alameda County, California (Alignment). Fugro completed this ESA at the request of T.Y. Lin International for Alameda County Transportation Authority (ACTA) in accordance with our proposal dated February 2007. Fugro conducted this ESA in general conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Standards E 1527-05. Any significant exceptions or deviations from these standards are described in Section 11.0

Based on information obtained from ACTA, the proposed Alignment would improve east-west access between I-880 and Mission Boulevard (State Route 238) by constructing a new roadway segment, widening two existing roadways, and making other improvements to the Alignment as follows: a 0.9 mile segment of the existing Decoto Road (from Cabrillo Court on the west to Paseo Padre Parkway on the east) would be widened from four lanes to six lanes, a 0.4 mile segment of the existing Paseo Padre Parkway (from Decoto Road on the north to near Tamayo Street on the south) will be widened from four to six lanes, and a new 1.3 mile roadway segment would be constructed with four lanes and would extend from Paseo Padre Parkway to the intersection of Mission Boulevard and Appian Way.

The Alignment is located in a transitional area of growth. Land uses in the vicinity of the Alignment are mixed residential and commercial properties, open space, protected creek watersheds, and agricultural fields.

The Alignment extends through the former Pacific States Steel Corporation (PSSC) property and is adjacent to several sites listed in regulatory agency databases.

This assessment has revealed no evidence of recognized environmental conditions in connection with the Alignment, except as follows:

- The Newark Aquifer constitutes a major drinking water source for residents of Fremont, Newark, and Union City; therefore the Alameda County Water District (ACWD) has made a requirement on the final vertical depth of cut for the Alignment to preserve the boundary between the Newark Aquifer and the Newark Aquiclude. ACWD requires that a minimum of five feet of Newark Aquiclude material remain undisturbed above the aquifer boundary.
- Watersheds and sensitive habitats exist within the area of the Alignment and impacts to these zones need to be minimized during construction. Construction work should be coordinated with regulatory agencies to minimize impacts associated with invasive activities.
- TPH impacted soils were encountered on the former PSSC property and remnant concentrations may coincide with construction elements of the Alignment. Excavation of the TPH impacted soil was previously restricted by the ACWD to a



vertical depth corresponding to an elevation of 10 feet MSL. Since the proposed Alignment situated within this area consists of a depressed section excavated to an elevation of approximately 16 feet MSL, the residual TPH impacted soil will likely be left in place.

- Historically, land uses in the area of the Alignment were agricultural based; therefore shallow soils may contain remnant concentrations of agricultural chemicals from past applications. In addition, agricultural improvements including water production wells, buried pipelines, and drainage systems may also exist.
- Shallow soils may contain aurally deposited lead from historic automobile and/or industrial business emissions in the area.
- The Alignment crosses under two Union Pacific Railroad right-of-ways (ROWs). Typically, railroad ROWs are viewed as potential areas of soil contamination due to the presence of petroleum or chemical conveyance pipelines within the ROW easement, due to weed abatement practices, or due to spills. Although no indication of long term surface releases nor pipeline conveyances were observed within the Alignment area, other potential contaminants could be present within the surficial soil.
- The Alignment extends through two detention basins. Storm water detention basin sediments may contain elevated concentrations of storm water contaminants including petroleum hydrocarbons and heavy metals.

With respect to the future construction activities for the Alignment, Fugro provides the following recommendations.

- The East-West Connector Project will involve disturbing existing shallow soil conditions within the right-of-way as well as encountering subsurface soil and groundwater where improvements extend below the surface. As a result, a Soil and Groundwater Management Plan should be developed to address potential impacts that may be encountered during construction.
- Agricultural wells and other improvements may be encountered within the Alignment during construction activities. These wells and improvements should be properly abandoned or removed. Information obtained from the ACWD indicates that abandonment of each agricultural well/improvement will need to be handled on a case-by-case basis in accordance with Department of Water Resource (DWR) guidelines and ACWD specifications.
- Results of this report should be provided to the design team. Findings from this report should be used to develop a site-specific Health & Safety Plan (HSP) that should be implemented to notify workers of the chemicals potentially located in soil and groundwater. The HSP should be reviewed and approved by a certified industrial hygienist.



2.0 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (ESA) conducted by Fugro West, Inc. (Fugro) for the proposed I-880 to State Route 238 East-West Connector located in Alameda County, California (Alignment). Fugro completed this ESA at the request of T.Y. Lin International for Alameda County Transportation Authority (ACTA) in accordance with our proposal dated February 2007. Fugro conducted this ESA in general conformance with the scope and limitations of ASTM Standards E 1527-05. Any significant exceptions or deviations from these standards are described in Section 11.0 of this report.

Based on information obtained from ACTA, the proposed Alignment would improve east-west access between I-880 and Mission Boulevard (State Route 238) by constructing a new roadway segment, widening two existing roadways, and making other improvements to the Alignment as follows: a 0.9 mile segment of the existing Decoto Road (from Cabrillo Court on the west to Paseo Padre Parkway on the east) would be widened from four lanes to six lanes, a 0.4 mile segment of the existing Paseo Padre Parkway (from Decoto Road on the north to near Tamayo Street on the south) will be widened from four to six lanes, and a new 1.3 mile roadway segment would be constructed with four lanes and would extend from Paseo Padre Parkway to the intersection of Mission Boulevard and Appian Way. The location of the proposed Alignment is shown on the Vicinity Map (Plate 1) and Site Plan (Plate 2). Ground level photographs of the Alignment area taken during the reconnaissance are included in Appendix A.

The Environmental Professional charged with conducting this Phase I ESA and preparing this report was Ms. Jeriann Alexander, P.E., R.E.A. The scope of services for this Phase I ESA includes the tasks outlined below:

1. Reviewing information provided by the client;
2. Conducting a reconnaissance of the Alignment and surrounding properties, including those visits conducted by the Environmental Professional with responsible charge of this specific ESA, to visually check for indications of land use, storage and use of hazardous substances materials, and chemicals, petroleum products, and other controlled/permitted substances;
3. Reviewing a local, state, and federal regulatory agency database report listing properties with documented hazardous materials releases in the area;
4. Reviewing historical aerial photographs, topographic maps, and fire department records in the attempt to construct a land use history of the Alignment;
5. Contacting other pertinent offices, departments, and information sources which become apparent from the research and are necessary to complete our understanding of Alignment use; and
6. Developing attachments to support the research conducted and the findings presented in the report.



The scope of services did not include reviewing chain-of-title reports, environmental liens, or Activity Use Limitations (AULs) for any of the parcels included within the Alignment. Past property owners were also not interviewed as a part of this study. Our services are subject to the limitations included in Section 12.0 of this report.

3.0 PURPOSE AND SCOPE OF USE

The purpose of the Phase I ESA is to identify potential recognized and historical recognized environmental conditions associated with the past and/or present use, generation, storage, or disposal of hazardous materials and/or wastes at nearby properties judged to have a potential to affect construction workers. This ESA was conducted in general conformance with the scope and limitations set forth in Standard ASTM E1527-05, Standard Practice for Environmental Site Assessments. The ASTM Standard defines good commercial and customary practice in the United States for conducting an ESA of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum hydrocarbons. As such, ASTM E 1527-05 is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability: that is, the practices that constitute ***“all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice”*** as defined in 42 USC [section] 9610(35)(B). The Environmental Protection Agency (EPA) published their final “All Appropriate Inquiry” (AAI) ruling in November 2005, with an effective date of November 2006. The EPA ruling indicates that parties attempting to satisfy the 2006 statutory requirements for conducting AAI may follow the newly revised ASTM E 1527-05 Standard Practice.

The use of Standard ASTM E1527-05 is not limited to CERCLA and/or commercial real estate. It is designed to assist a user in developing information about the general environmental condition of a property. Consistent with good or customary practice, Fugro used these standards to develop and implement the investigation of known sources of information available, and the preliminary investigation of identified recognized and historically recognized environmental conditions for the proposed I-880 to 238 East-West Connector.

Fugro acknowledges that this report will be relied upon by T.Y. Lin International and ACTA, and copies of the report may be delivered to their respective agents, consultants, attorneys, successors, assigns, and participants, for the time frame of 12 months from the date of the report without the express written consent of Fugro West, Inc.

4.0 ALIGNMENT DESCRIPTION AND LOCATION

The Alignment encompasses approximately 3 miles of right-of-way (ROW) designated land beginning in northern Fremont and extending into Union City in Alameda County, California. The Alignment can be located on the 1947 United States Geological Survey (USGS) Newark Quadrangle, 7.5-minute series beginning in Township 4 South, Range 2 West, Section 25 and ending in Township 4 South, Range 1 West, Section 20. The Alignment can also be



found on the Thomas Guide for Bay Area Metro Guide (2008), beginning at page 752, E-2 and ending at page 732, H-6.

For the purposes of this report, the Alignment has been divided into three segments as described below:

Decoto Road Segment: Begins in the City of Fremont, and is comprised of the existing Decoto Road ROW, from the intersection of Cabrillo Court and Decoto Road on the west to the intersection of Paseo Padre Parkway and Decoto Road on the east.

Paseo Padre Parkway Segment: This portion of the Alignment is comprised of the existing Paseo Padre Parkway, from the intersection of Decoto Road and Paseo Padre Parkway on the north, extending approximately 2,000 feet south on Paseo Padre Parkway to the open space near Alameda Creek.

Open Space – Former PSSC Segment: This segment of the Alignment consists of open space, agricultural fields, creek watersheds, and the PSSC property. It begins at Paseo Padre Parkway near open space alongside a flood control channel. Between Paseo Padre Parkway and Alvarado-Niles Road, the Alignment extends through open space and crosses the Alameda County Flood Control Channel, as well as Alameda Creek and the Alameda Creek Regional Trail at two locations. The Alignment continues into Union City as it will cross Bay Area Rapid Transit (BART) tracks and Union Pacific Railroad (UPRR) tracks located between Alvarado-Niles Road and Seventh Street in Union City. The Alignment will cross two storm water detention basins, the first located within the former PSSC Phase III site and the second within the former PSSC Phase II site, located south of the existing City of Union City Corporation Yard. The Alignment then crosses the Alameda County Flood Control District Line M Channel and ends at the intersection of Mission Boulevard and Appian Way.

As part of the widening and construction of the Alignment, additional roadway improvements will also be conducted on Cabrillo Court, Fremont Boulevard, Wyndham Drive, Quarry Lakes Drive, Osprey Drive, Eleventh Street, Seventh Street, Chesapeake Drive, and Mission Boulevard.

4.1 ALIGNMENT AND VICINITY GENERAL CHARACTERISTICS

Approximately 2.3 miles of the Alignment is located in the City of Fremont and is situated within residential and mixed commercial properties, and open space comprising vacant grassy areas, creek watersheds, and agricultural fields. The remaining 0.6 miles of the Alignment is located in the City of Union City and is also situated within a growing residential and commercial area. The area of the Alignment is generally flat with the exception of creek and channel crossings, stormwater basins, and railroad/track/roadway crossings.

4.2 CURRENT LAND USES

The land use along the proposed Alignment consists primarily of existing city streets, open space, existing agricultural properties, and two detention basins. The Decoto Road



Segment of the Alignment (from Cabrillo Court to Paseo Padre Parkway) and the Paseo Padre Parkway Segment (from Decoto Road to open space) extends through growing residential and mixed commercial land use properties. The Open Space – PSSC Segment of the Alignment extends through open space, creek watersheds, agricultural fields, vacant former industrial properties, and adjacent growing residential areas.

4.3 DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS

The Alignment consists of existing streets and open areas. Currently, Decoto Road and Paseo Padre Parkway are four lane streets that will be eventually widened to six lanes. A new four-lane roadway will be constructed through the open areas and will cross existing creek alignments, storm water culverts, and channels. Additionally, east of Alvarado-Niles Road, the Alignment will cross under bridges for the BART and UPRR tracks, as well as for Green Street. In the vicinity of where the proposed Seventh Street improvements are planned there is a LNG fueling station. Based on information obtained from T.Y. Lin, we understand that the LNG fueling station will be relocated outside of the Alignment as part of this project.

4.4 CURRENT USES OF ADJOINING PROPERTIES

Fugro conducted a visual inspection of adjacent properties from public streets. Adjacent properties are currently used for single and multi-family residential purposes, commercial purposes, and recreational trails. Properties immediately adjacent to the Alignment include the following uses:

- Decoto Road Segment: The north side of the Alignment between Cabrillo Court and Paseo Padre Parkway consists of multi-family and single-family residential subdivisions, a church, commercial buildings, single-family residences, and a newer residential development. The south side of the Alignment consists of a residential subdivision development, a shopping center, a gasoline station, single-family residences, a nursery, an automotive repair facility, a used car lot, and an older residential development. A storm water channel/creek extends generally parallel to the south side of the adjacent parcels and intersects the Alignment at Decoto Road.
- Paseo Padre Parkway Segment: The west side of the Alignment is bordered by the residential subdivision development observed south of the Decoto Road Segment and open space. East of the Alignment is the Alameda County Flood Control Channel, the Alameda Creek Regional Trail and a small residential area.
- Open Space – Former PSSC Segment: The north side of the Alignment between Paseo Padre Parkway and Alvarado-Niles Road is bordered by a residential development, open space, the Alameda County Flood Control Channel, portions of Alameda Creek, agricultural fields, and the Alameda Creek Regional Trail. The north side of the Alignment between Alvarado-Niles Road and the UPRR tracks is the former location of the City of Union City Corporation Yard and the former PSSC property. South of the Alignment is a residential development which was the former location of the Kraftle Facility. Between the UPRR tracks and the intersection of Mission Boulevard and Appian Way to the north, a dog park, a residential



development, and the current City of Union City Corporation Yard. South of the Alignment is the Park Ridge Phase II and III residential development. Also located further to the south are the groundwater basin recharge ponds (Quarry Lakes Regional Recreation Area).

5.0 ENVIRONMENTAL SETTING

5.1 TOPOGRAPHY

Topography over the entire Alignment is relatively flat. On the west side of the Alignment, beginning at the Decoto Road Segment, the elevation is approximately 25 feet MSL. Surface elevations along the Alignment then increase to approximately 50 feet MSL at the end of the Open Space – Former PSSC Segment.

5.2 GENERAL GEOLOGIC SETTING

According to the Geologic Map titled *Preliminary Geologic Map Emphasizing Bedrock Formations in Alameda County, California*, (Graymer, Jones, and Brabb, 1996), the Alignment is mapped as Holocene and Pleistocene aged undivided surficial deposits (Qu).

The map titled *Quaternary Geology of Alameda County, and parts of Contra Costa, Santa Clara, San Mateo, San Francisco, Stanislaus, and San Joaquin Counties, California*, prepared by Helley, et.al., maps the materials under the Alignment as three separate Quaternary deposits. Holocene-aged (0-10,000 years before present) floodplain deposits (Qhfp) underlie the Decoto Road and Paseo Padre Parkway Segments on the west side of the Alignment. The floodplain deposits are described as less than one-meter thick and consist of rounded gravel and historic artifacts in a clayey silt matrix.

The center portion of the Alignment near Alameda Creek (beginning of the Open Space – Former PSSC Segment) is mapped as being underlain by Holocene-aged natural levee deposits (Qhl) that are described as loose, moderately to well-sorted sandy or clayey silt grading to sandy or silty clay. These deposits are permeable. Levee deposits border creek channels, usually both banks, and slope away to flatter floodplains and/or basins. The natural levee deposits are most likely associated with meanderings of Alameda Creek.

The east side of the Alignment (east side of the Open Space – Former PSSC Segment) is mapped as being underlain by Holocene-aged alluvial fan deposits (Qaf) that are described as medium dense to dense, gravely sand or sandy gravel that generally grades to sandy or silty clay. Near distal fan edges, the deposits comprise medium dense sand that grades to sandy or silty clay. The alluvial fan deposits underlying the Alignment probably originated from Niles Canyon to the east. Based on a review of the report, *Report of Results of Additional Site Characterization: Phase 2, 34900 Alvarado-Niles Road, Union City, California*, prepared by Erler & Kalinowski, Inc. (EKI), dated February 13, 2006, this portion of the Alignment is underlain by clay and silt deposits with localized zones of interbedded sands. The sandy beds, which range from a few inches to six inches thick, contain varying amounts of fines (primarily silt) and tend to



be continuous. The sand beds occur in two zones, one ranging from 20 to 25 feet bgs and the other ranging from 30 to 35 feet bgs.

5.3 NILES CONE GROUNDWATER BASIN

The Niles Cone Groundwater Basin is an alluvial aquifer system consisting of unconsolidated gravel, sand, silt, and clay. The Hayward Fault, located approximately 600 feet east of the intersection of Mission Boulevard and Appian Way, divides the Niles Cone Groundwater Basin. The Hayward Fault is an active strike-slip fault with low permeability that impedes the lateral flow of groundwater. The Niles Cone Groundwater Basin is further divided into the "Above Hayward Fault (AHF)" and the "Below Hayward Fault (BHF)" sub-basins. The Alignment will extend through the BHF sub-basin. According to information obtained from the ACWD, on average about 40% of the total water supplied to the residents of Fremont, Newark, and Union City comes from the Niles Cone Groundwater Basin.

The shallowest regional aquifer in the Niles Cone Groundwater Basin is the Newark Aquifer, which is an extensive permeable gravel and sand layer typically encountered between 40 and 140 feet bgs, except in the forebay (Quarry Lakes) where it is at the surface. Active recharge of the Newark Aquifer occurs at the Quarry Lakes Recharge Ponds and to a lesser extent within the reaches of Alameda Creek. The thickness of the aquifer ranges from 20 feet at the western edge to more than 140 feet at the Hayward Fault (DWR, 1968). According to the report, *Final Groundwater Monitoring Sampling Report First Quarter 2007, Pacific States Steel Corporation Plant Site, Union City, California*, prepared by Shaw Environmental, Inc. and dated April 26, 2007, the depth to the first encountered Newark Aquifer groundwater beneath the former PSSC property is approximately 33.5 feet bgs (Monitoring Well MW-19b).

The Newark Aquifer is overlain in most of the sub-basin areas by a thick layer of silt and clay called the Newark Aquiclude. Within the aquiclude are small lenses of sand and silt that comprise a non-regional shallow water-bearing zone. Since the aquifer constitutes a major drinking water source the ACWD has made a requirement on the final depth of cut for the Alignment to preserve the boundary between the Newark Aquifer and the Newark Aquiclude. ACWD has stated that a minimum of five feet of Newark Aquiclude material is required to remain undisturbed above the aquifer boundary.

5.4 SURFACE WATER

The nearest natural surface water body is Alameda Creek. The proposed location of the Alignment will cross the creek in several locations.

5.5 WATER WELLS

Based on information obtained from the Environmental Data Resources (EDR) Well Search Report (Appendix B), no state water wells or public supply wells were identified within a 0.25-mile radius of the Alignment. Two federally-listed wells were identified within a 0.25 mile of the Alignment and are summarized below:



USGS-004S001W19E002M – Located approximately 0.25 miles south of the Alignment. This well was constructed on 12/2/1983 with a reported depth of 147 feet bgs. One measurement was recorded for this well on 5/1/2002. The depth to water was reported at 19.92 feet bgs.

USGS-004S002W24L006M – Located approximately 0.06 miles northwest of the Alignment. This well was constructed on 01/13/1959 with a reported depth of 324 feet bgs. No measurements were recorded for this well.

Preliminary information obtained from the ACWD indicates that at least one agricultural well exists within a field south of the Alignment and west of Quarry Lakes Drive. According to the ACWD, several wells were at one time present at this location but some may have been destroyed. Ms. Michelle Myers with the ACWD stated that their records indicate the presence of one irrigation well (ID # 4S1W18K002) in this location as early as 1959. Ms. Myers stated that the well has a 10-inch diameter casing and a measured depth of 130 feet bgs. Fugro observed a former well feature in the approximate location described by the ACWD for the irrigation well. The locations of the two federal wells and the agricultural well are illustrated on Plate B-1.

6.0 USER PROVIDED INFORMATION

6.1 TITLE REPORT

No chain of title search was conducted as a part of this study.

6.2 ENVIRONMENTAL LIENS OR ACTIVITY USE LIMITATIONS

No environmental liens or Activity Use Limitation (AULs) searches were conducted as a part of this study.

6.3 SPECIALIZED KNOWLEDGE

No specialized knowledge was provided as a part of this study.

6.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

No commonly known or reasonably ascertainable information was provided as a part of this study.

6.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Not applicable for the purpose of this study.

6.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

Not applicable for the purpose of this study.



6.7 REASON FOR PROVIDING PHASE I ESA

The purpose of this Phase I ESA is to provide general information regarding recognized environmental conditions of adjacent properties that could pose a risk to workers during construction of the Alignment. Information contained in this Phase I ESA will be used to assist with the development of a portion of the Environmental Impact Report (EIR) for the proposed Alignment.

7.0 RECORDS REVIEW

The following sections summarize Fugro's review of records for the Alignment.

7.1 TOPOGRAPHIC AND SURFACE MAPS

Fugro reviewed topographic maps from 1947 and 1978 (photorevised 1998). Copies of the referenced topographic maps are included in Appendix C.

The 1947 USGS Topographic Map of the Newark Quadrangle showed a major thoroughfare along Decoto Road. Crandall Creek was mapped crossing the proposed Alignment in the vicinity of the future intersection of Decoto Road and Cabrillo Court. Several small structures were mapped along Decoto Road and within the surrounding agricultural fields. From Decoto Road the Alignment turns south, crossing agricultural land (eventual location of Paseo Padre Parkway). Alameda Creek, Niles Road, and Western Pacific Railroad are all shown, as well as the PSSC property with several large structures. A pond is mapped north of the largest building on the PSSC property. Additionally, the Southern Pacific Railroad is mapped east of the PSSC site. Seventh Street and Mission Boulevard (State Route 238), are also mapped as major thoroughfares. Land use surrounding the Alignment primarily consists of agricultural land, rural agricultural properties, and industrial properties.

The 1978 USGS Topographic Map of the Newark Quadrangle (photo revised 1998) showed a majority of the proposed Alignment to consist of existing major thoroughfares (Decoto Road, Fremont, Boulevard, Paseo Padre Parkway, and Mission Boulevard). Alameda County Flood Control Channel and Alameda Creek are shown in their current locations. Alvarado-Niles Road and two sets of tracks (presently BART and Union Pacific Railroad) are also present. The PSSC property is mapped as a "Steel Plant". East of the PSSC property, the Alignment intersects Seventh Street and ends at Mission Boulevard, which is mapped as a four-lane road. Land use surrounding the Alignment is predominately residential and commercial/industrial properties.

Fugro was informed by EDR that no Sanborn Map coverage was available for the Alignment and the general vicinity.

7.2 AERIAL PHOTOGRAPHS

Fugro reviewed historic aerial photographs of the proposed location of the Alignment and the general vicinity from Pacific Aerial Survey archives. The aerial photographs that were



reviewed included the following years and scales: 1954 (1:10000), 1959 (1:9600), 1963 (1:36000), 1969 (1:12000), 1975 (1:12000), 1987 (1:7200), 1992 (1:12000), 1996 (1:12000), 1999 (1:12000), and 2004 (1:13333). Fugro also reviewed a recent aerial photograph (Date Unknown, Scale 1"=200') provided by T.Y. Lin International.

Fugro observed the photographs for changes in land use within the area of the Alignment and general vicinity, and features that may indicate the use, storage, spillage, and/or disposal of hazardous materials or wastes. Copies of the referenced aerial photographs for 1954, 1963, 1975, and 1996 are included in Appendix D.

The 1954 aerial photograph shows the area where Cabrillo Court crosses Decoto Road as agricultural land. An old creek (Crandall Creek) is observed crossing Decoto Road. A commercial property was observed at the intersection of the old creek and the south side of Decoto Road. Commercial properties (potentially automotive repair and gasoline stations) were observed at the intersection of Decoto Road and Fremont Boulevard. The Alignment then crosses Fremont Boulevard and passes through a combination of commercial and residential properties. Rural agricultural properties, orchards, and row crops were observed at properties along Decoto Road. The Alameda County Flood Control Channel and Paseo Padre Parkway are not present at this time. From Decoto Road, the Alignment proceeds south and eventually crosses Alameda Creek, additional agricultural fields, and rural agricultural properties. Agricultural well improvements are visible within the vicinity of the Alignment. The Alignment then crosses agricultural land (possibly row crops), Alvarado-Niles Road (Old Niles Road), and the Western Pacific Railroad (current BART and UPRR), which consists of multiple tracks. The Alignment then passes through the PSSC property, which is comprised of numerous buildings and a detention pond. The detention pond appears to be located north of the Alignment. The Alignment then crosses the UPRR right-of-way, which consists of multiple lane tracks, and agricultural land (row crops) from Eleventh Street to Mission Boulevard. Old orchard properties were observed south of the Alignment, along Mission Boulevard. Older rural residential properties were also observed along Mission Boulevard.

The 1959 aerial photograph shows agricultural land still present in the area where Cabrillo Court crosses Decoto Road. An additional commercial development was observed at the intersection of Decoto Road and Fremont Blvd. Automotive repair and gasoline stations are observed on the southwest, southeast, and northeast corners of this intersection. The agricultural lands along the Alignment are still being farmed with row crops. Overall, the land use is still a mixture of commercial properties, residential, and rural agricultural properties. Active railroad use was observed on both sides of PSSC. The detention pond on the PSSC property is still in use. No significant changes in land use were observed along the Alignment from PSSC to Mission Boulevard.

No significant changes in land use were observed in the 1963 aerial photograph.

The 1969 aerial photograph shows no significant changes in land use along the Alignment from Decoto Road to Paseo Padre Parkway. A dirt road appears along what may be the future Paseo Padre Parkway. Grading is apparent in and around where the future Alameda County Flood Control Channel will be located. East of Alameda Creek, the Alignment continues



across agricultural fields. Some improvements were observed in the area between PSSC and Mission Boulevard; however, they cannot be distinguished (possible storm water conveyance improvements). The agricultural field located between PSSC and Mission Boulevard has been partially subdivided and appears to be in the beginning stages of development. Additionally, Appian Way was observed as a completed road from the upland subdivision down to Mission Boulevard.

The 1975 aerial photograph shows no significant changes from the previous photograph along Decoto Road, with the exception of the addition of the subdivision that contains Cabrillo Court. The cul-de-sac that contains Cabrillo Court is in its present day configuration and does not appear to have ever been closed off to Decoto Road. Paseo Padre Parkway is observed in the present day configuration as an improved two lane road separated by a median, possibly still under construction. New residential subdivisions were observed in the area of the Alignment along Paseo Padre Parkway. No significant changes in land use were observed from Paseo Padre Parkway to the PSSC property. Additionally, a portion of the subdivided agricultural field located between PSSC and Mission Boulevard observed in the 1969 aerial photograph appears to have storm drain improvements and is used to store vehicles.

The 1979 aerial photograph shows the agricultural lands along Decoto Road were observed as being subdivided into new commercial and residential properties. Along Decoto Road, from Cabrillo Court to Fremont Boulevard, there is no significant land use change, rural residential use still exists. Continued development of residential subdivisions along Paseo Padre Parkway was observed. Alameda Creek appears to be ox-bowed and a portion of the present day open space area can be observed as a vacant swath of land between the oxbow and the flood control channel. Vehicles no longer appear to be stored in the subdivided agricultural field located between PSSC and Mission Boulevard. Seventh Street has been completed to Mission Boulevard.

The 1987 aerial photograph shows continued residential development along Decoto Road. The residential development north of Decoto Road and west of Fremont Boulevard is also now present. Construction of the residential subdivisions along Paseo Padre Parkway continues. No significant change in land use was observed from the flood control channel to Alameda Creek. From Alameda Creek to PSSC, median strips are present along Alvarado-Niles Road and Quarry Lakes Road is now present as a two-lane road. PSSC appears to be relatively unchanged with the exception that the pond is no longer visible north of the Alignment. Seventh Street appears more developed. The old agricultural properties have been subdivided for redevelopment.

The 1992 aerial photograph shows no significant change in land use from Decoto Road to Paseo Padre Parkway and from the flood control channel to PSSC. Continued residential infill was observed along the north side of Decoto Road. PSSC is inactive and a majority of the buildings have been demolished. Additionally, no significant change in land use was observed from PSSC to Mission Boulevard.

The 1996 aerial photograph shows continued residential and commercial infill on both sides of Decoto Road. No significant change in land use was observed from Cabrillo Court to



Fremont Boulevard, with the exception of the addition of the nursery along Decoto Road. The design of the commercial building at the southeast corner of Decoto Road and Fremont Boulevard has changed, possibly indicating a change in land use. This corner no longer appears a like gasoline/automotive repair facility. No significant change in land use was observed from Decoto Road to Paseo Padre Parkway and from Paseo Padre Parkway to Mission Boulevard.

The 1999 aerial photograph shows no change in land use from Decoto Road to Paseo Padre Parkway or from Paseo Padre Parkway to Alvarado-Niles Road, with the exception of continued residential infill from Cabrillo Court to Paseo Padre Parkway. The commercial property at the intersection of the old creek/storm water channel and the south side of Decoto Road observed in the 1954 photograph is showing more vehicles. No significant change was observed on the PSSC property other than continued demolition activities. From PSSC to Mission Boulevard, the public works corporation yard has been developed. Additionally, residential developments were observed along the west side of Mission Boulevard, north and south of Seventh Street.

The 2004 aerial photograph shows no significant change in land use from Decoto Road to Paseo Padre Parkway or from Paseo Padre Parkway to PSSC. Continued commercial and residential infill was observed along Decoto Road from Fremont Boulevard to Paseo Padre Parkway. A gasoline station still occupies the southwest corner of the intersection of Fremont Boulevard and Decoto Road. Significant grading and earthwork activities were observed at the PSSC property. South of Seventh Street and parallel to the Alignment, is all new residential development. This area of residential properties has been raised, leaving the proposed location of the Alignment low. Significant residential infill was observed along Mission Boulevard, north and south of Seventh Street. Additionally, a dog park has been developed on the property west of Mission Boulevard and north of Seventh Street.

7.3 BUSINESS DIRECTORIES

No business directory search was conducted for this study.

7.4 AGENCY RECORDS

A record check was also conducted by Fugro on the California Department of Toxic Substances Control's (DTSC) ENVIROSTOR website, and the Regional Water Quality Control Board's (RWQCB) Geotracker website. Properties within the Alignment vicinity listed on the websites are as follows:

Envirostor:

- Former Kraftile Facility at 800 Kraftile Road, Union City
- Cattellus Property at Mission Boulevard & Seventh Street, Union City
- Pacific States Steel Corporation, Union City



Geotracker:

- Super 7/Citgo Gas #18916 at 35015 Fremont Boulevard, Fremont
- City of Union City Former Corporation Yard at 34900 Alvarado-Niles Road, Union City
- Former Kraftile Facility at 800 Kraftile Road, Union City
- Pierotti Fremont Imports at 35018 Fremont Boulevard, Fremont

Fugro contacted the Alameda County Environmental Health Department (ACEHD) to inquire if the agency had records related to USTs or hazardous materials for any of the properties located within and adjacent to the Alignment ROW. ACEHD reported that they had no such records for any of the properties.

Fugro contacted the City of Union City Fire Department (UCFD) to review environmental records pertaining to facility operations at PSSC, the former Kraftile facility, and the former City of Union City Corporation Yard. Information on those facilities obtained during the review is included in Section 7.5.

Fugro also contacted the City of Fremont Fire Department (FFD) to review environmental records pertaining to USTs or hazardous materials on facilities listed on Plate 3. The FFD had documents pertaining to two facilities; Virdees Foreign Automotive (4300 Decoto Road) and Super 7/Citgo Gas (35015 Fremont Boulevard). A discussion of Virdees Foreign Automotive is presented below; a discussion of the Super 7/Citgo Gas property is presented in Section 7.5.

Virdees Foreign Automotive

An up-to-date Hazardous Materials Business Plan, Hazardous Waste Generator Permit, and a Uniform Fire Code Activities Permit were on file for this property. Permits were on file back to beginning of operations in May 1988. Several inspection reports were found listing minor violations including; general housekeeping issues, lack of secured fire extinguishers, and incomplete information on hazardous waste labels. According to the FFD, hazardous materials stored onsite included acetylene, coolant, carburetor cleaner, lubricants, oils, and batteries.

7.5 ENVIRONMENTAL CASE AND RECORDS REVIEW

Fugro reviewed lists of properties with documented hazardous materials handling, storage, or releases in the vicinity of the Alignment, as identified by Environmental Data Resources (EDR) in their agency database report dated February 20, 2008 (Appendix F). The EDR report is compiled from published federal, state, and local regulatory agency databases. Databases reviewed include, but are not limited to, the following:

- State Annual Work Plan (AWP, now known as the RESPONSE database);
- State Bond Expenditure Plan (BEP, now known as the RESPONSE database);



- State-Equivalent Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) List (CAL-SITES, now known as the ENVIROSTOR database);
- California Department of Toxic Substance and Control (DTSC) Hazardous Waste Manifest Database (HAZNET);
- California Environmental Protection Agency (EPA) Facility Inventory Database (FID);
- California Index of Properties with Hazardous Waste (CORTESE);
- California Leaking Underground Storage Tanks (LUST);
- California Solid Waste Landfills, Incinerators, or Transfer Stations (SWF);
- Resource Conservation and Recovery Act (RCRA) Permitted Treatment, Storage, Disposal Facilities (TSDF);
- California Toxic Pits Cleanup Facilities;
- State Water Resources Control Board List of Registered Underground Storage Tanks (UST);
- RWQCB Spills, Leaks, Investigations, and Cleanups (Ca SLIC) List;
- United States Environmental Protection Agency (USEPA) CERCLIS;
- USEPA Drinking Water Sources;
- USEPA Emergency Response Notification System (ERNS);
- USEPA National Priority List (NPL);
- USEPA RCRA Corrective Actions and Associated TSD;
- USEPA RCRA Registered Small or Large Generators of Hazardous Waste;
- USEPA RCRA Violations/ Enforcement Actions; and
- USEPA Toxic Release Inventory Database.

EDR identified 49 locations within a 0.25 mile radius of the Alignment as shown on their map included in Appendix F. After reviewing EDR's map, Fugro concluded that some of the locations were plotted incorrectly. Fugro conducted subsequent site visits to identify proper locations for the reported facilities and to determine which facilities were within close proximity to the Alignment. Twenty-one of the facilities identified by EDR either comprise a portion of the Alignment or are immediately adjacent to the Alignment and are considered a hazardous waste generator, has/had underground storage tanks, and/or has/had a reported leak or investigation. These 21 sites are listed on Plate 3 and are graphically shown of Plates 3A to 3G. The other 28 properties listed in the EDR report are judged to not have the potential to impact the Alignment due to their physical location, direction, or environmental status. Numerical assignment of the properties is based on EDR's numerical designation. Three additional facilities were also identified on the Plates based on our reconnaissance and are designated A through C as shown on Plate 3A.



Of the 24 facilities shown on Plates 3A through 3G, six have had remedial actions or investigations that were overseen by the ACWD, DTSC, and/or RWQCB as discussed below. Copies of pertinent documents are included in Appendix E.

7.5.1 7-Eleven/Citgo Gas #18916 (EDR #42)

This property is addressed as 35015 Fremont Boulevard and is located immediately south of the Decoto Road Segment of the Alignment at the intersection of Decoto Road and Fremont Boulevard. This property appears on the state HAZNET database as a generator of the following waste streams: aqueous solution with less than 10% total organic residues, other empty containers 30 gallons or more, and unspecified aqueous solution.

This facility appears on the state CA FID UST and HIST UST databases. The facility is listed as having five underground storage tanks (UST) installed in 1980, and various leak detection methods implemented at the site include Stock Inventory, Vapor Sniff Well, Sensor Instruments, and Pressure Tests. This facility also appears on the state Cortese and LUST databases as a leaking underground storage tank site. According to the LUST database, the case involves a release of gasoline that has impacted groundwater. The status of the case is listed as "closed".

An up-to-date Hazardous Materials Business Plan, Hazardous Waste Generator Permit, and a Uniform Fire Code Activities Permit were on file with the FFD for this property. Minor violations documented in the file included lack of secondary containment for drums that contain liquid and documentation of proper use of manifests. Documents confirmed the presence of five USTs: 12,000-gallon regular gasoline, 12,000-gallon unleaded gasoline, 12,000-gallon diesel, and two 10,000-gallon unleaded gasoline tanks. Documents included information on secondary containment testing equipment and leak tests conducted on the tanks.

The file also contained documents pertaining to leak investigations conducted at the facility. In May 1987 Kleinfelder and Associates completed a preliminary groundwater investigation to evaluate the extent of dissolved petroleum hydrocarbons that were previously detected in groundwater samples collected during monitoring activities by RPR Groundwater Consultants in May 1986. Information obtained during the investigation identified a leak at the top of one of the two 10,000-gallon unleaded fuel USTs. According to the report, these USTs were operated by a single pump, which delivered fuel through a shared line to the fuel dispensers. Additionally, a leak was identified at the fill port riser bung of the 12,000-gallon unleaded gasoline UST. Subsequent testing of the product lines and tanks indicated that the hydrocarbons detected in the groundwater probably originated as a result of spillage problems from tank over-filling and possibly from the top of the tank at the bung hole.

An Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report was found for this facility dated 09/17/91. This report indicated that a total of five USTs were removed from two excavation pits. A comment on the report listed contamination of up to 3,200 parts per million (ppm) of total petroleum hydrocarbons as gasoline (TPHg) and 5,500 ppm of total petroleum hydrocarbons as diesel (TPHd) were found at depths of 16 feet bgs after the

tanks were removed. However, no laboratory results supporting these concentrations were found in the file.

In April 1995, Kleinfelder and Associates completed a Soil Stockpile Sampling and First Quarter Groundwater Monitoring and Sampling Report. The report summarized UST removal and remedial actions conducted at the site. On August 23, 1991, two USTs were removed from the east portion of the site. The excavation extended to approximately 13 feet bgs. Confirmation samples collected from the base of the excavation reported low concentrations of TPHg and BTEX. Three USTs were also removed from the western portion of the site. Confirmation samples collected from the base of the excavation (approximately 13 feet bgs) reported elevated concentrations of TPHg, TPHd, and BTEX. Excavation was extended to 19.5 feet bgs and some of the confirmation samples reported elevated concentrations of the same constituents. The excavation was further extended to 21 feet bgs. Confirmation samples reported low concentrations of TPHg (5 ppm), TPHd (670 ppm), and BTEX (<1 ppm). Kleinfelder concluded that the excavation removed the majority of impacted soils. They also concluded that based on subsequent groundwater monitoring events, the residual low hydrocarbon concentrations in the soil naturally attenuated and do not pose a threat to groundwater. In October 1991, the product pipelines and fuel dispensers were also removed from the site. Confirmation samples collected beneath the former pump island indicated elevated concentrations of TPHg (1,300 ppm) and TPHd (1,800 ppm). Approximately 342 cubic yards of petroleum hydrocarbon impacted soil was removed from this area in September 1997 and disposed offsite.

In October 1997, a Leaking Underground Fuel Tank Closure Summary prepared by the ACWD was submitted to the RWQCB. According to ACWD, the residual soil contamination beneath the site does not appear to pose a threat to beneficial uses of ground or surface waters. The ACWD stated that the remediation approach consisting of the excavation of contaminated soil has effectively accomplished the cleanup of the site as verified by groundwater monitoring results. The ACWD recommended no further action and that the RWQCB issue a case closure letter.

Based on the review of the soil and groundwater data provided in the referenced reports, there are no indications to suggest that any residual hydrocarbon contamination in the soil would pose a threat to construction workers for the Alignment since groundwater will not be encountered during the construction of this portion of the Alignment.

7.5.2 Pierotti Fremont Imports – Fremont (EDR #41)

This property is addressed as 35018 Fremont Boulevard and was located south of the Decoto Road Segment of the Alignment. According to the Geotracker database this facility reported a leak on September 6, 1991. A site investigation was reported on September 9, 1991 and the case was listed as closed on February 5, 1992. The lead agency was the RWQCB.

The EDR database reported that the leak was discovered during tank closure and was caused by a structural failure. The contaminant of concern was listed as waste oil affecting soil



only. Abatement method was reported as excavate and dispose at an approved site. A note in the database reported chloroform was found in the water and that the case was closed.

Based on the information provided in the database report, there is no indication to suggest that residual hydrocarbon contamination in the soil would pose a significant risk to the construction workers for the Alignment since groundwater will not be encountered during the construction of this portion of the Alignment.

7.5.3 Pacific States Steel Corporation – Union City (EDR #11, 26, and 28)

The PSSC property has had multiple addresses assigned to it and is comprised of three sections totaling approximately 85-acres. Section I, also referred to as Phase I, was formerly located south of the intersection of Seventh Street and Mission Boulevard and consisted of 5.5-acres. Phase II, located immediately west of Phase I, consisted of 16.6-acres of land (known as East Parcel). Phase III was the former plant and consisted of 62.6-acres (known as Northern Parcel, Route 84 ROW, and Southern Parcel). The proposed Alignment will traverse through a portion of the Phase III property.

Prior to development, the PSSC property was agricultural land beginning in the late 1800's. The earliest documented industrial use was brick manufacturing. Brick production started in the early 1900s and continued until 1937. Clays were mined from an onsite open pit. Beginning in 1938, PSSC started steel mill operations, which continued until 1978 when the company was dissolved. During facility operations, PSSC imported scrap iron, steel, and wrecked automobiles which were melted down in open-hearth furnaces. The resultant slag material was deposited in the open clay mine pit and reportedly other surface depressions across the property. The Phase II portion of the site was purchased for use as a disposal area for the slag material and industrial waste-water generated during the steel making process from 1966 to 1978.

This facility is listed as a State of California "superfund" site with several remedial action plans that have been approved and implemented under the oversight of the DTSC. This facility is on the CA Bond Exp. Plan indicating that heavy metals (cadmium, chromium, nickel, lead, and zinc), oils, and total petroleum hydrocarbons have been detected in slag piles and ponds onsite. Transformers and capacitors containing polychlorinated biphenyls (PCBs) and asbestos containing material were also found onsite.

This facility also appears on the Response database with the ACWD and the City of Union City listed as the Cleanup Oversight Agencies. The database report lists several completed Remedial Actions (RA) that include; the demolition of abandoned buildings, cooling towers, and car crushing buildings, removal of non-hazardous scrap metal; removal of 2,290 tons of lead and asbestos containing bricks; removal of a 500 gallon fuel AST; removal of 825 unlabeled drums, removal of two above ground storage tanks (ASTs) used to store sulfuric acid, removal of four ASTs containing contaminated Bunker C oil and diesel fuel, and removal of 55,000 gallons of contaminated water collected from sumps. Additionally, 450 PCB capacitors and several large PCB transformers were removed from the site after they were drained of their oil. Approximately 33,263 cubic yards of slag, soil, and debris were removed from a strip of land



adjoining the site that was previously owned by PG & E and temporarily stored on the Phase III property prior to disposal. Approximately 10,562 cubic yards of slag, soil and debris removed from a parcel of land adjacent to PSSC was also temporarily stored on the Phase III property prior to disposal. Additionally, approximately 90,000 cubic yards of slag contaminated soil and 11,000 cubic yards of petroleum hydrocarbon impacted soil was removed from the Phase II property and disposed of offsite.

This facility is also listed on the state HAZNET database as a generator of the following; contaminated soils originating from site cleanups, PCBs and material containing PCBs, and asbestos-containing waste. PSSC also appears in the CA WDS database as an industrial facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing, or processing operations. Project wide deed restrictions and land use covenants were also reported for this facility.

Based on information obtained from the Remedial Action Completion Report (Envirocon, 2004), a request was submitted to the DTSC to allow the former Route 84 ROW to be handled under its own separate "No Further Action" ruling once remedial activities were completed. The DTSC approved this request. Route 84 ROW remedial activities were completed in June 2004 and included the excavation of 25,000 cubic yards of slag, 16,000 cubic yards of soils contaminated with total petroleum hydrocarbons, and the construction of the Route 84 Detention Basin.

Petroleum hydrocarbon impacted soils were initially not expected to be encountered during the remedial activities of the Route 84 ROW; however, after the slag material was removed, TPH impacted soils were encountered in the middle and at the southwest corner of the ROW (locations Deep TPH No. 5 and Deep TPH No. 6). Approximately 16,000 cubic yards of TPH impacted soils were removed from these locations. Excavation of the TPH impacted soil was guided by visual observations with the final vertical depth not to exceed 10 feet MSL. Based on the "not to exceed 10 feet MSL requirement", two isolated areas of TPH impacted soil remains within the Alignment. In accordance with instructions with the ACWD, the two areas were not removed due to engineering limitations and the necessity to preserve the boundary between the Newark Aquifer and the Newark Aquiclude.

Based on information obtained from the most recent groundwater monitoring report (First Quarter 2007) prepared by Shaw Environmental, TPHd was reported as detected in well MW-23, approximately 720 feet northwest of the proposed Alignment. Dissolved metals cadmium and chromium were also detected in a monitoring well (MW-25) north of the Route 84 ROW with concentrations up to 0.024 milligrams per liter (mg/L), above their respective Maximum Contaminant Levels (MCLs).

Since the proposed Alignment situated within this area consists of a depressed section excavated to an elevation of approximately 16 feet MSL, the residual TPH impacted soil will likely be left in place.

7.5.4 Former Kraftile Facility – Union City (EDR #27)

This property is addressed as 800 Kraftile Road and was located approximately 1,300 feet southeast of the Open Space – Former PSSC Segment of the Alignment. The facility was reportedly the original site of Kraft Cheese in the early 1900's. In 1924, the property was occupied by K&L Lumber Company, which manufactured wooden boxes for Kraft Cheese. In 1926, the founders of Kraft Cheese and K&L Lumber Company formed the Kraftile facility to manufacture clay tiles. The Kraftile facility operated at this location until closure in July 1996.

According to the Removal Action Completion Report prepared by World Environmental Services & Technology (WEST, 1997) during the 70 years that Kraftile was in operation, the southern portion of the site was mined for clay deposits, reportedly until 1988. The clay mining operations resulted in the excavation of large clay pits. Reportedly, the facility began to backfill the pits in 1986. One of the two clay pits ("new" clay pit) was reportedly backfilled with approximately 50,000 cubic yards of construction debris and organic debris. Metal slag materials were reportedly deposited in the "old" clay pit, with depths of approximately 30 to 35-feet bgs. The slag materials were reportedly generated at the adjacent PSSC facility.

Fill areas consisting of soil mixed with red tile particles, wood, and metal debris were identified at various locations. Barium carbonate was used during the tile manufacturing process and was stored onsite. The facility also had USTs, ASTs, underground sumps, a waste oil house, and oil-fired kilns. The waste oil house was reportedly used for storage of waste motor oil and gear lubricant. Additionally, the kilns at the facility were fueled with fuel oil between 1926 and 1929.

A Phase II ESA consisting of soil and groundwater sampling activities was performed at the facility. Elevated concentrations of lead [up to 1,200 milligrams per kilogram (mg/kg)] and zinc (up to 18,000 mg/kg) were detected in the backfill used in the "old" clay pit. Additionally, elevated concentrations of total petroleum hydrocarbons reported as motor oil (TPHmo, up to 12,400 mg/kg) were detected within the backfill used in the clay pit on the north side of the property.

From October 1997 to December 1997, removal of metal and petroleum affected soil was completed at the facility. Approximately 20,000 cubic yards of metal affected soils were excavated from the "old" clay pit. The excavation was approximately 1.5 acres in size and varied in depth from 3 to 30 feet bgs. Confirmation sampling indicated that residual soil concentrations were below the remedial action objective of 53 mg/kg. Additionally, approximately 1,300 cubic yards of petroleum hydrocarbon soils were excavated from the vicinity of the former UST. Results of soil analyses indicated that residual soil concentrations contained a maximum concentration of 460 mg/kg of TPHd.

Post removal groundwater sampling was requested by the ACWD. Accordingly, three soil borings were advanced into the Newark Aquifer until groundwater was encountered at approximately 45 feet bgs. The grab groundwater samples did not report concentrations of petroleum hydrocarbons above the laboratory detection limits. The groundwater reported lead



at 0.3 micrograms per liter ($\mu\text{g/L}$) and other metals were detected at concentrations below the MCLs with the exception of iron, which was found above the MCL.

This facility also appears on the state HAZNET database as a generator of 39.6 tons of asbestos containing waste. Based on the reported excavation and disposal of the metal and petroleum impacted soils, the non-detectable concentrations of petroleum hydrocarbons within the groundwater, and the facility location with respect to the Alignment, impacts at this property are not considered to represent a significant risk to construction workers on the Alignment.

7.5.5 Former City of Union City Corporation Yard – Union City (EDR #25)

This property is addressed as 34900 Alvarado-Niles Road and was located approximately 900-feet north of the Open Space – Former PSSC Segment of the Alignment. The site was previously used for agricultural purposes until approximately 1959 when buildings were constructed. From 1959 to 1978 the facility was utilized as a pickle and olive factory. From 1978 to July 1999, the City of Union City Department of Public Works utilized the property as a corporation and maintenance yard for equipment and storage. Operations at the facility included; vehicle maintenance, material storage, parking yard for city vehicles, and a fueling station.

The facility appears on the state HAZNET database as a generator of the following waste streams: unspecified organic liquid mixture, other empty containers 30 gallons or more, other organic solids, unspecified aqueous solution, hydrocarbon solvents (benzene, hexane, Stoddard, etc.), organic liquids with metals, alkaline solution, waste oil and mixed oil, liquids with halogenated organic compounds >1000 mg/L, aqueous solution with less than 10% total organic residues, unspecified solvent mixture, and unspecified oil-containing waste.

Additionally, this facility appears on the SWEEPS UST and HIST UST databases with a total of four tanks as follows: 2,000-gallon Regular gasoline, 4,000-gallon diesel, 12,000-gallon unleaded gasoline and a 500-gallon waste oil tank. This facility is also on the LUST database with a reported gasoline leak caused by a structure failure. The leak was discovered during a tank closure on August 7, 1985. MTBE was reported detected in the groundwater with a maximum concentration of 1,800 parts per billion (ppb). The abatement method was reported as excavate and dispose of contaminated soil at an approved site. No information pertaining to maximum MTBE concentrations in the soil were reported in the database report.

According to the Workplan for Additional Site Characterization prepared by EKI (EKI 2004), in addition to the USTs mentioned previously, a 12,000-gallon diesel UST was also located near the southwest corner of the site. In July 1999, the City of Union City vacated the property and moved the corporation yard to its present location at 34650 Seventh Street. Ryland Homes purchased the property in 1999 and constructed single-family residences.

According to the Report of Results of Additional Site Characterization: Phase 2 prepared by EKI (EKI, 2006), in December 1998 the 4,000-gallon and the 12,000-gallon UST were removed from the southeast corner of the former yard. Trace concentrations of BTEX (up to 0.10 ppm) were detected within the confirmation samples collected from the base of the



excavation. Additionally, elevated concentrations of TPHg, up to 1,200 ppm, were detected at the center of the excavation at a depth of approximately 12.5 feet. Analysis of the confirmation samples collected from beneath the fuel dispensers reported elevated concentrations of TPHg and TPHd up to 2,400 ppm at a depth of approximately 3.5 feet.

Based on the elevated concentrations of petroleum hydrocarbons, approximately 3,500 tons of impacted soil was excavated from the former fuel station location from May through August 1999. The excavation measured approximately 40 feet by 80 feet, to a depth of 25 feet bgs. All of the petroleum-impacted soil was removed with the exception of one area, which reported a confirmation sample result of 170 ppm. This location was left in place since further excavation would undermine the structural stability of Alvarado-Niles Road.

From July 1999 through March 2006, Lowney Associates Inc. conducted groundwater monitoring at wells MW-1 through MW-5. Lowney destroyed monitoring wells MW-1 and MW-3 in 2000. In October 2005, eight monitoring wells (five shallow zone and three Newark Aquifer wells) were installed by EKI to continue groundwater monitoring at the site. Based on the most recent quarterly groundwater monitoring report dated January 29, 2008 (EKI, 2008), shallow zone groundwater reported elevated concentrations of TPHg, MTBE, and TPHd up to 73,700 µg/L, 661,000 µg/L, and 67,400 µg/L, respectively. Additionally, elevated concentrations of benzene, toluene, ethylbenzene, and xylenes were reported up to 17,800 µg/L, 22,500 µg/L, 3,370 µg/L, and 10,610 µg/L, respectively. Elevated concentrations of TPHg and MTBE were reported in the Newark Aquifer wells with concentrations up to 263 µg/L and 696 µg/L, respectively.

This facility is downgradient of the proposed Alignment location. The elevated concentrations of total petroleum hydrocarbons in the groundwater may represent a risk in the event that subsurface improvements are constructed which intercept the impacted water.

7.5.6 Cattellus – Union City (EDR #8)

This facility was formerly located at the intersection of Mission Boulevard and Seventh Street, immediately north of the Open Space – Former PSSC Segment of the Alignment. This facility was listed on the DTSC Envirostor database with potential contaminants of concern listed as lead, pesticides in rinse waters, contaminated soil, and halogenated solvents. A site screening was completed on 12/18/1992, and the property was referred to the RWQCB on 03/8/1996. No further information was provided in the database report or on Envirostor. Based on the given status, and that the property has since been redeveloped, it is not considered to represent a risk during construction of the Alignment.

7.6 OTHER HISTORICAL SOURCES

For the purposes of this report, no other historical sources were utilized.



8.0 RECONNAISSANCE

On February 25, March 5, and June 13, 2008, Fugro conducted reconnaissance of the Alignment and vicinity. Observations made during these visits are summarized below.

Beginning at the intersection of Cabrillo Court and Decoto Road, the Alignment consists of the existing Decoto Road ROW. Cabrillo Court was observed as a cul-de-sac with a narrow connection to Decoto Road. The south side of Decoto Road was observed an unimproved shoulder with single-family residential housing. An old creek (Crandall Creek) was also observed south of Decoto Road, which appears to be used as a storm water control channel.

Adjacent to the channel was Virdees Foreign Automotive Repair and Atwal's Auto (a used car lot) at 4300 and 4300-B Decoto Road, respectively. According to City of Fremont Fire Department records, Virdees Foreign Automotive Repair is known to use and store hazardous materials. This was confirmed based on a chemical placard that was observed mounted on the exterior of the building. Additionally, abandoned cars and old tires were observed on the property. A storm water outlet was observed leading from Virdees Foreign Automotive to the channel. The effluent storm water appeared to be eroding the eastern bank of the channel.

A nursery (Regan Nursery, 4268 Decoto Road) was observed south of Decoto Road as well as single-family residences. East of Regan Nursery, more single-family residences were observed. Fugro observed a gasoline service station at the southwest corner of Decoto Road and Fremont Boulevard (7-Eleven/Citgo Gas, 35015 Fremont Boulevard) which is known to use and/or store hazardous materials, and is the location of a known release of fuel to soil and groundwater. On the north side of Decoto Road, from Cabrillo Court to Fremont Boulevard, was a relatively new residential development as well as an older development that consisted of townhomes.

At the southeast corner of Fremont Boulevard and Decoto Road was a small strip mall and a McDonald's Restaurant. Additionally, newer residential developments occupied both sides of Decoto Road, from Fremont Boulevard to Paseo Padre Parkway. The northeast corner of the intersection had a vacant commercial building. Adjacent to the vacant building were three older single-family residences, a Salvation Army store, and a large church.

A vacant parcel of land was observed at the southeast corner of Decoto Road and Paseo Padre Parkway. This small parcel of land was filled with seasonal weeds and was bordered by a chain-link fence. From this intersection, the proposed Alignment traverses the existing Paseo Padre Parkway ROW until it crosses the open space. The Alignment then crosses the Alameda County Flood Control Channel and continues east, crossing Alameda Creek and the Alameda Creek Regional Trail at two locations.

East of Alameda Creek, the Alignment crosses over agricultural land. Adjacent to the agricultural land is what appears to be an older well (possibly associated with agricultural land uses). Since this area was overgrown with vegetation and was set back from Quarry Lakes Drive on private land, Fugro was unable to verify whether or not this was a well. Preliminary information obtained from the ACWD indicates that at least one agricultural well exists within an



agricultural field south of the Alignment and west of Quarry Lakes Drive. According to the ACWD, several wells were at one time present at this location but some may have been destroyed. Ms. Michelle Myers with the ACWD stated that their records indicate the presence of one irrigation well (ID # 4S1W18K002) in this location as early as 1959.

East of the well, the proposed Alignment crosses Quarry Lakes Drive, old agricultural land, and Alvarado-Niles Road. The Alignment then crosses under the BART tracks and UPRR tracks, as well as crossing through the detention basin that is on the former PSSC property. At the time of the reconnaissance, water was observed in the detention basin and portions of the former PSSC property were undergoing construction into a residential subdivision. Additionally, immediately north of the detention basin was a large soil mound.

East of the former PSSC property the Alignment crosses under another set of UPRR tracks. Both sets of railroad tracks observed during the reconnaissance were situated on small elevated berms. Typically, railroad ROWs are viewed as potential areas of soil contamination due to the presence of petroleum or chemical conveyance pipelines within the ROW easement, due to weed abatement practices, or due to spills. Although no indication of long term surface releases nor pipeline conveyances were observed within the Alignment area, other potential contaminants could be present within the surficial soil.

Additionally, utility markings indicating the presence of fiber optic cables within the railroad ROW easement was observed further north and south of the Alignment, however, the markings were not present on the Alignment itself, therefore it is unclear if fiber optic cable lines traverse through the proposed Alignment location.

Beyond the tracks the Alignment crosses another detention basin that was constructed during the development of the Park Ridge Phase II and Phase III Residential Development, which is located south of the Alignment. The detention basin did not appear to have standing water like the basin observed on the former PSSC property. A copy of the Conditional Waiver of Waste Discharge Requirements for the Park Ridge Phase II and III residential development project detention basin is attached in Appendix E.

The houses within the Park Ridge residential development appeared to be on elevated building pads and the driveways sloped down toward the streets. North of the Alignment at this location is the current City of Union City Corporation Yard (34650 Seventh Street). The Yard appeared to be in use for the maintenance and storage of City vehicles.

East of the detention basin the proposed Alignment crosses the Line M Channel. As part of the Alignment project, roadway improvements will include connecting Chesapeake Drive with Seventh Street. The new Seventh Street roadway improvements will pass the new City of Union City Corporation Yard and will require the relocation of the existing LNG fueling station. The existing facility comprises a dispensing island and a buried 5/8 inch diameter gas line. The Alignment then continues northeast and ends at Mission Boulevard (State Route 238). North of the Alignment is a small dog park and a residential development. South of the Alignment at this location is a continuation of the Park Ridge Phase II and III Residential Development.



Fugro observed no stressed vegetation or stained soil during the reconnaissance. No past or current use of USTs, ASTs, hazardous materials/waste sumps, pits, or clarifiers was observed within the limits of the Alignment.

9.0 INTERVIEWS

9.1 INTERVIEWS WITH OWNER

Fugro obtained information used in previous sections of this report from Mr. Francis Lo with T.Y. Lin International and Mr. James O'Brien with ACTA.

9.2 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

Fugro was able to obtain information from the City of Fremont Fire Department, City of Union City Fire Department, and the Alameda County Environmental Health Department as discussed previously in other sections of this report. Additionally, Fugro obtained information from Ms. Michelle Myers with ACWD regarding well destruction requirements and the agricultural well located south of the Alignment and west of Quarry Lakes Drive as previously discussed in Section 5.0.

10.0 FINDINGS AND CONCLUSIONS

Fugro has performed this ESA of the proposed I-880 to 238 East-West Connector in Alameda County, California in general conformance with the scope and limitations of ASTM Designation: E 1527-05, Standard Practice for Environmental Site Assessments. Recognized environmental conditions as defined by the ASTM Standard are the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or material threat of a release into structures at the property or into the ground, groundwater, or surface water at the property. This term includes hazardous substances or petroleum products even under conditions in compliance with laws. This assessment has revealed no evidence of recognized environmental conditions in connection with the Alignment, except as follows:

- The Newark Aquifer constitutes a major drinking water source for residents of Fremont, Newark, and Union City; therefore the ACWD has made a requirement on the final vertical depth of cut for the Alignment to preserve the boundary between the Newark Aquifer and the Newark Aquiclude. ACWD requires that a minimum of five feet of Newark Aquiclude material remain undisturbed above the aquifer boundary.
- Watersheds and sensitive habitats exist within the area of the Alignment and impacts to these zones need to be minimized during construction. Construction work should be coordinated with regulatory agencies to minimize impacts associated with invasive activities.
- TPH impacted soils were encountered on the former PSSC property and remnant concentrations may coincide with construction elements of the Alignment. Excavation of the TPH impacted soil was previously restricted by the ACWD to a



vertical depth corresponding to an elevation of 10 feet MSL. Since the proposed Alignment situated within this area consists of a depressed section excavated to an elevation of approximately 16 feet MSL, the residual TPH impacted soil will likely be left in place.

- Historically, land uses in the area of the Alignment were agricultural based; therefore shallow soils may contain remnant concentrations of agricultural chemicals from past applications. In addition, agricultural improvements including water production wells, buried pipelines and drainage systems.
- Shallow soils may contain aurally deposited lead from historic automobile and/or industrial business emissions in the area.
- The Alignment crosses under two Union Pacific Railroad right-of-ways (ROWs). Typically, railroad ROWs are viewed as potential areas of soil contamination due to the presence of petroleum or chemical conveyance pipelines within the ROW easement, due to weed abatement practices, or due to spills. Although no indication of long term surface releases nor pipeline conveyances were observed within the Alignment area, other potential contaminants could be present within the surficial soil.
- The Alignment extends through two detention basins. Storm water detention basin sediments may contain elevated concentrations of storm water contaminants including petroleum hydrocarbons and heavy metals.

With respect to the future construction activities for the Alignment, Fugro provides the following recommendations.

- The East-West Connector Project will involve disturbing existing shallow soil conditions within the proposed right-of-way as well as encountering subsurface soil and groundwater where improvements extend below the surface. As a result, a Soil and Groundwater Management Plan should be developed to address potential impacts that may be encountered during construction.
- Agricultural wells and other improvements may be encountered within the Alignment during construction activities. These wells and improvements should be properly abandoned or removed. Information obtained from the ACWD indicates that abandonment of each agricultural well/improvement will need to be handled on a case-by-case basis in accordance with DWR guidelines and ACWD specifications.

Results of this report should be provided to the design team. Findings from this report should be used to develop a site-specific Health & Safety Plan (HSP) that should be implemented to notify workers of the chemicals potentially located in soil and groundwater. The HSP should be reviewed and approved by a certified industrial hygienist.



11.0 DEVIATIONS

Significant deviations from ASTM E 1527-05 include the following:

- Fugro did not interview past owners, past occupants, or past operators as a part of this assessment.
- Fugro did not review chain-of-title reports, environmental liens, or AULs for any of the parcels included within the Alignment.

In our opinion these deviations are not viewed as being significant, meaning that the result of having knowledge from these process steps would not significantly alter the findings and conclusions presented in this ESA.

12.0 LIMITATIONS

Fugro has prepared this report in a professional manner, using that degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. Fugro shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the report was prepared. Fugro also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. Fugro believes that conclusions stated herein to be factual, but no guarantee is made or implied. This report has been prepared for the benefit of T.Y. Lin International and ACTA. The information contained in this report, including all exhibits and attachments may not be used by any party other than T.Y. Lin International and ACTA without the express written consent of Fugro West, Inc.



13.0 REFERENCES

Documents

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www.water.ca.gov



14.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Resumes for Fugro's key personnel who prepared this ESA report are presented in Appendix G. Fugro declares that, to the best of our professional knowledge and belief, that the key professionals involved with conducting this ESA, meet the definition of Environmental Professional as defined in §312.10 of CFR 40 Part 312. These professionals have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the "All Appropriate Inquiry" in general conformance with the standards and practices set forth in 40 CFR Part 312.



PLATES

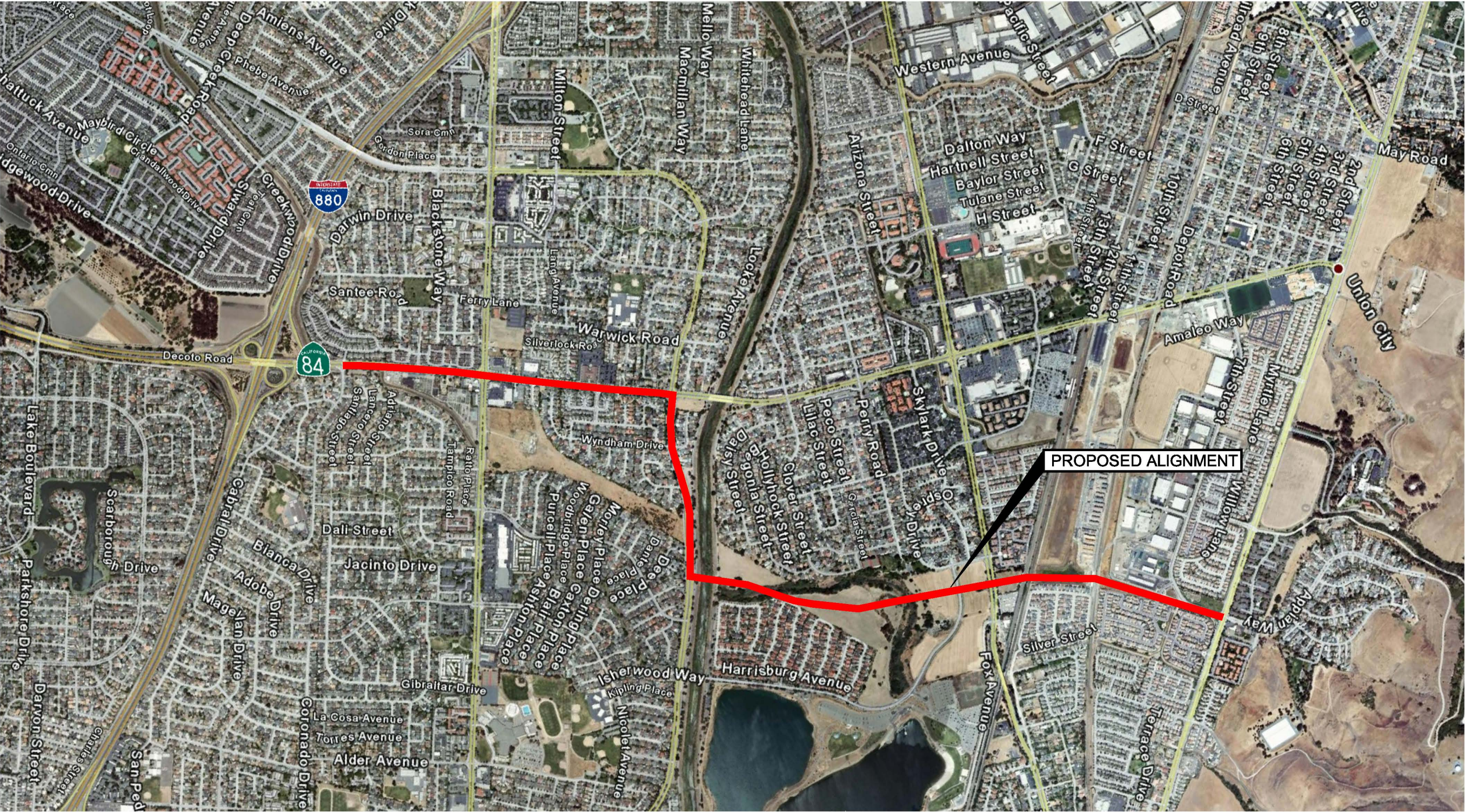
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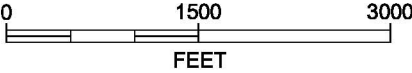
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VICINITY MAP
Proposed I-880 to 238 East-West Connector
Alameda County, California



BASE MAP SOURCE: This aerial photo was obtained from the Google Earth Pro.



SITE PLAN
Proposed I-880 to 238 East-West Connector
Alameda County, California

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EDR REPORTED FACILITIES

EDR Map ID #	Facility Name	Address	City
8	Cattellus – Union City	Mission at 7 th Street	Union City
23	Homer J. Olsen Inc.	35500 Olsen Way	Union City
24	Best S. Block Inc.	34840 Alvarado-Niles Road	Union City
25	City of Union City Corp. Yard	34900 Alvarado-Niles Road	Union City
11, 26, 28	PSSC	Multiple Addresses	Union City
27	Kraftile	800 Kraftile Road	Fremont
32	2250 Isherwood	2250 Isherwood	Fremont
33	Hatsushi Property	3473 Decoto Road	Fremont
35	Regan Nursery Inc.	3520 Decoto Road	Fremont
36	Frades Nursery/Regan Nursery	3694 Decoto Road	Fremont
37	Westcorp Development Group	34882 Fremont Boulevard	Fremont
39	Walgreen's/Qualex	3880 Decoto Road	Fremont
41	Pierotti Fremont Imports	35018 Fremont Boulevard	Fremont
42	Super 7/Citgo Gas/7Eleven	35015 Fremont Boulevard	Fremont
43	Tri-City Cleaners	3924 Decoto Road	Fremont
44	Natividad Tamon Dong DMD	3906 Decoto Road	Fremont
45	Franklin Appliance & Repair	4074 Decoto Road	Fremont
46	City of Fremont Maint. Services	4170 Decoto Road	Fremont
47	Doug Gonzalez	35282 Cano Court	Fremont

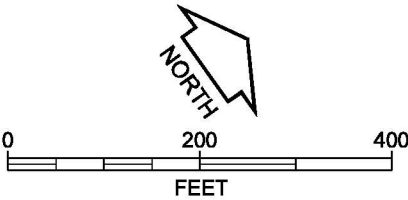
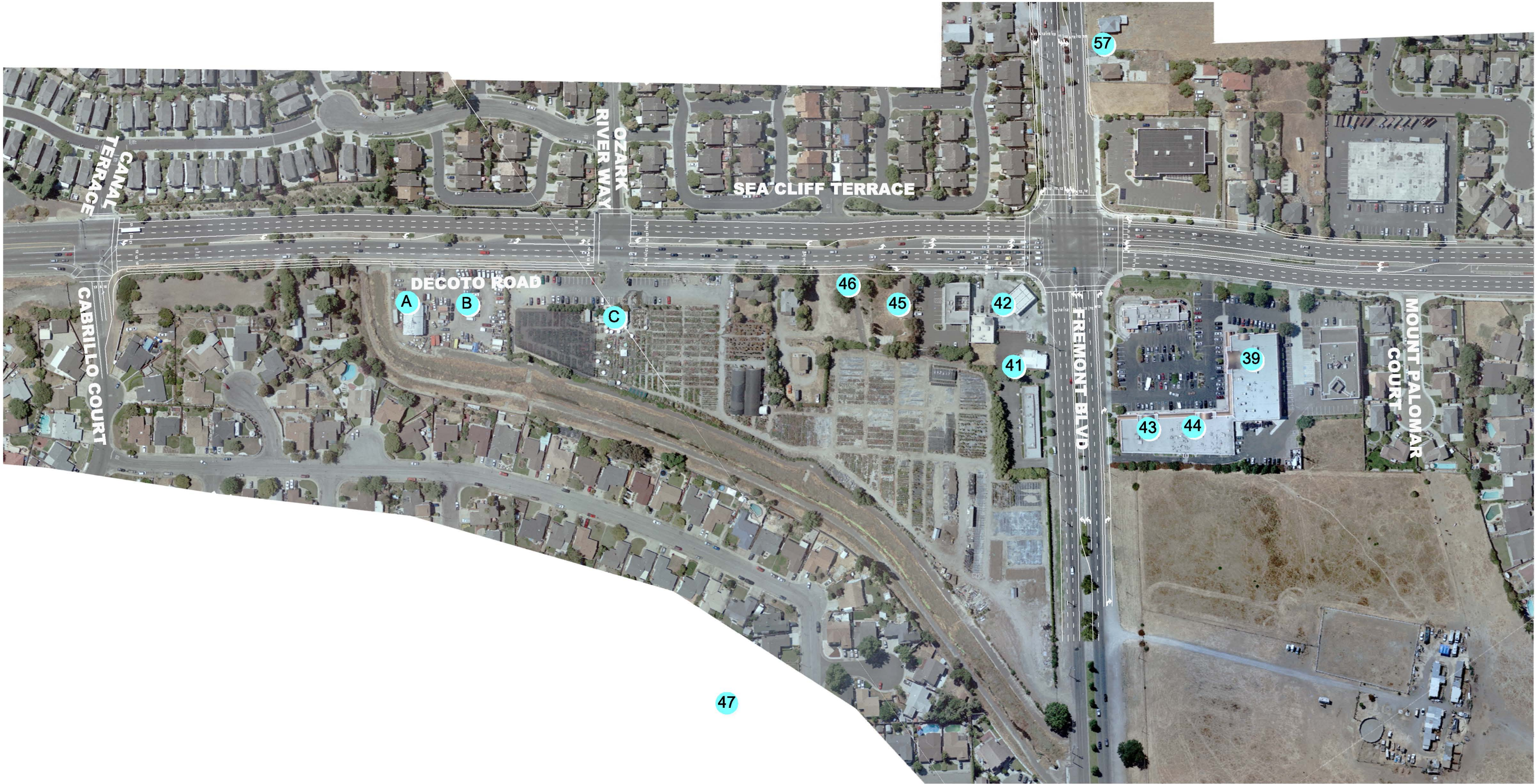
FACILITIES IDENTIFIED THROUGH RECONNAISSANCE

Map ID #	Facility Name	Address	City
A	Virdees Foreign Automotive	4300 Decoto Road	Fremont
B	Atwall's Auto	4300-B Decoto Road	Fremont
C	Regan Nursery	4268 Decoto Road	Fremont

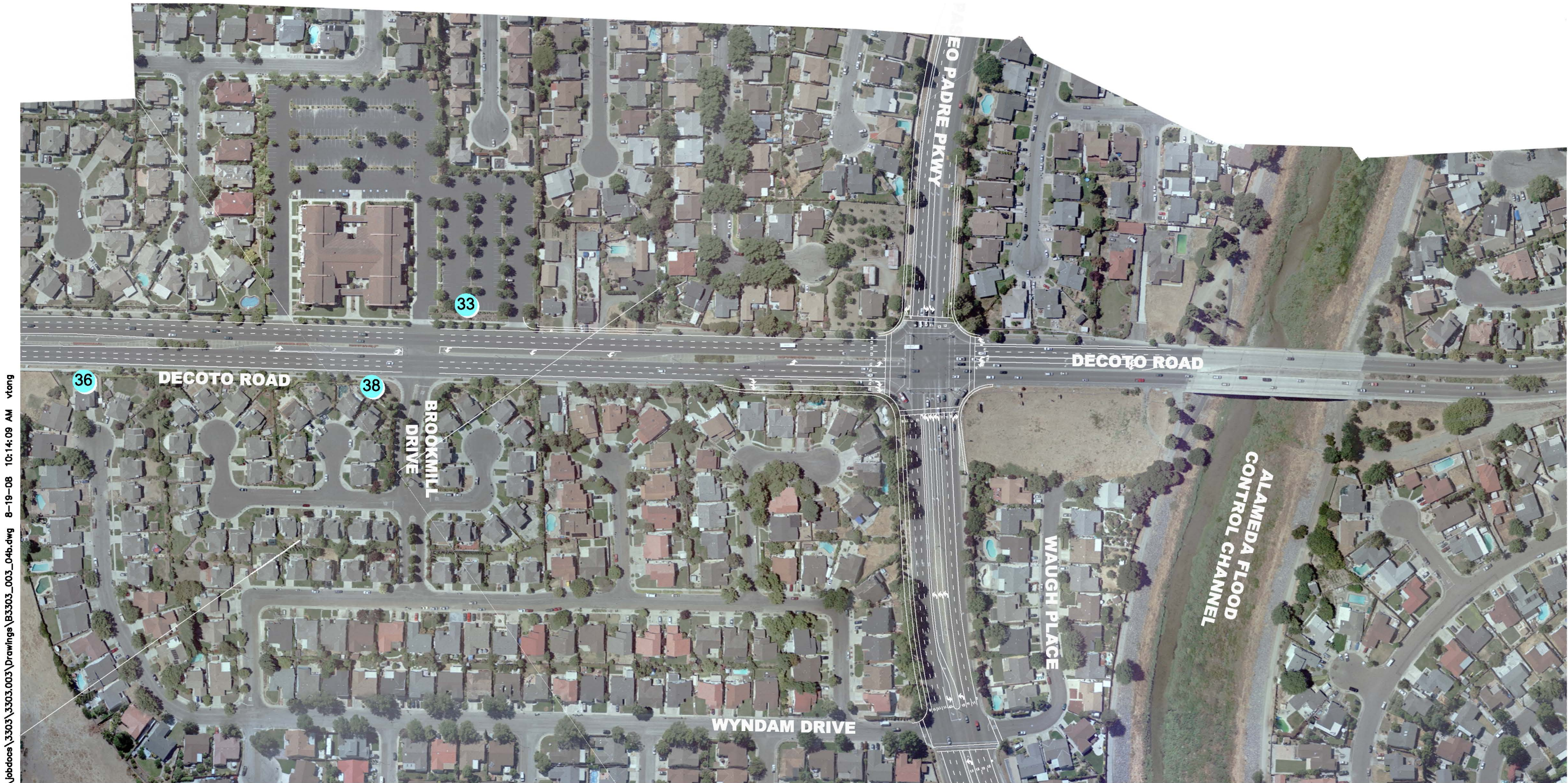
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Alameda County, California

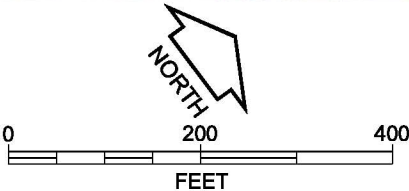
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LOCATION OF REPORTED FACILITIES
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Alameda County, California



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Proposed I-880 to 238 East-West Connector
Alameda County, California



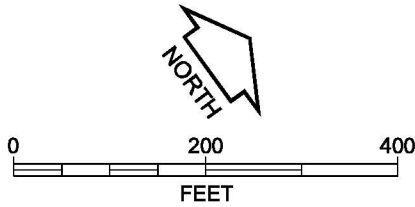
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Alameda County, California



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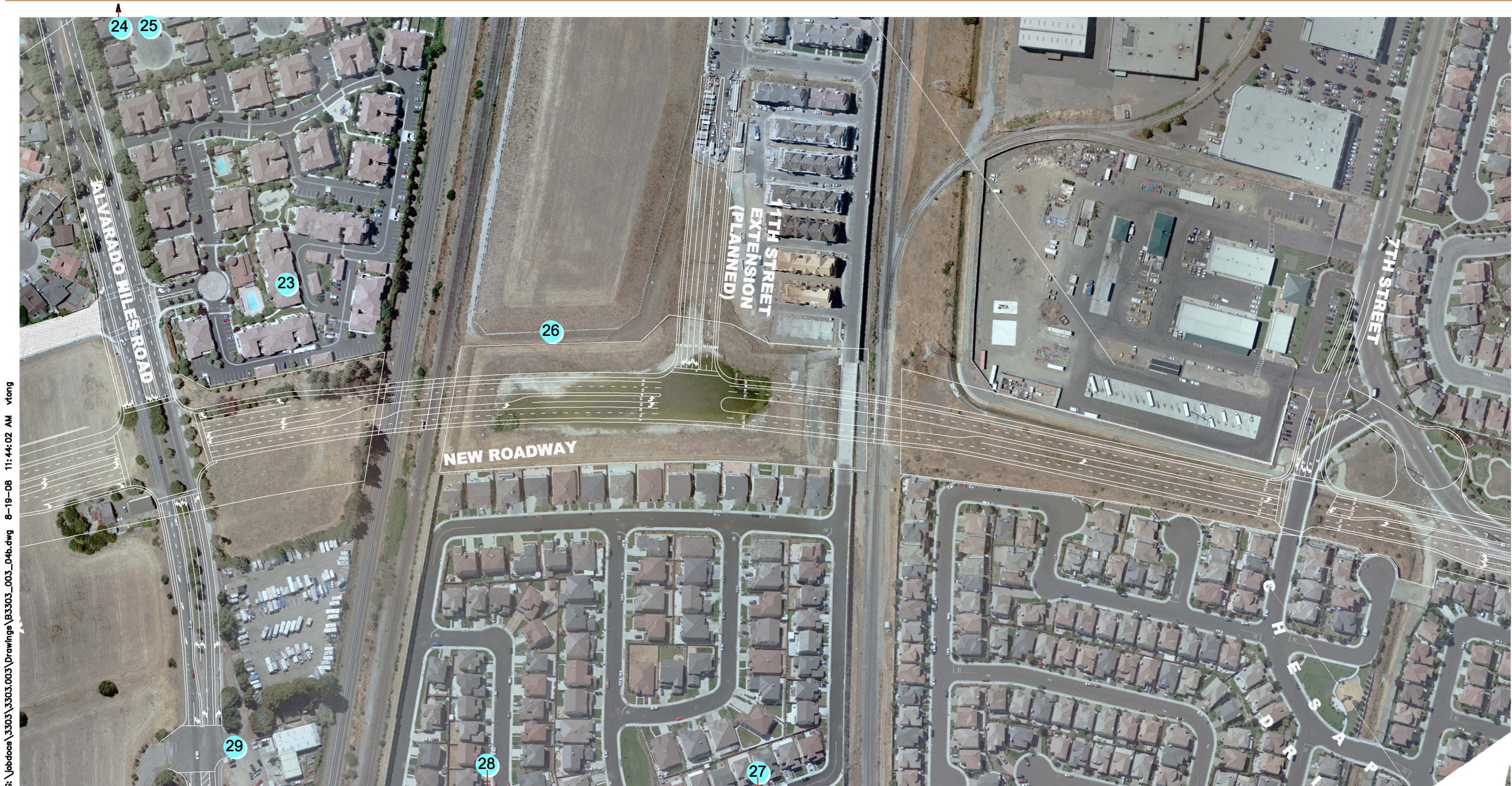


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Alameda County, California

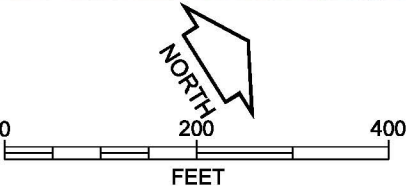
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Alameda County, California



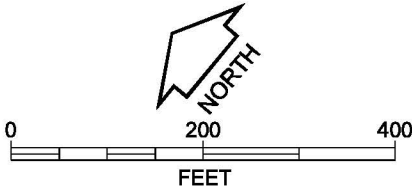
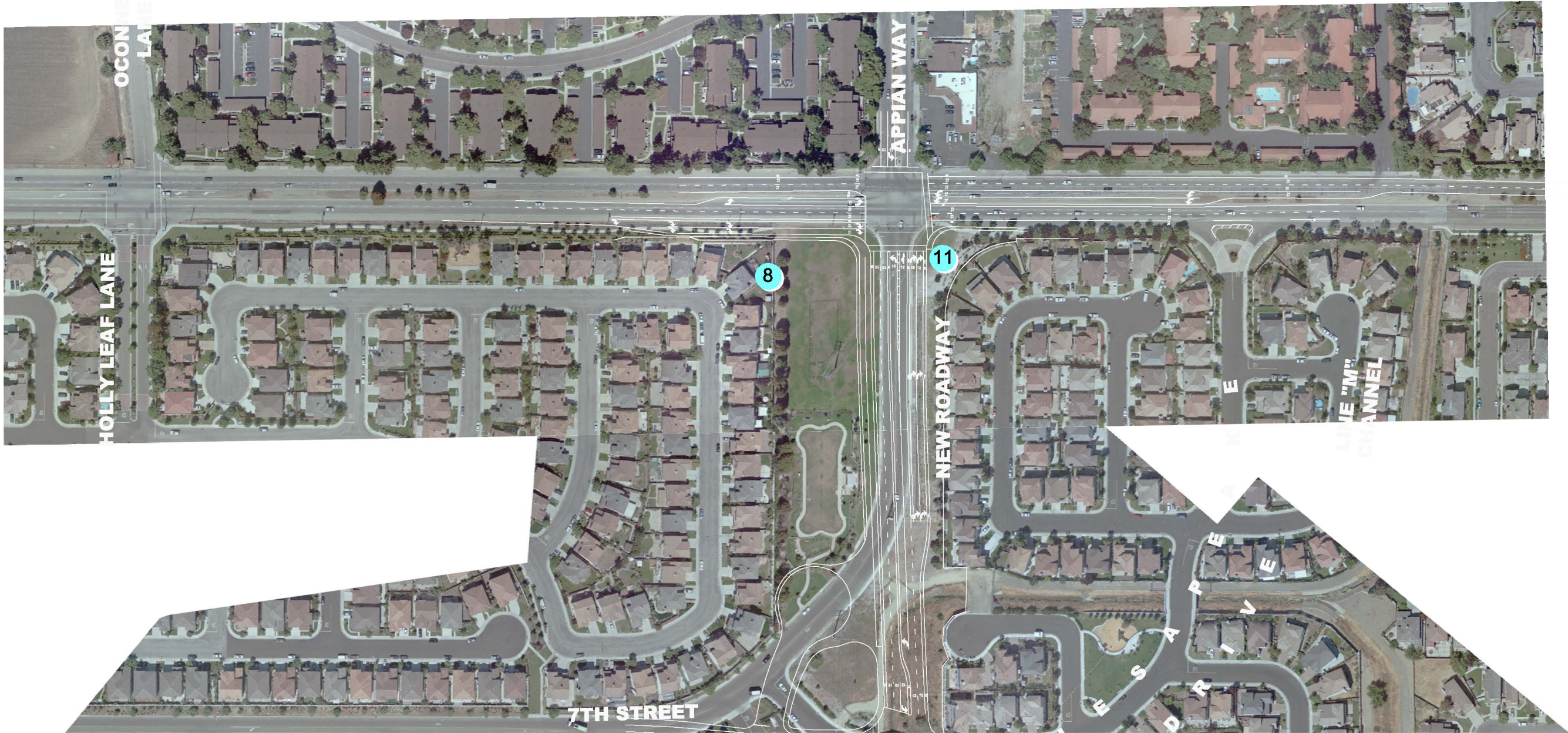
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LOCATION OF REPORTED FACILITIES
Proposed I-880 to 238 East-West Connector
Alameda County, California



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LOCATION OF REPORTED FACILITIES
Proposed I-880 to 238 East-West Connector
Alameda County, California

APPENDIX A
ALIGNMENT PHOTOGRAPHS



View of Cabrillo Court, north toward Decoto Road



View from Decoto Road, west toward Cabrillo Court



View of flood control channel, south of Decoto Road



View from Decoto Road, east toward Fremont Blvd.



View of dry creek bed, south of Decoto Road



View west from Fremont Blvd., along Decoto Road

ALIGNMENT PHOTOGRAPHS
Proposed I-880 to 238 East-West Connector
Alameda County, California



View west on Decoto Rd., toward Fremont Blvd.



View east on Decoto Rd., toward Paseo Padre Pkwy.



View from Decoto Rd., south on Paseo Padre Pkwy.



View of Alignment looking west from Quarry Lakes Dr.



View of open space looking west from Quarry Lakes Dr.



View of possible well west of Quarry Lake Dr.

ALIGNMENT PHOTOGRAPHS
Proposed I-880 to 238 East-West Connector
Alameda County, California



View looking east toward Alvarado-Niles Road



View east of Alvarado-Niles Road



View of detention basin, former PSSC property



View of former PSSC property



View of detention basin near Corporation Yard



View of Line M Channel, Seventh Street

ALIGNMENT PHOTOGRAPHS
Proposed I-880 to 238 East-West Connector
Alameda County, California

APPENDIX B
EDR WELL SEARCH REPORT



EDR DataMap® EDR Well Search Report

**880-238 East-West Connector
Union City, CA 94587**

February 20, 2008

Inquiry number 02146110.1w

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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GEOCHECK VERSION 2.1 SUMMARY

FEDERAL DATABASE WELL INFORMATION

MAP ID	WELL ID
1	USGS3236076
2	USGS3236075

STATE WATER WELL INFORMATION

MAP ID	WELL ID
NO WELLS FOUND	

PUBLIC WATER SUPPLY SYSTEM INFORMATION

NO WELLS FOUND

USGS TOPOGRAPHIC MAP(S)

37121-E8 NILES, CA
37122-E1 NEWARK, CA

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 94587

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.700 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

Federal Area Radon Information for Zip Code: 94536

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.500 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

Federal Area Radon Information for Zip Code: 94555

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.500 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

GEOCHECK VERSION 2.1 SUMMARY

AREA RADON INFORMATION

Federal EPA Radon Zone for ALAMEDA 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 ALAMEDA COUNTY, CA

Number of sites tested: 49

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.776 pCi/L	100%	0%	0%
Living Area - 2nd Floor	-0.400 pCi/L	100%	0%	0%
Basement	1.338 pCi/L	100%	0%	0%

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Water Well Information:

Map ID:	1	Site no:	373418122011901
Agency cd:	USGS	Latitude:	373418.4
Site name:	004S001W19E002M	Dec lat:	37.57177778
Longitude:	1220119.2	Coor meth:	D
Dec lon:	-122.022	Latlong datum:	NAD83
Coor accr:	1	District:	06
Dec latlong datum:	NAD83	County:	001
State:	06	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	NEWARK, CA	Altitude method:	D
Altitude:	37.9	Altitude datum:	NGVD29
Altitude accuracy:	0.2		
Hydrologic:	Not Reported		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19831202
Date inventoried:	20020416	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported	Aquifer:	Not Reported
Well depth:	147	Hole depth:	150
Source of depth data:	other government (other than USGS)	Object number:	967759600
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2002-05-01	Ground water data end date:	2002-05-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2002-05-01	19.92	

Map ID:	2	Site no:	373414122015801
Agency cd:	USGS	Latitude:	373414
Site name:	004S002W24L006M	Dec lat:	37.57049107
Longitude:	1220158	Coor meth:	M
Dec lon:	-122.03385075	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	001
State:	06	Land net:	NENESWS 24T 04SR 02WM
Country:	US	Map scale:	24000
Location map:	NEWARK	Altitude method:	M
Altitude:	32.00	Altitude datum:	NGVD29
Altitude accuracy:	3		
Hydrologic:	Coyote, California. Area = 831 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19590113
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Local standard time flag: Y
Aquifer Type: Not Reported
Well depth: 324
Source of depth data: Not Reported
Real time data flag: Not Reported
Daily flow data end date: Not Reported
Peak flow data begin date: Not Reported
Peak flow data count: Not Reported
Water quality data end date: Not Reported
Ground water data begin date: Not Reported
Ground water data count: Not Reported

Type of ground water site: Single well, other than collector or Ranney type
Aquifer: ALLUVIUM (QUATERNARY)
Hole depth: Not Reported
Project number: CA-9-358M
Daily flow data begin date: Not Reported
Daily flow data count: Not Reported
Peak flow data end date: Not Reported
Water quality data begin date: Not Reported
Water quality data count: Not Reported
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

CALIFORNIA GOVERNMENT WELL RECORDS SEARCHED

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).

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.

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.

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations

Source: Department of Conservation

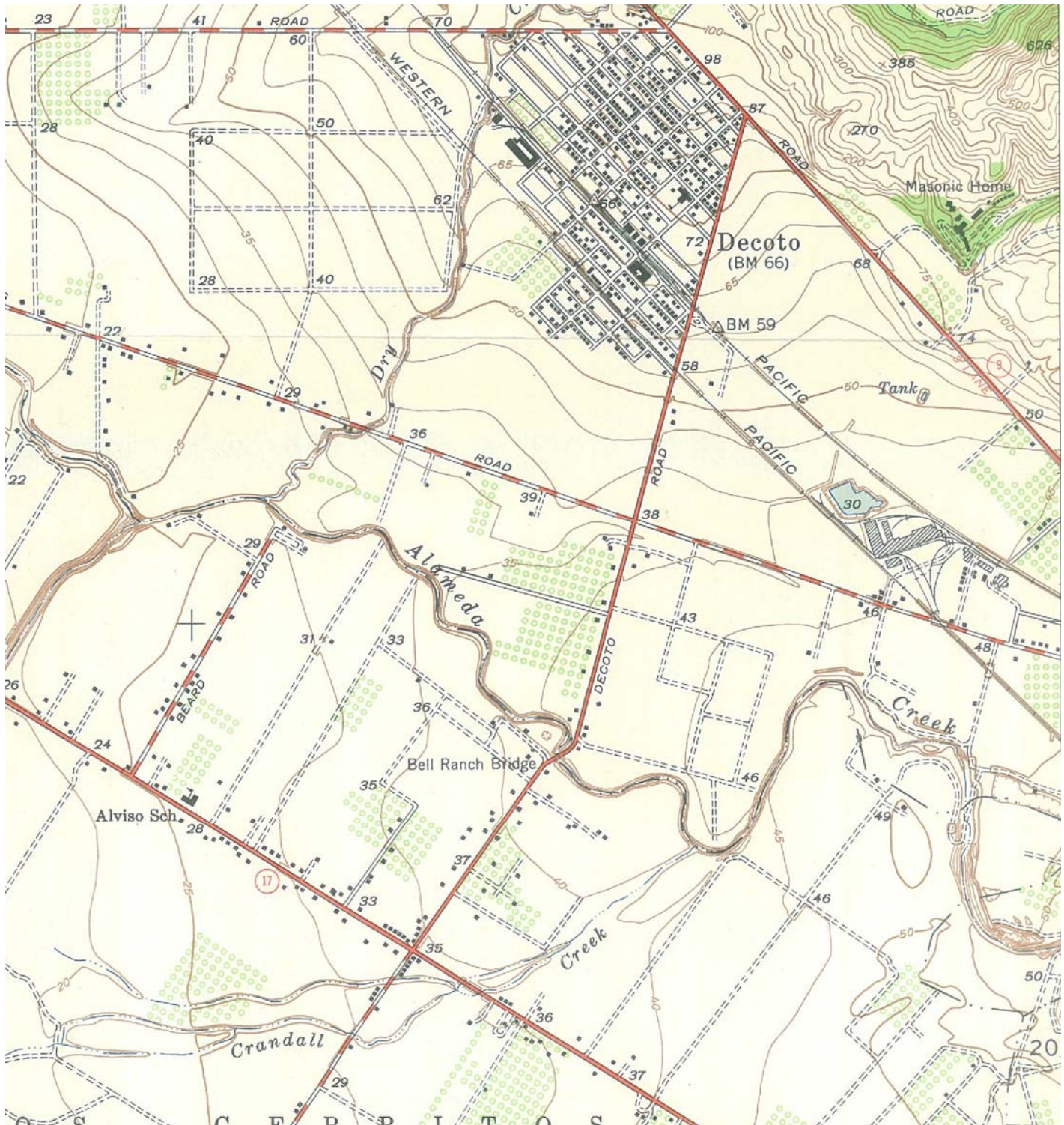
Telephone: 916-323-1779

STREET AND ADDRESS INFORMATION

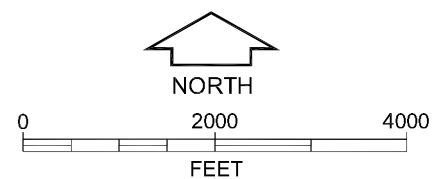
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APPENDIX C
TOPOGRAPHIC MAPS

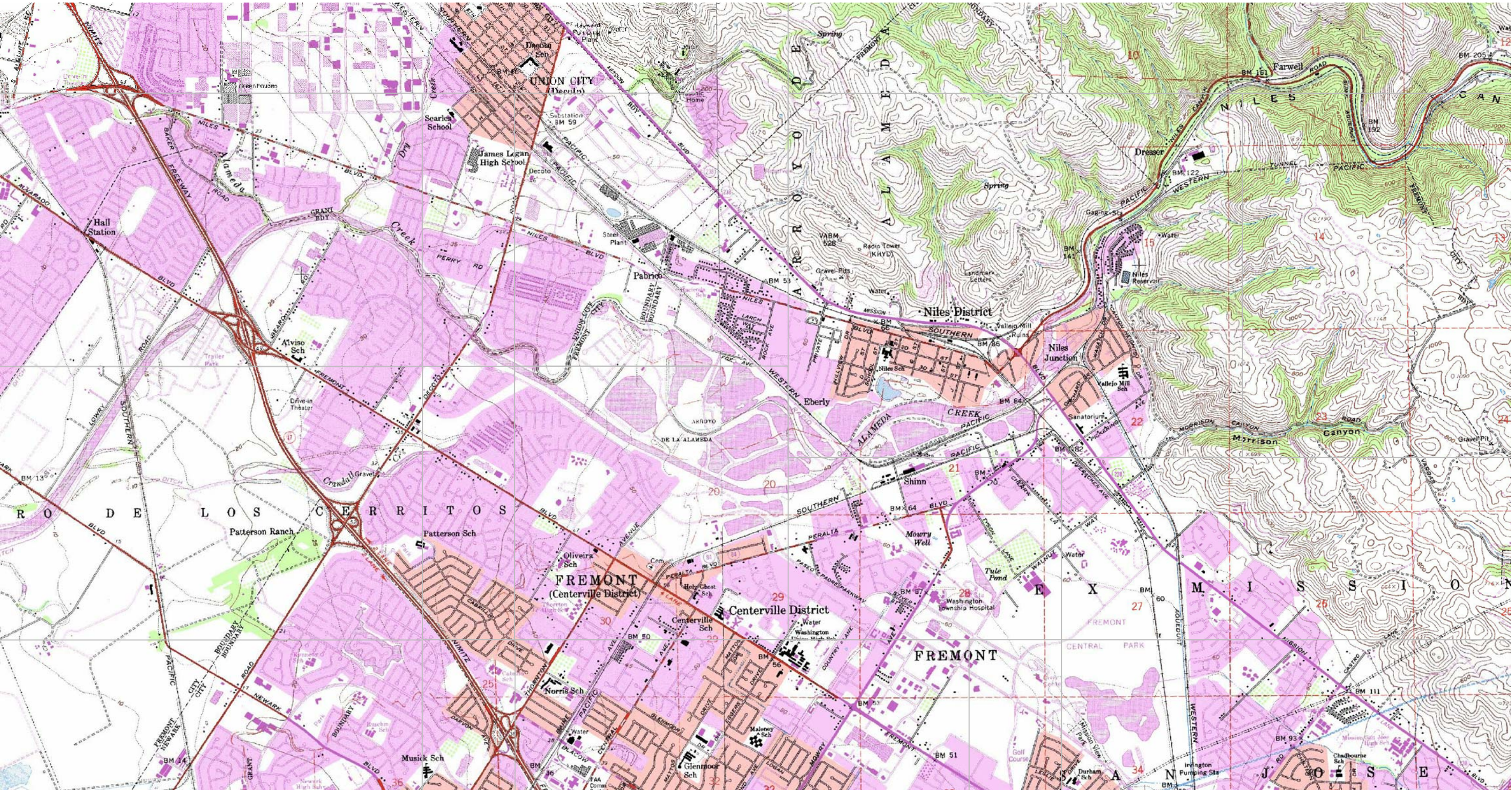
G:\jobdocs\3303\3303.003\Drawings\A3303_003_02.dwg 8-19-08 12:02:56 PM vtong



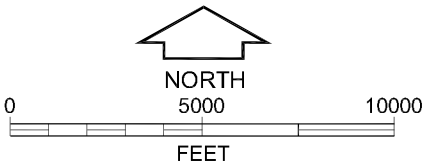
SOURCE: USGS Newark Quadrangle 7.5 Minute Series Topography, dated 1947.



SITE TOPOGRAPHY - 1947
Proposed I-880 to 238 East-West Connector
Alameda County, California

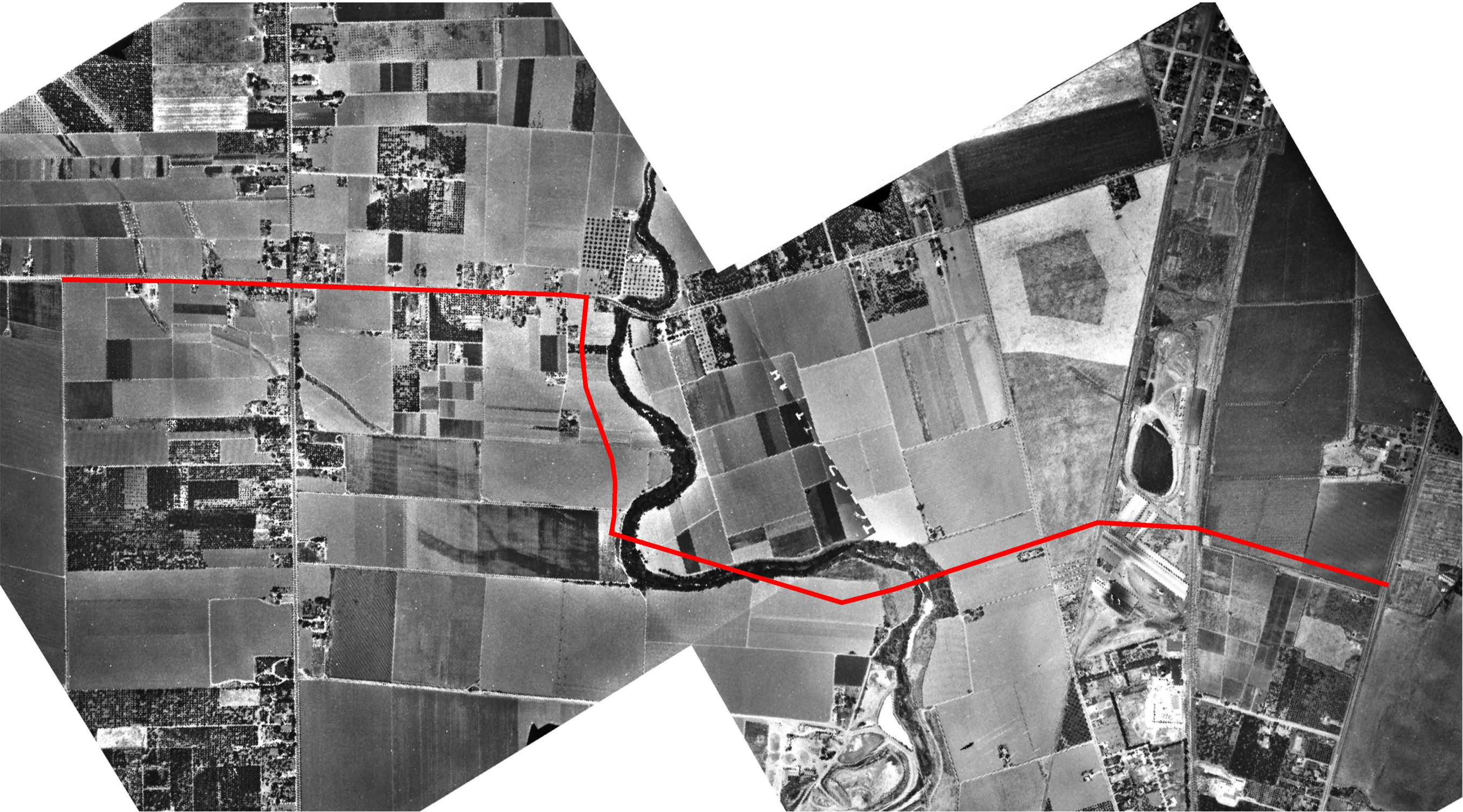


SOURCE: <http://terraserver-usa.com>



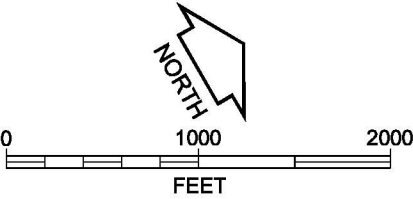
SITE TOPOGRAPHY - 1978, PHOTOREVISED 1998
Proposed I-880 to 238 East-West Connector
Alameda County, California

APPENDIX D
AERIAL PHOTOGRAPHS

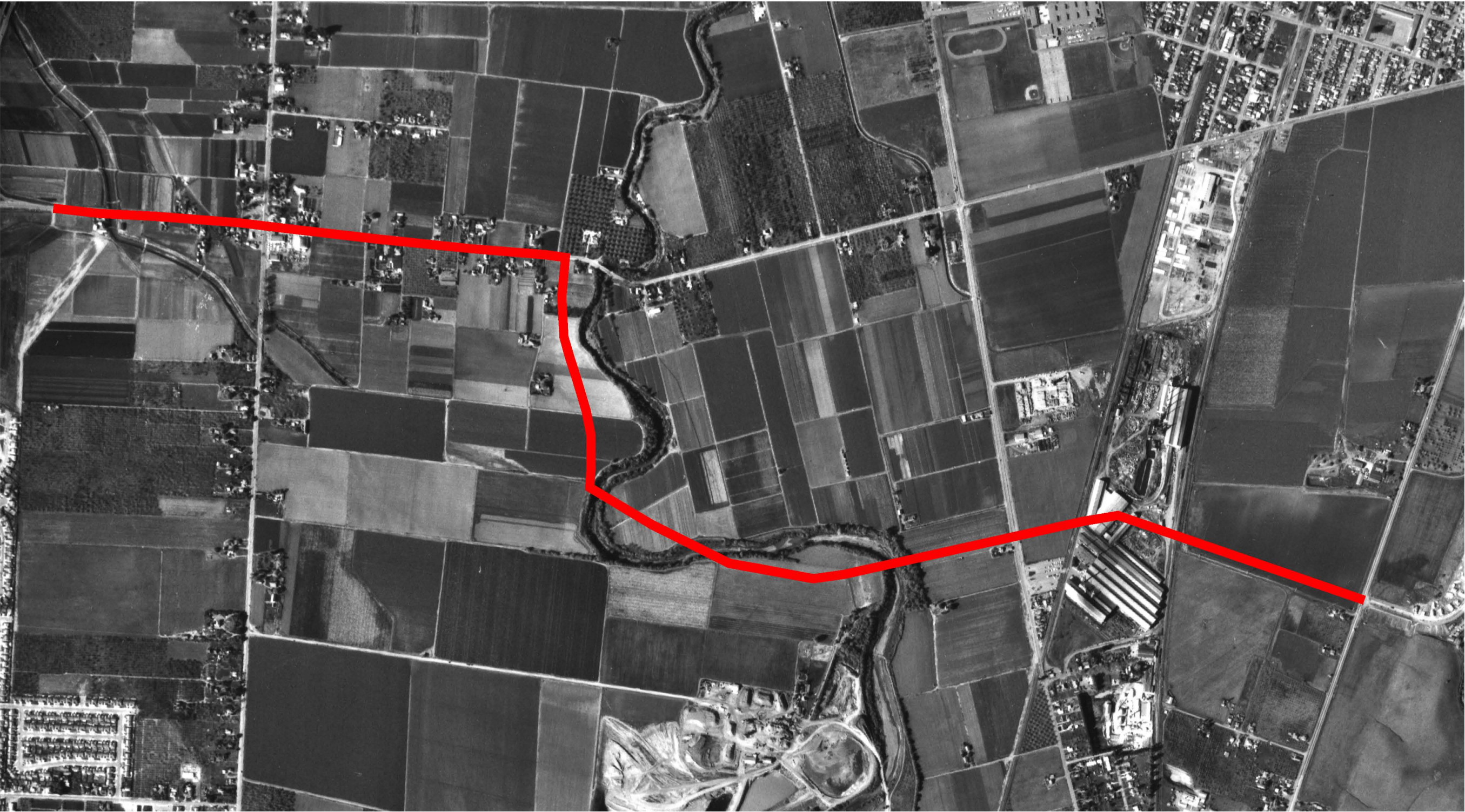


SOURCE: Pacific Aerial Survey
AV119-24-28
AV119-23-31
Flight date: June 1, 1954

LEGEND
 LOCATION OF PROPOSED ALIGNMENT

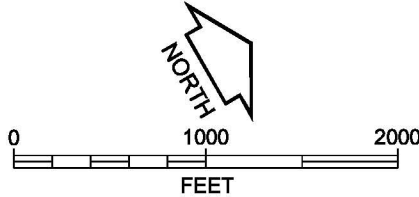


AERIAL PHOTO - 1954
Proposed I-880 to 238 East-West Connector
Alameda County, California

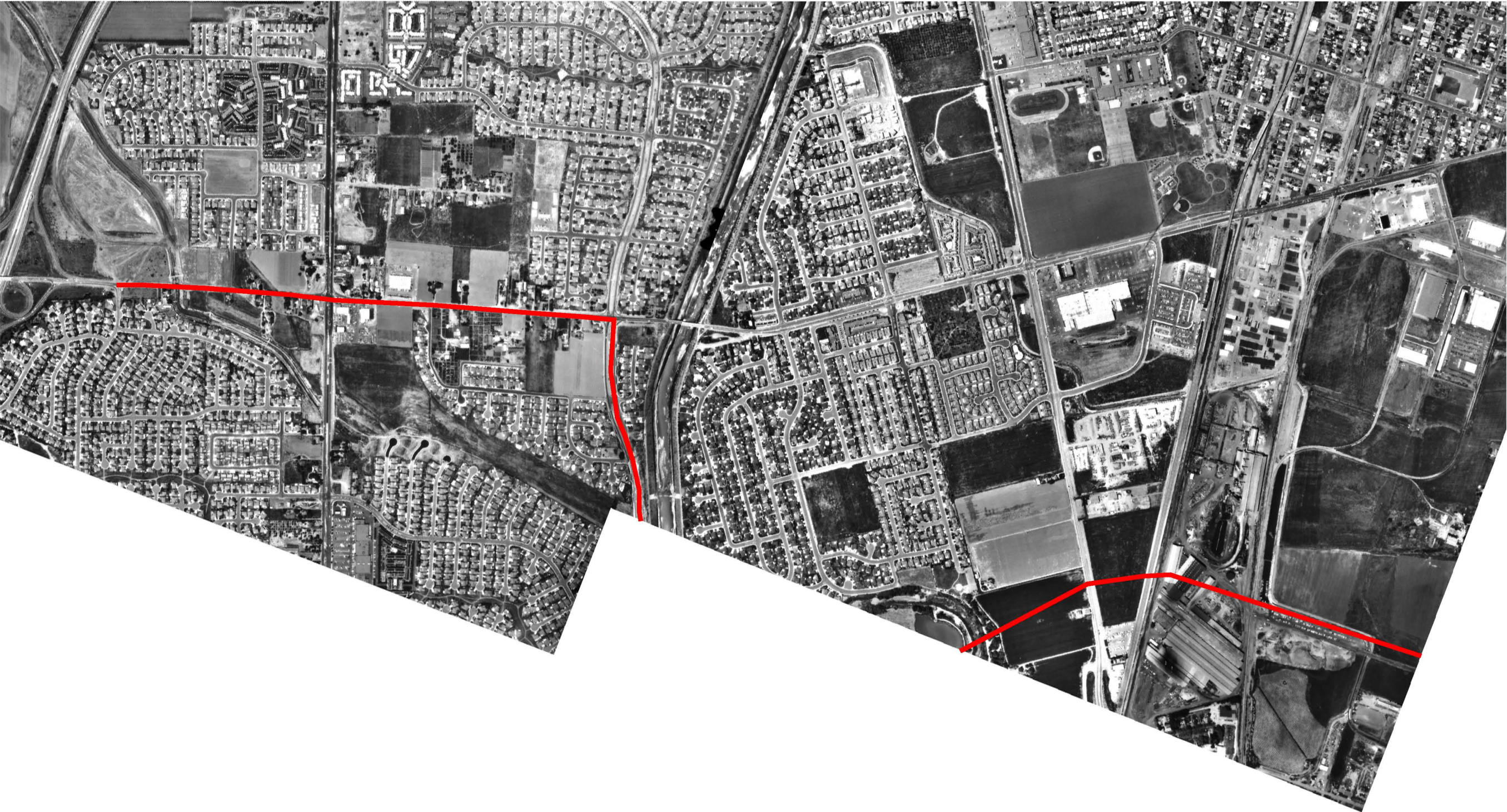


SOURCE: Pacific Aerial Survey
AV572-6-8
AV572-6-9
Flight date: December 11, 1963

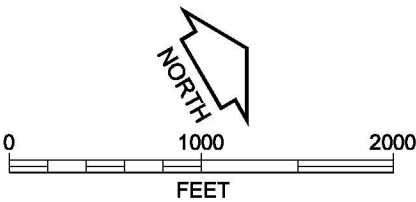
LEGEND
 LOCATION OF PROPOSED ALIGNMENT



AERIAL PHOTO - 1963
Proposed I-880 to 238 East-West Connector
Alameda County, California



G:\jobdocs\3303\3303.003\Drawings\B3303_003_07.dwg 8-19-08 12:39:55 PM vtong



SOURCE: Pacific Aerial Survey
AV1193-6-49, Flight date: May 19, 1975
AV1193-7-42, Flight date: May 6, 1975

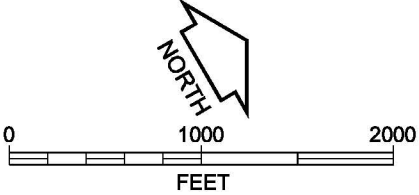
LEGEND
 LOCATION OF PROPOSED ALIGNMENT

AERIAL PHOTO - 1975
Proposed I-880 to 238 East-West Connector
Alameda County, California



SOURCE: Pacific Aerial Survey
AV5200-21-48
AV5200-21-49
Flight date: October 8, 1996

LEGEND
 LOCATION OF PROPOSED ALIGNMENT



AERIAL PHOTO - 1996
Proposed I-880 to 238 East-West Connector
Alameda County, California

APPENDIX E
PERTINENT DOCUMENTS

SUPER 7/CITGO GAS PROPERTY



HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
GERALD H. WINN, DIRECTOR
HAZARDOUS MATERIALS MANAGEMENT DIVISION
470 - 27TH STREET, ROOM 322
OAKLAND, CA 94612 (415) 874-7237

- (X) HAZARDOUS MATERIALS RELEASE AND NOTIFICATION REPORT (H&SC 25180.7)
() EMERGENCY RESPONSE

1. INFORMATION RECEIVED BY: Julie Belomy
DATE: 9/16/91 TIME: _____
2. INCIDENT LOCATION: _____
3. DATE OF INCIDENT: _____ TIME OF INCIDENT: _____
4. REPORTED BY: Julie Belomy AGENCY: City of Fremont Environmental Protection Div.
ADDRESS: 39572 Stevenson Place, Ste. 125, Fremont, CA 94539
TELEPHONE: (510) 791-4279 CONTACT NAME: _____
5. TYPE OF DISCHARGE:
____ Discharge from vehicle _____ License Plate No. _____
____ Manifest/Shipping Information: _____
____ Abandoned Material _____ ☒ Fixed Facility
Name: Super Seven #18916 Address: 35015 Fremont Blvd.
City: Fremont Zip: 94555
____ Other (Specify) _____
6. ESTIMATED QUANTITY DISCHARGED: unknown
QUANTITY THREATENED TO BE RELEASED: none
7. NATURE OF MATERIAL:
____ Solid ☒ Liquid _____ Gas _____ Powder _____ Granular
____ Radio Active _____ Other _____
Chemical Name Gasoline; Diesel Common Name _____
8. HAZARDOUS PROPERTIES: _____ Corrosive ☒ Ignitable _____ Toxic _____ Reactive _____ Other _____
9. HAZARDOUS MATERIAL WAS RELEASED TO:
____ Air _____ Storm Drain _____ San Francisco Bay _____ Sanitary Sewer
____ Other Natural Waterway (creek, lake, reservoir) _____ Ground Water
☒ Ground Surface (soil, road, etc.) ☒ Other (Specify) undetermined
10. WEATHER CONDITIONS: N/A
11. NUMBER OF INJURED PERSONS REQUIRING HOSPITALIZATION: N/A
NAMES AND ADDRESSES OF HOSPITALS UTILIZED:

12. PERSONS PRESENT AT SCENE:

NAME	AFFILIATION	PHONE NO.
Julie Belomy	City of Fremont	(510) 791-4279
Tom Judy	Alton Geoscience	(510) 682-1582
Rick Henderson	Golden West Builders	(415) 634-1998

13. RESPONSIBLE PARTY:

NAME: Southland Corporation (Beth Caldwell) PHONE NO. (415) 463-2711
 ADDRESS: P.O. Box 404, Pleasanton, CA 94588

14. EVIDENCE COLLECTED (SAMPLES, PHOTOGRAPHS, ETC.)

soil samples; photos

15. CLEAN-UP ACTIONS: none yet

NAMES AND ADDRESSES OF PERSONS DOING CLEAN-UP.
none yet

DESCRIPTION OF CLEAN-UP ACTIONS: requires overexcavation

16. TIME INCIDENT CLOSED: _____

17. ELAPSED TIME: _____

18. DISCHARGE NOT TO BE NOTIFIED (X)

☒ Unlikely to Cause Substantial Injury to Public Health & Safety ☐ Public knowledge
☐ Ongoing criminal investigations ☐ Permitted Discharge ☐ Other

19. DISCHARGE NOT TO BE NOTIFIED ()

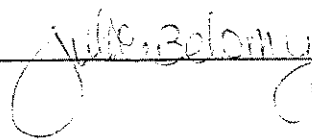
FACTORS DETERMINING THAT THIS HAZARDOUS WASTE DISCHARGE OR POTENTIAL DISCHARGE IS LIKELY TO CAUSE SUBSTANTIAL INJURY TO THE PUBLIC HEALTH OR SAFETY

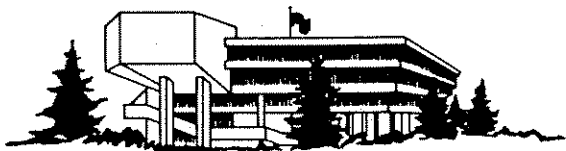
20. NOTIFICATION

☐ Board of Supervisors
☐ Health Officer
☐ Alameda County Press Room
☐ California Department of Health Services
☐ Reporting Agency or Individual

By copy of this report to the above listed agencies and officials, we are hereby submitting this information on behalf of all designated employees of the Department of Environmental Health, according to Section 25180.7, Health & Safety Code. The information submitted in this report is based upon the best available information at the time the report was completed.

Inspector's Name: Julie Belomy Date: 9/17/91

Inspector's Signature: 



City of Fremont

39700 Civic Center Drive
P.O. Box 5006
Fremont, California 94537

June 19, 1991

Mr. Tom Greenland
The Southland Corporation
5820 Stoneridge Mall Road, Suite 310
Pleasanton, CA 94588

CERTIFIED MAIL# P 428 494 445

RE: SUPER-7 SERVICE STATION, #2214-18915,
35015 FREMONT BOULEVARD, FREMONT, CA.

Dear Mr. Greenland:

Thank you for attending the May 10, 1991 meeting held at the offices of Fremont's Environmental Protection Division (EPD) to discuss the compliance status of the abandoned service station located at the above referenced site. As was explained during this meeting, the level of risk to the community for station operation with the existing abandoned tanks is unacceptable. Highlights of EPD files include the following items.

Correspondence dated June 26, 1986 to Fremont Fire Department (FFD) from Southland (7-11) documents the installation of three groundwater monitoring wells and two vadose wells to monitor the tanks in accordance with California Code of Regulations (CCR), Title 23, Article 4, Section 2641(c)(6). Measurable levels of gasoline constituents were identified in the soil and groundwater as reported in the Rapid Recovery Products May 30, 1986 submittal.

An Underground Storage Tank Unauthorized Release Report was filed on June 26, 1986 by 7-11 to document the presence of gasoline constituents in soil and groundwater samples. The underground storage tanks at this site are single-walled. The onsite environmental contamination at this station is a violation of the California Code of Regulations (CCR), Title 23, Article 4, Section 2641(c)(6) and Section 79.11(a & f) of the Uniform Fire Code.

5
no
such
section

Chapt. 16



June 19, 1991
Super-7 Service Station
Page 2

Correspondence dated August 4, 1986 to FFD from 7-11 documents annual precision testing. Petro Title reported the tanks designated as South #1, South #2, North #1 and North #2 failed the tank systems test on 7/10/86.

Correspondence dated January 14, 1987 from 7-11 to FFD documents site operations ceased on 11/24/86. Activities performed to provide a status of Temporary-Out-of-Service included: (1) product removal, (2) the tanks were locked, (3) the power was shut-off, and (4) the property was fenced. On June 10, 1987 FFD designated this site as "TEMPORARILY OUT-OF-SERVICE" since the storage permit expired on May 30, 1987.

Correspondence dated May 5, 1987 to ACWD from 7-11 documents elevated levels of hydrocarbon constituents in groundwater monitoring wells immediately adjacent to the tank backfill.

Correspondence dated November 1, 1988 from FFD to 7-11 documents the denial of 7-11's October 17, 1988 request to re-open the station. As a result of the onsite contamination and inadequate facility monitoring, the FFD formally requested removal of the underground fuel tanks pursuant to the Uniform Fire Code, Section 79.114(e).

In correspondence dated December 16, 1988 from 7-11 to FFD, Mr. Greenland states, "as a result of a 'leveraged buyout' of the company...financial situation which will keep us from re-opening the station if a complete tank replacement is required...the station will have to remain vacant until funds are available for a new building and gasoline installation". This action constitutes a failure to properly close these tanks pursuant to Article 79, Section 79.115(f) of the Uniform Fire Code which requires any underground storage tank which has been out-of-service for a period of one year shall be removed.

Correspondence dated June 9, 1989 from 7-11 to ACWD documents the results of the quarterly groundwater sampling. Kleinfelder reported measurable concentrations of petroleum hydrocarbons, diesel and benzene, were detected in groundwater monitoring well MW-3 coincident with a 2.3 foot rise in the groundwater surface at the site possibly resulting in a significant mobilization of residual hydrocarbons.

Correspondence dated December 7, 1989 from EPD to 7-11 documents the denial of 7-11's second request to reactivate the station. Pursuant to Article 79, Section 79.115(a) of the UFC, tanks taken out-of-service as a result of a property's being abandoned shall be removed. A January 7, 1990 deadline for submittal of a Closure Plan has not been met.

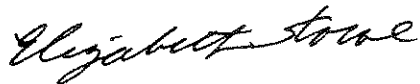
June 19, 1991
Super-7 Service Station
Page 3

Southland's third request to reopen this station has been denied based on Section 3-12302(e), Chapter 12 of the COF Hazardous Materials Management Ordinance which states "in determining whether continued storage is safe, the city shall consider...the methods of monitoring...the severity of potential unauthorized discharge."

The City of Fremont is very concerned regarding this site's continued lack of compliance with applicable hazardous materials management laws and regulations. Refusal to adequately address this issue is a violation of Ordinance No. 1632 (Chapter 12 of Title III) of the City of Fremont Municipal Code and applicable portions of the State of California Health and Safety Code including Chapters 6.5 and 6.95.

Please submit a Tank Closure Plan to EPD no later than September 1, 1991. Sustained refusal to adequately address this issue will result in case referral to the City Attorney for enforcement. Please be aware case referral may result in civil and/or criminal penalties and an assessment for the recovery of administrative costs for site investigation and enforcement.

Sincerely,



ELIZABETH STOWE
Environmental Protection Division

cc: Jim Gonzales, City of Fremont
Jill Duerig, Alameda County Water District
Alice Sprague, Alameda County District Attorneys Office



April 28, 1995
File: 10-1637-03

Mr. Matthew Brennan
Alameda County Water District
P. O. Box 5110
43885 South Grimmer Boulevard
Fremont, California 94537

MAY 2 1995

SUBJECT: Soil Stockpile Sampling and First Quarter 1995 Groundwater Monitoring and Sampling Report, Southland Store Number 18916, 35015 South Fremont Boulevard, Fremont, California

Dear Mr. Brennan:

Kleinfelder has prepared this report on behalf of The Southland Corporation. This report presents both the analytical results of soil samples collected from an existing aerated soil stockpile and the results of first quarter 1995 groundwater monitoring and sampling conducted at the subject site (Plate 1). The soil stockpile sampling was performed in response to the letter dated January 25, 1995, from Ms. Julie Belomy of the Fremont Fire Department. This report also provides response to the letter dated February 28, 1995, from the Alameda County Water District (ACWD) requesting the status of investigation and remediation at the subject site. As per the conversations of our Mr. Rajeev Cherwoo with you, and Ms. Julie Belomy, the due date for submitting this report was extended to allow us to perform historical data review. Plate 2 shows the stockpile sampling locations and Plate 3 shows the monitoring well locations. A summary of the site background is presented as Appendix A.

SOIL STOCKPILE SAMPLING

On February 27, 1995, a Kleinfelder geologist collected five samples from an existing aerated soil stockpile at the subject site. This stockpile consists of approximately 375 yd³ of soil generated from previous excavation activities at the site. Ms. Julie Belomy of the Fremont Fire Department was on-site to observe stockpile sampling procedures. (1)

Five soil samples were collected from the stockpile at locations determined in the field (Plate 2). A hand auger was used to drill to the desired sampling depth. A sample was then collected using a hand sampler lined with a clean brass tube. A brass sampling tube containing soil was then sealed with Teflon™ film and plastic end caps, labeled, logged onto a chain of custody form, and placed inside an ice chest for transport to the Columbia Analytical Services, Inc. (Columbia) laboratory. Samples were analyzed for total petroleum hydrocarbons quantified as gasoline

(TPH-g) and diesel (TPH-d), and for benzene, toluene, ethylbenzene, and total xylenes (BTEX). The analytical laboratory report from Columbia is included as Appendix B. Analytical data are summarized in Table 1.

GROUNDWATER LEVEL MEASUREMENTS

On March 24, 1995, the top of the PVC well casings for monitoring wells MW-1 through MW-5 were surveyed by Kleinfelder in reference to an assumed datum of 104.23 feet (southeast corner of the kiosk building). Depth to groundwater was measured and recorded from the five groundwater monitoring wells at the site. These measurements were made in accordance with the field protocols included as Appendix C. Well construction details are given in Table 2. The Record of Water Level Measurements is included in Appendix D. Groundwater surface elevation contours for MW-1 through MW-5 are presented on Plate 3. Based on the groundwater elevation data, the inferred groundwater flow direction beneath the site is southwesterly with an approximate gradient of 0.0009 ft/ft.

GROUNDWATER SAMPLING

On March 24, 1995, groundwater samples were collected from four monitoring wells MW-1, MW-2, MW-4, and MW-5 at the site. A groundwater sample was not collected from MW-3 due to apparent damage to the well casing, as a result of which the sampling bailer was not able to reach groundwater. The monitoring wells were sampled in accordance with the field protocols included as Appendix C. Purge characterization and sample logs are included in Appendix D.

Samples were submitted under chain of custody control to Columbia and analyzed for TPH-g, TPH-d, and BTEX. The analytical laboratory report from Columbia is included as Appendix E. A summary of historical and current groundwater analytical data are summarized in Table 3.

Two 55-gallon drums of wastewater were generated during well purging activities at the site. These drums will be removed from the site by Romic Environmental Technologies Corporation of Palo Alto, California, and transported under manifest control for appropriate disposal in May 1995.

RESULTS OF HISTORICAL DATA REVIEW AND CONCLUSIONS

In response to your letter dated February 28, 1995, requesting the status of investigation and remediation at the subject site, available soil and groundwater historical data related to the site were reviewed. Based on this data review, following is the itemized response to the issues presented in your letter:

1) "Determination of the Extent and Magnitude of Soil Contamination"

The data presented in this section can be found in a report prepared by Alton Geoscience, Pleasanton, California, titled "Interim Source Removal Report, for Former Super - 7 Service Station Number 18916, 35015 Fremont Boulevard, Fremont, California", and dated February 4, 1992.

On August 23, 1991, after the removal of two underground storage tanks (USTs) from the east area, four soil samples were collected from approximately 13 feet below ground surface (bgs) and analyzed for TPH-g, TPH-d and BTEX (Compounds of Concern). Only one soil sample indicated the presence of very low levels of Compounds of Concern, i.e., TPH-g at 2 parts per million (ppm) and BTEX <1 ppm. Based on these low concentrations of the Compounds of Concern, Kleinfelder recommends no further action in this area.

On August 23, 1991, after the removal of three USTs from the west area, nine soil samples were collected from approximately 13 feet bgs. Several of these samples indicated the presence of high concentrations of Compounds of Concern. On October 24, 1991, the USTs excavation was then extended and ten confirmatory soil samples were collected from 19.5 feet bgs. Five out of the ten soil samples continued to indicate the presence of moderate to high concentrations of Compounds of Concern. It is apparent that the excavation was then further extended to approximately 21 feet bgs in these areas and one final confirmatory soil sample was collected. Analytical results of this sample reported TPH-g at 5 ppm, TPH-d at 670 ppm, and BTEX at <0.003 ppm, 0.006 ppm, 0.015 ppm, and 0.84 ppm respectively. Based on these lower concentrations of Compounds of Concern detected in the final confirmatory soil sample, Kleinfelder believes that majority of impacted soils in this area were removed by excavation. Also based on subsequent non-detect groundwater concentrations, Kleinfelder believes that the residual low concentrations of Compounds of Concern in soils in that area have naturally attenuated and no longer pose a threat to groundwater.

On October 24, 1991, after the removal of product pipelines and fuel dispensers, eight soil samples were collected around the two dispenser islands from approximately 3 feet bgs. Only one out of these eight soil samples indicated the presence of TPH-g at 1,300 ppm, and two soil samples indicated the presence of TPH-d at 1,800 ppm and 42 ppm. Kleinfelder believes that impacted soils limited to shallow subsurface may be present in this area. Based on the subsurface lithology in this area (clays from grade up to 17 feet bgs), it is also believed that this contamination has been contained to shallow depths only, and has not impacted groundwater. Southland is planning to re-develop the site in the near future. Kleinfelder proposes to excavate these soils during construction activities at the site at that time.

On February 27, 1995, five soil samples were collected from the aerated soil stockpile at the site. Analytical results of these soil samples did not indicate the presence of Compounds of Concern above the laboratory detection limits. Based on these non-detect analytical results, the soil

stockpile is considered safe to be left in place and will be used as backfill during future construction activities at the site.

- 2) *"Definition of the Horizontal and Vertical Extent of Groundwater Contamination" and*
- 3) *"Interpretation of Hydrogeologic Data"*

On March 24, 1995, monitoring well survey and groundwater monitoring and sampling were conducted at the site. Analytical results of groundwater samples collected from four of the on-site monitoring wells did not indicate the presence of Compounds of Concern above the laboratory detection limits. Based on the non-detect concentrations of the Compounds of Concern at the last sampling event (February 1990) and this recent sampling event, Kleinfelder believes that the groundwater beneath the site is not impacted and plans to perform one additional monitoring and sampling event at the site during the second quarter 1995 for confirmation. Monitoring well MW-3 will be abandoned as per ACWD guidelines during the future construction activities at the site.

- 4) *"Development of a Remediation Plan" and*
- 5) *"Quarterly Reporting"*

As discussed in the response to item number 1, soil contamination in the two former UST areas were very low and are believed to have naturally attenuated. No remedial action is proposed for these two areas. Soil contamination which is believed to be contained in the shallow subsurface in the former fuel dispensers area will be addressed by excavation and disposal or onsite treatment during future construction activities at the site. Remediation and confirmatory sampling in the former fuel dispensers area will be performed as per the approval and requirements of ACWD. Additionally, Kleinfelder proposes to perform one additional groundwater monitoring and sampling event at the site. Based on expected non-detect concentrations of Compounds of Concern from that event, proposal to discontinue groundwater monitoring at the site will be submitted to your office for approval. A request for environmental closure for the site will be submitted to your office after the soil contamination in former fuel dispensers area is addressed.

LIMITATIONS

This report was prepared in general accordance with the accepted standard of practice which exists in Northern California at the time the investigation was performed. It should be recognized that definition and evaluation of environmental conditions is a difficult and inexact art. Judgments leading to conclusions and recommendations are generally made with an incomplete knowledge of the conditions present. More extensive studies, including additional environmental investigations, may reduce the inherent uncertainties associated with such studies. If Southland wishes to reduce the uncertainty beyond the level associated with this study, Kleinfelder should be notified for additional consultation.


Our firm has prepared this report for Southland's exclusive use for the particular project and in accordance with generally accepted engineering practices within the area at the time of our investigation. No other representations, expressed or implied, and no warranty or guarantee is included or intended.

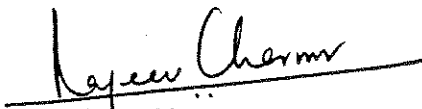
This report may be used only by Southland and only for the purposes stated, within a reasonable time from its issuance. Land use, site conditions (both on-site and off-site) or other factors may change over time, and additional work may be required with the passage of time. Any party other than Southland who wishes to use this report shall notify Kleinfelder of such intended use. Based on the intended use of the report, Kleinfelder may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements by Southland or anyone else will release Kleinfelder from any liability resulting from the use of this report by any unauthorized party.

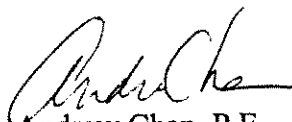
If you have any questions regarding this report, please contact Andrew Chan at (510) 484-1700.

Sincerely,

KLEINFELDER, INC.


Douglas C. Guenther
Staff Geologist

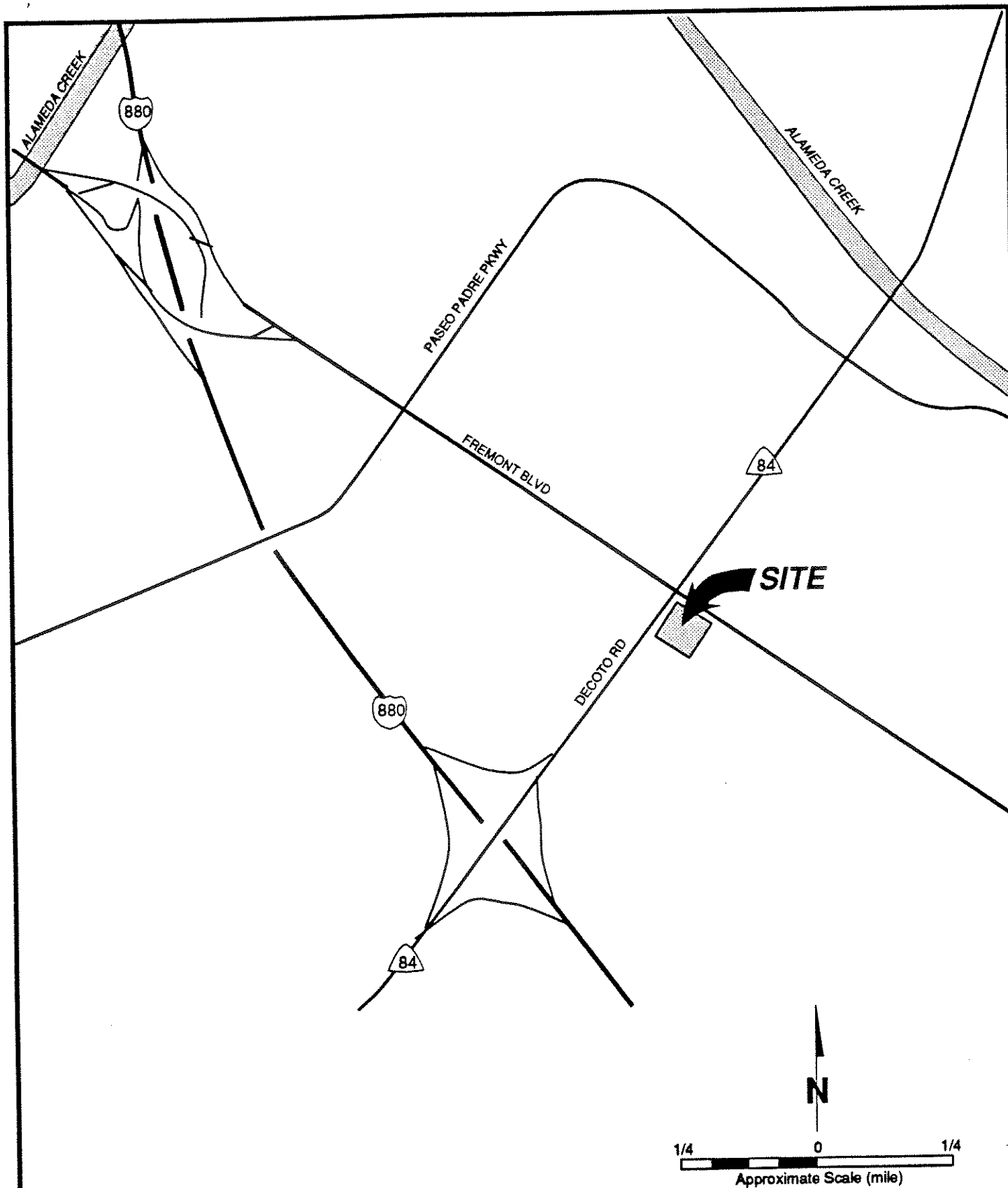

Rajeev Cherwoo
Staff Engineer


Andrew Chan, P.E.
Senior Project Manager

DCG\RC\AC:ch

cc: Julie Belomy, Fremont Fire Department

PLATES



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SITE LOCATION MAP

PLATE

SOUTHLAND STORE NO. 18916
 35015 SOUTH FREMONT BOULEVARD
 FREMONT, CALIFORNIA

1

DRAFTED BY: L. Sue

DATE: 4-10-95

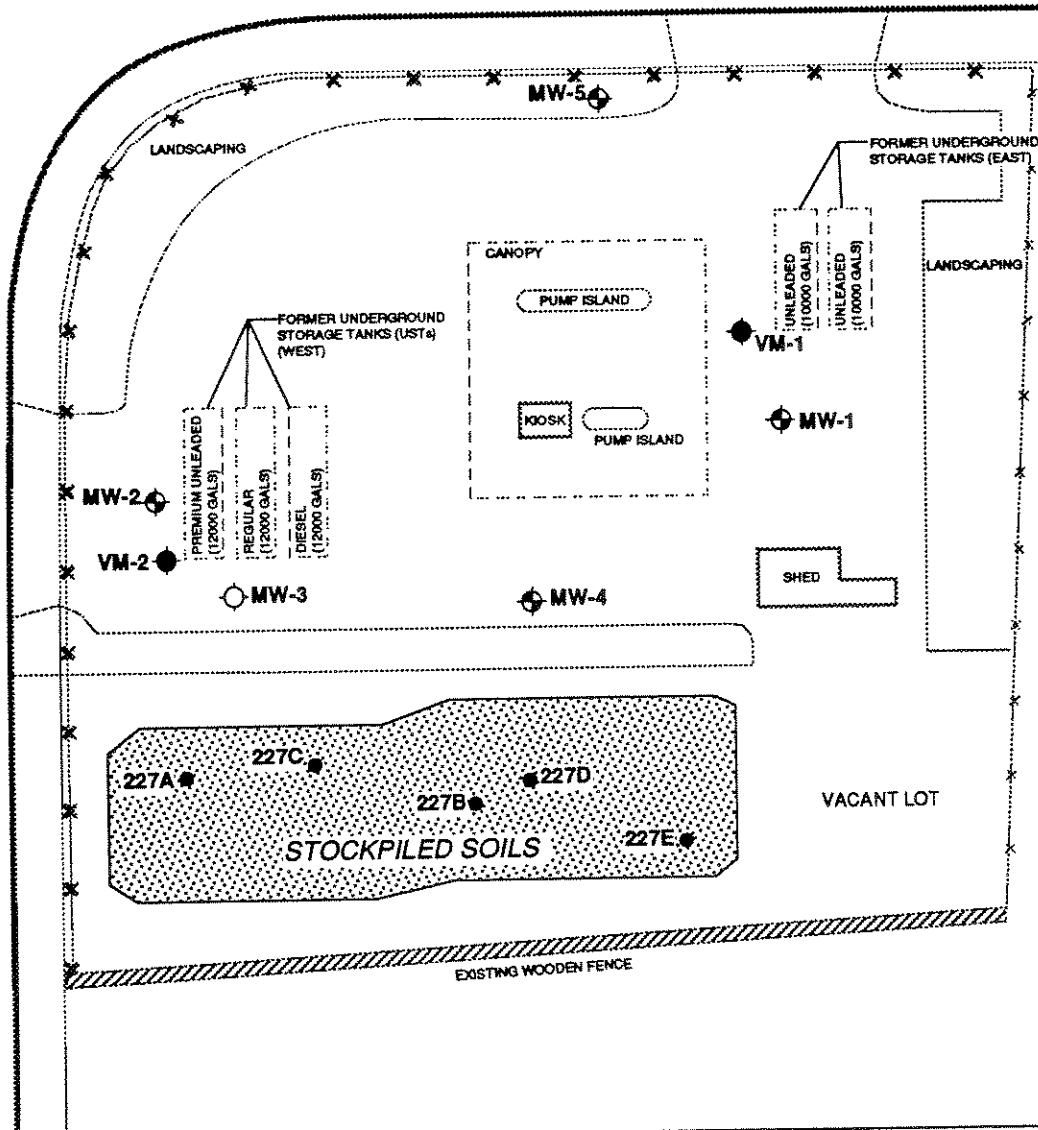
CHECKED BY: A. Chan

DATE: 4-11-95

PROJECT NUMBER 10-1637-03

FREMONT BOULEVARD

DECOTO ROAD



LEGEND

- *—*— CHAIN LINK FENCE
- DAMAGED WELL
- ⊕ MONITORING WELL
- ◆ FORMER VADOSE ZONE WELL
- STOCKPILE SOIL SAMPLE LOCATION

NOTES:

1. Locations are approximate.



KLEINFELDER

SOIL STOCKPILE SAMPLING LOCATIONS

SOUTHLAND STORE NO. 18916
35015 SOUTH FREMONT BOULEVARD
FREMONT, CALIFORNIA

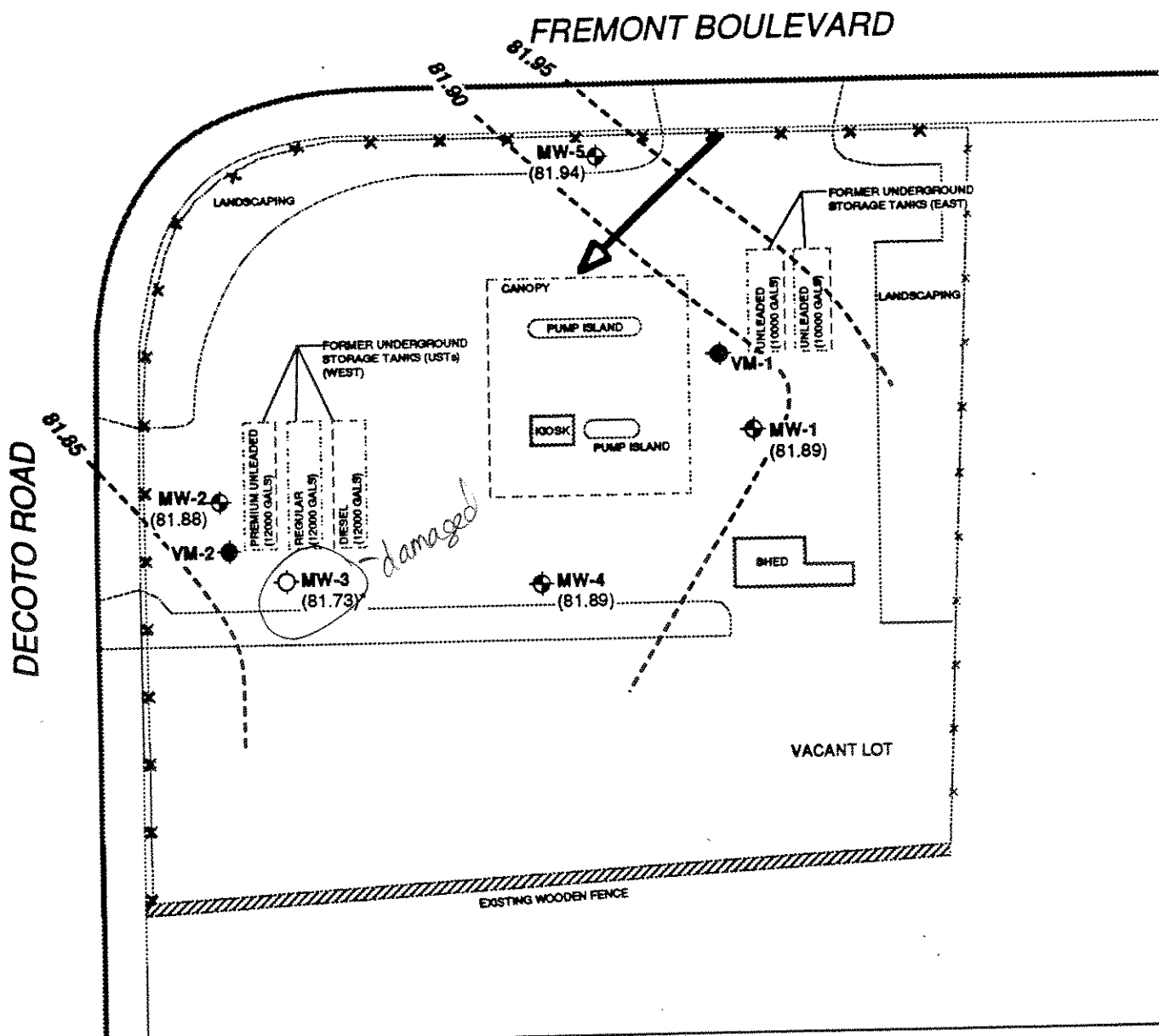
PLATE

2

DRAFTED BY: L. Sue DATE: 4-10-95

CHECKED BY: A. Chan DATE: 4-20-95

PROJECT NUMBER 10-1637-03



LEGEND

- ✕ CHAIN LINK FENCE
- DAMAGED WELL
- ⊕ MONITORING WELL
- FORMER VADOSE ZONE WELL
- (81.88) GROUNDWATER SURFACE ELEVATION
- 81.90 GROUNDWATER SURFACE ELEVATION CONTOUR (feet, above mean sea level)
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTES:

1. Locations are approximate.
 2. TPH-g = Total Petroleum Hydrocarbons, as gasoline. $\mu\text{g/L}$ = micrograms per liter = parts per billion
 3. NS = Not Sampled; NA = Not Analyzed
 < = Not Detected at or above the noted laboratory reporting limit.
- Measurement was not used to generate this contour map.

WELL	TPH-g ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)
MW-1	<50	<0.5
MW-2	<50	<0.5
MW-3	NS	NS
MW-4	<50	<0.5
MW-5	<50	<0.5



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GROUNDWATER SURFACE ELEVATIONS AND ANALYTICAL RESULTS, MARCH 1995

SOUTHLAND STORE NO. 18916
 35015 SOUTH FREMONT BOULEVARD
 FREMONT, CALIFORNIA

PLATE

3

DRAFTED BY: L. Sue

DATE: 4-10-95

CHECKED BY: A. Chan

DATE: 4-20-95

PROJECT NUMBER 10-1637-03

TABLES

TABLE I
STOCKPILE SOIL ANALYTICAL RESULTS
SOUTHLAND LOCATION NO. 18916
35015 SOUTH FREMONT BOULEVARD
FREMONT, CALIFORNIA

Sample ID & Depth	Depth Below Grade (feet)	Date of Sampling	TPH-g (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	TPH-d (mg/kg)
227A	1.2	02/27/95	ND	ND	ND	ND	ND	ND
227B	3.0	02/27/95	ND	ND	ND	ND	ND	ND
227C	1.5	02/27/95	ND	ND	ND	ND	ND	ND
227D	2.5	02/27/95	ND	ND	ND	ND	ND	ND
227E	2.5	02/27/95	ND	ND	ND	ND	ND	ND
Laboratory Reporting Limits	NA	NA	1.0	0.005	0.005	0.005	0.005	1.0 to 2.5

Notes:

TPH-g Total petroleum hydrocarbons quantified as gasoline
TPH-d Total petroleum hydrocarbons quantified as diesel
mg/kg Milligrams per kilogram or parts per million
ND Not detected above the laboratory method detection limit
NA Not analyzed / not applicable

TABLE 2
SUMMARY OF MONITORING WELL CONSTRUCTION DATA
FORMER SOUTHLAND LOCATION NO. 18916
35015 SOUTH FREMONT BOULEVARD
FREMONT, CALIFORNIA

Well Number	Boring Diameter (inches)	Well Diameter (inches)	Total Depth of Boring (feet)	Screened Interval (feet)
MW-1	8	2	34	22-34
MW-2	8	2	33	21-33
MW-3	8	2	34	19.5-34
MW-4	8	2	36.5	20-35
MW-5	8	2	36.5	20-35

TABLE 3
SUMMARY OF HISTORICAL AND CURRENT
GROUNDWATER MONITORING AND SAMPLING RESULTS
FORMER SOUTHLAND SERVICE STATION #18916
35015 SOUTH FREMONT BOULEVARD
FREMONT, CALIFORNIA

Well ID & Sample Number	Date of Sampling/ Monitoring	Casing Elevation (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	TPH-d (µg/l)	Laboratory
MW-1											
---	01/08/87	---	---	---	<500	180	34	<0.5	40	<500	NA
---	07/21/87	---	---	---	<50	<0.5	<0.5	<0.5	<2	<50	NA
---	12/16/87	---	---	---	700	29	43	1	160	700	NA
---	04/27/88	---	---	---	<100	<0.5	<0.5	<0.5	<2	<100	NA
---	07/18/88	---	---	---	<200	<0.5	<0.5	<0.5	<2	<50	NA
---	04/02/89	---	---	---	<100	<0.5	<0.5	<0.5	<2	<200	NA
---	08/14/89	---	---	---	<100	0.5	<0.5	<0.5	<2	<300	NA
---	11/15/89	---	---	---	<50	0.5	<0.3	<0.3	<1	<50	NA
---	02/13/90	---	---	---	<50	<0.3	<0.3	<0.3	<0.3	<50	NA
4663	03/24/95	100.24	18.35	81.89	<50	<0.5	<0.5	<0.5	<0.5	<50	CAS
MW-2											
---	01/08/87	---	---	---	<500	23	2	3	9	<500	NA
---	07/21/87	---	---	---	<50	<0.5	<0.5	<0.5	<2.0	<50	NA
---	12/16/87	---	---	---	NA	NA	NA	NA	NA	NA	NA
---	04/27/88	---	---	---	NA	NA	NA	NA	NA	NA	NA
4665	03/24/95	98.23	16.35	81.88	<50	<0.5	<0.5	<0.5	<0.5	<50	CAS
MW-3											
---	01/08/87	---	---	---	<500	110	22	12	44	<500	NA
---	07/21/95	---	---	---	<50	<0.5	<0.5	<0.5	<2	<50	NA
---	12/16/87	---	---	---	<50	3	1	<0.5	6	<50	NA
---	04/27/88	---	---	---	<100	1	<0.5	0.8	4	<100	NA
---	07/18/88	---	---	---	<200	<0.5	<0.5	<0.5	<2	<50	NA
---	04/02/89	---	---	---	<100	3	<0.5	<0.5	<2	1000	NA
---	08/14/89	---	---	---	<100	<0.5	<0.5	<0.5	<2	<300	NA
---	11/15/89	---	---	---	<50	<0.3	<0.3	<0.3	<1	<50	NA
---	02/13/90	---	---	---	<50	<0.3	<0.3	<0.3	<0.3	<50	NA
4666	03/24/95	97.75	16.02	81.73	NA	NA	NA	NA	NA	NA	NA

TABLE 3 (Continued)

Well ID & Sample Number	Date of Sampling/ Monitoring	Casing Elevation (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	TPH-d (µg/l)	Laboratory
MW-4											
---	01/08/87	---	---	---	<500	<0.5	<0.5	<0.5	<2	<500	NA
---	07/21/87	---	---	---	<50	<0.5	<0.5	<0.5	<2	<50	NA
---	12/16/87	---	---	---	<50	<0.5	<0.5	<0.5	<2	<50	NA
---	04/27/88	---	---	---	<100	0.6	0.9	<0.5	<2	<100	NA
---	07/18/88	---	---	---	<50	<0.5	<0.5	<0.2	<2	NA	NA
---	04/02/89	---	---	---	<100	<0.5	<0.5	<0.5	<2	<200	NA
---	08/14/89	---	---	---	<100	<0.5	<0.5	<0.5	<2	<300	NA
---	11/15/89	---	---	---	<50	<0.3	<0.3	<0.3	<1	<50	NA
---	02/13/90	---	---	---	<50	<0.3	<0.3	<0.3	<0.3	<50	NA
4667	03/24/95	99.26	17.37	81.89	<50	<0.5	<0.5	<0.5	<0.5	<50	CAS
MW-5											
---	01/08/87	---	---	---	<500	10	<0.5	<0.5	<2	<500	NA
---	07/21/87	---	---	---	<50	<0.5	<0.5	<0.5	<2	<50	NA
---	12/16/87	---	---	---	<50	<0.5	<0.5	<0.5	<2	<50	NA
---	04/27/88	---	---	---	<100	0.5	<0.5	<0.5	<2	<100	NA
---	07/18/88	---	---	---	<200	<0.5	0.7	0.5	2	140	NA
---	04/02/89	---	---	---	<100	<0.5	<0.5	<0.5	<2	<200	NA
---	08/14/89	---	---	---	<100	<0.5	<0.5	<0.5	<2	<50	NA
---	11/15/89	---	---	---	<50	<0.3	<0.3	<0.3	<1	<50	NA
---	02/13/90	---	---	---	<50	<0.3	<0.3	<0.3	<0.3	<50	NA
4664	03/24/95	100.00	18.06	81.94	<50	<0.5	<0.5	<0.5	<0.5	<50	CAS

LEGEND/NOTES:

(µg/l) - Micrograms per liter

TPH-g - Total petroleum hydrocarbons quantified as gasoline

TPH-d - Total Petroleum hydrocarbons quantified as diesel

NA - Not analyzed / not sampled / not applicable

---- - Not measured

CAS - Columbia Analytical Services, Inc.

<50 - Not detected at or above the noted laboratory reporting limit

Casing elevations surveyed by Kleinfelder on March 24, 1995 to an assumed datum of 104.23 (southeast corner of Kiosk at the site)

APPENDIX A

Appendix A

A Summary of Site Background

The site is currently an inactive gasoline service station located at the western corner of the intersection of Fremont Boulevard and DeCoto Road. The site is occupied by the service station canopy, a sales kiosk, a restroom and storage structure, and the remains of the fueling islands and pad. Security for the site is provided by a chain-link fence with access through locked gates.

The property was purchased by Southland from the Phillips Oil Company in 1976. The existing service station was operated by Southland until 1980, when the facility was completely reconstructed. Five single-walled fiberglass underground storage tanks were installed in two clusters at the site at that time. The west cluster consists of one 12,000 gallon diesel, one 12,000 gallon regular leaded, and one 12,000 gallon premium unleaded tank, and the east cluster consists of two 10,000 gallon unleaded tanks. The rebuilt facility was operated until November 1986, at which time it was closed.

In early 1986, Alameda County required installation of monitoring wells to bring the station into compliance with monitoring regulations for underground storage tanks. Three groundwater monitoring wells MW-1, MW-2, and MW-3 and two vadose zone monitoring wells VM-1 and VM-2 were installed by Rapid Product Recovery Groundwater Consultants on May 2, 1986. Soil samples collected during the installation of these monitoring wells did not contain petroleum hydrocarbon compounds. Ground water samples collected from these three monitoring wells contained some or all of these compounds.

A series of tank tightness tests and limited tank excavations were performed between August 4 and December 3, 1986. Results indicated potential product loss rates at several locations. Reconciliation of product inventory by Southland did not indicate any product loss.

On December 5, 1986, Kleinfelder installed two additional ground water monitoring wells MW-4 and MW-5 at the site. Soil samples collected during the installation of these monitoring wells did not contain petroleum hydrocarbon compounds. Ground water samples collected from all the five monitoring wells contained some or all of these compounds.

At the request of Southland, Kleinfelder completed a well canvass for the area of the site in June 1987. Of 29 wells identified within 1/2 mile of the site, none were identified as potential pathways for contamination of aquifers being used for beneficial uses. Quarterly ground water monitoring at the site began with the December 1986 sampling event described above and continued through May 11, 1990.

Between August and December 1991, Golden West Builders, assisted by Alton Geoscience (Alton), removed the five underground storage tanks and associated piping from the site under permit by the City of Fremont. Approximately 375 cubic yards (yd³) of hydrocarbon affected soil was removed from the vicinity of the tanks and spread on the adjacent vacant lot for aeration. The tank cavities were backfilled with approximately 1,600 tons of lime treated fines.



DIRECTORS
JOSEPH G. DAMAS, JR.
President
JIM GUNTHER
TIM ROLLISSON
PHIL UTIC
JOHN H. WEED

P.O. BOX 5110 • 43885 SOUTH GRIMMER BOULEVARD, FREMONT, CALIFORNIA 94537
PHONE (510) 659-1970 • FAX (510) 770-1793 • E-MAIL acwd@infolane.com

OFFICERS
JAMES D. BEARD
General Manager
RONALD PINO
Treasurer
MARVELL L. HERREN
District Secretary

October 14, 1997

Ms. Loretta Kahn Barsamian
Executive Officer
California Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

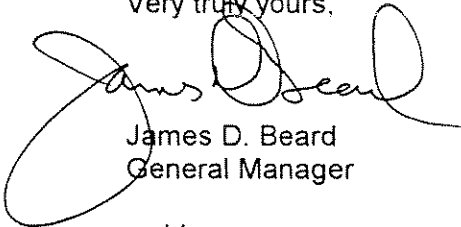
Attention: Kevin Graves

Subject: Leaking Underground Fuel Tank Case Closure of Super 7 No. 18916, 35015 Fremont Boulevard, Fremont

After reviewing the Alameda County Water District (ACWD) file on the fuel release which occurred at the Super 7 No. 18916, 35015 Fremont Boulevard, Fremont, it does not appear that further monitoring, investigation or remedial actions are necessary to protect the beneficial uses of our groundwater basin. Therefore, as specified in our June 27, 1996 Cooperative Agreement, ACWD recommends that no further action be required and that the Regional Water Quality Control Board close this case with a case closure letter. Enclosed is our Leaking Underground Fuel Tank Case Closure Summary for this site.

If you have any questions regarding this matter, please contact Steven Inn at (510) 659-1970, Extension 441.

Very truly yours,



James D. Beard
General Manager

sz:bk

cc (w/enclosure): Sukla De, Consultant, Fremont Fire Department
Bob DeNinno, The Southland Corporation
Shelby Lathrop, Fluor Daniel GTI

OCT 15 1997

OCT 21 1997

Case Closure Summary

Leaking Underground Fuel Tank Program

I. Agency Information

Date: **October 14, 1997**

Agency Name: Alameda County Water District	Address: P.O. Box 5110, 43885 South Grimmer Blvd.
City, State, ZIP: Fremont, CA 94537	Phone: (510) 659-1970
Staff Person: M. Selim Zeyrek	Title: Groundwater Resources Engineering Intern

II. Case Information

II. Case Information		
Site facility name: <i>Super 7 No. 18916</i>		
Site facility address: <i>35015 Fremont Boulevard, Fremont, CA 94536 (see Figure 1)</i>		
Local case number: <i>110</i>	Cleanup fund number: <i>NA</i>	
Unauthorized Release Form filing date:		<i>9/17/91</i>
Responsible Party	Address	Phone Number
<i>The Southland Corporation (Bob DeNinno)</i>	<i>19033 West Valley Hwy., D-104, Kent, WA 98032</i>	<i>(206) 251-9155</i>

Tank No.	Size (Gallons)	Contents	Type (SW=single wall)	Date Removed
1	12,000	Regular Gasoline	SW, Fiberglass UST	8/23/1991
2	12,000	Unleaded Gasoline	SW, Fiberglass UST	8/23/1991
3	12,000	Diesel	SW, Fiberglass UST	8/23/1991
4	10,000	Unleaded Gasoline	SW, Fiberglass UST	8/23/1991
5	10,000	Unleaded Gasoline	SW, Fiberglass UST	8/23/1991

III. Release and Site Characterization Information

Cause and type of release:	Leak from tanks and dispenser island /Gasoline+Diesel+BTEX		
Site characterization complete?	Yes	Investigative methods appropriate?	Yes
Monitoring wells installed?	Yes	Total No.: 6	Proper screened interval? Yes
Highest GW level (DTW):	16.02	Lowest depth: 29.54	Flow direction: S-SW
Are drinking water wells affected?	No	Aquifer name:	Shallow
Is surface water affected?	No	Affected SW name:	NA
Report(s) on file?	Yes	Where is report filed?	Alameda County Water District

Treatment and Disposal of Affected Material

Material	Amount (include units)	Action (treatment or disposal w/destination)	Date
Free product	None	NA	NA
Soil	342 cubic yards	Soil excavated from beneath the dispenser island transported to BFI, Half Moon Bay, CA.	9/25/1997
Groundwater	None	NA	NA

Case Closure Summary (Page Two)
Leaking Underground Fuel Tank Program

III. Release and Site Characterization Information (Continued)

Maximum Documented Contaminant Concentrations----Before and After Cleanup									
Contaminant	Soil (ppm)		Water (ppb)		Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPH-g	3,200	1.2	700	<50	Benzene	2.6	<0.005	180	<0.6
TPH-d	5,500	3	1,000	<50	Toluene	160	<0.005	43	<0.5
VOCs	<0.05	<0.05	--	--	Ethylbenzene	370	<0.005	12	<0.5
Lead	4,700	10	--	--	Xylenes	280	0.016	160	<0.5
					MTBE	<0.05	<0.05	<10	<10

Comments (Depth of remediation, etc.):

1- On August, 23-24/1991, petroleum hydrocarbons impacted soil was removed from beneath the former tanks and product lines. The excavation beneath the former tanks was extended to a depth of 21 ft and a verification sample collected at that depth indicated high levels of residual TPH-d, TPH-g, toluene, ethylbenzene and xylenes. On December 8, 1995, two verification soil samples were collected from a boring beneath the former tanks at depths of 21 and 26 feet and indicated very low concentrations of TPH-d and TPH-g (see Figure 2, Table 1). The residual soil contamination remaining beneath the site does not appear to pose a threat to beneficial uses of ground or surface water. According to Alton Geoscience, all excavated soil from beneath the tanks was either used as on-site backfill material or transported off-site to a permitted Class III disposal facility.

2- On 12/8/1995, soil samples collected from beneath the former pump island # 2 area indicated high levels of residual TPH-d and TPH-g (see Figure 3, Table 1). On 9/15/1997, approximately 342 cubic yards of petroleum hydrocarbons impacted soil was removed from beneath the pump island # 2 area and disposed off-site (see Figure 4, and Table 1). This remediation approach consisting of excavation of contaminated soil has effectively accomplished cleanup as verified by the results of groundwater monitoring (see Table 1A).

IV. Closure

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes			
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes			
Site management requirements:		None	
Should corrective action be reviewed if land use changes?		No	
City tank closure approval letter issued?		Yes	Date: 8/2/91
Monitoring wells destroyed?	Yes	Number destroyed: 6	Number remaining: 0
List enforcement actions taken:		None	

V. Local Agency Representative Data

Prepared by: M. Selim Zeyrek	Title: Groundwater Resources Engineering Intern
Signature: <i>M. Selim Zeyrek</i>	Date: 10/14/97
Reviewed by: Steven D. Inn	Title: Groundwater Resources Manager
Signature: <i>Steven D. Inn</i>	Date: 10/14/97
Reviewed by: Craig N. Hill	Title: Engineering Manager
Signature: <i>Craig N. Hill</i>	Date: 10/15/97

FORMER PSSC PROPERTY

Tino Maestes
ENVIROCON
1051 Kraftile Road
Fremont, CA 94536

July 22, 2004

The earthwork activities described below and conducted during the Route 84 Remedial Action of the Pacific States Steel Corporation Plant Site Union City, California (PSSC) were in general accordance with the Final Remedial Design and Implementation Plan (RDIP) as described and documented in this Route 84 Remedial Action Completion Report

These earthwork activities included the placement of materials in the Waste Consolidation Area (WCA), final excavation cleanout surveys, the placement of backfill in the excavated areas, and the topographic survey of the current site conditions

My review of the project data and quality control procedures performed indicate that these earthwork activities were within industry standards and in accordance with the Project's QA/QC plan

Based on my direct observations of these earthwork activities conducted on the site and my assessment of the persons directly responsible for gathering QA/QC information pertaining to earthwork activities, the information submitted in this report is, to be the best of my knowledge, accurate.

Respectfully submitted,



Rich Purdue PE
Independent Certifying Engineer
Innovative Technical Solutions Inc.



ITSI is issuing this statement based upon information furnished by Envirocon. Any conclusions or opinions included in this report are subject to reasonable revision based upon any new environmental or other data which is later developed.

July 22, 2004

Mr. Tino Maestas
Envirocon, Inc.
1051 Kraftile Road
Fremont, CA 94536

RE: Certification Letter
Route 84 Remedial Action Completion Report.
Pacific States Steel Corporation Site, Union City, CA

Dear Mr. Maestas:

The soil and groundwater field sampling performed for the Route 84 Remedial Action Completion Report at the Pacific States Steel Corporation Plant Site in Union City, California (PSSC) were, to the best of my knowledge and belief, conducted in general accordance with the Final Remedial Design and Implementation Plan (RDIP).

The field sampling was to the best of my knowledge and belief, conducted in general accordance with applicable industry standards and the Project's QA/QC plan.

Respectfully submitted,


Arvind Acharya, RG, CHG
CA Registered Geologist (R.G. # 6094) Certified Hydrogeologist (CHG # 473)
Innovative Technical Solutions, Inc.



ITSI is issuing this statement based upon information furnished by Envirocon, and based upon certain assumptions implicit in developing this type of statement. Any conclusions or opinions included in this report are subject to reasonable revision based upon any new environmental or other data which is later developed.



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July 22, 2004
ENV#14479-C066.B

Mr. Hodayune Atiqee
Department of Toxic Substances Control
700 Heinz Ave., Suite 200
Berkeley, California 94710

Subject; Pacific States Steel Corporation (PSSC) Plant Site, Union City, California
Route 84 Right-of-Way Remedial Action Completion Report (RACR)

Dear Mr. Atiqee:

Attached for your records is the Route 84 Right-of-Way (ROW) Remedial Action Completion Report (RACR), Revision 3 for the PSSC Site, Union City, California. The report provides the information to support the Remediation Design and Implementation Plan (RDIP) including Amendment I December 18, 2002, and Additional Work Items Beyond the Scope of the RDIP, March 24, 2003. The Route 84 ROW work scope included remediation of slag and impacted soils from the ROW, demolition of sumps, foundations and structures, backfill of the excavated areas and construction of the detention basin. The RACR contains a summary description of the work performed, verification and geotechnical sampling data, and as-built drawings.

Several Phase II activities were also completed during the course of the Route 84 ROW remediation including development of the WCA. These activities are noted in the RACR but will be addressed in detail in the Phase II RACR.

Sincerely,

Tino Maestas
Project Engineer

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ACRONYMS AND ABBREVIATIONS

ACFCD	Alameda County Flood Control District
ACWD	Alameda County Water District
AHA	Activity Hazard Analysis
BART	Bay Area Rapid Transit
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
CY	Cubic Yards
DTSC	Department of Toxic Substances Control (California)
ENV	Envirocon (contractor of record)
EPA	Environmental Protection Agency
GPS	Global Positioning System
ITSI	Innovative Technical Solutions Inc. (Subcontractor to Env.)
PCB	Polychlorinated-biphenyl
PG&E	Pacific Gas and Electric
PSSC	Pacific States Steel Corporation, (Union City Ca. project site)
QA/QC	Quality Assurance / Quality Control
RACR	Remedial Action Completion Report
RDIP	Remedial Design and Implementation Plan
RJA	Ruggeri-Jenson-Azar and Associates
SHSP	Site Health Safety Plan
TEH	Total Extractable Hydrocarbons
IPH	Total Petroleum Hydrocarbon
TVH	Total Volatile Hydrocarbons
UPRR	Union Pacific Railroad
USD	Union Sanitary District
VOC	Volatile Organic Compound
WCA	Waste Consolidation Area

EXECUTIVE SUMMARY

The Pacific States Steel Corporation (PSSC) Plant Site (Site) is located in Union City, California and has been used for agriculture or industrial activities since the late 1800's. Brick production started in the early 1900's. In 1938, PSSC started steel mill operations at the Site. Steel manufacturing operations were discontinued at the PSSC Site in 1978. PSSC, through direction of a Special Master appointed by the United States District Court, entered into an amended consent decree (No. C-82-4209-MHP, November 1988) with the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), to perform remedial measures at the PSSC property. A Remedial Action Plan (RAP) was finalized in November 1994 and incorporated plans for future development of the PSSC Site, consisting of single-family residential development for the southern portion, and multi-family and light industrial/commercial development of the northern portion of the property.

In June 2003, PSSC awarded Envirocon, Inc. a contract to perform remedial activities at the PSSC Site, in accordance with the Remedial Design and Implementation Plan (RDIP) prepared for the PSSC Site dated June 17, 2002 and associated documents identified in Section 1.0 of this report. Envirocon began site remediation activities in June 2003.

The RDIP for the PSSC Site divided the cleanup into two major phases, with Phase I being the remediation of the southern 22-acres of the Site and two utility corridors and Phase II being the remediation of the remaining northern portion of the Site. Phase I remediation commenced in June 2003 and was completed in January 2004. The Route 84 Right-of-Way (ROW) is designated as a right-of-way for the proposed realigned State Route 84. The location of the Route 84 ROW is shown on Drawing No. 1. Phase II entails the remediation of the remaining portions of the Site, namely the Northern Parcel and the 11th Street Right-of-Way, and is currently ongoing with expected completion in September 2004. In January 2004 (Envirocon Correspondence ENV#14479-037, January 27, 2004) Envirocon requested that the DTSC allow the Route 84 ROW area to be separated from Phase II and handled under its own "No Further Action" ruling upon completion of remediation activities within the Route 84 ROW. The purpose of this separation was to allow an accelerated transfer of the Route 84 ROW property from PSSC to the City of Union City. This request was granted by the DTSC and DTSC will issue a separate completion letter for this area. The remediation of the Route 84 ROW commenced in October 2003 and was completed in June 2004.

The Route 84 ROW remedial measures, performed by Envirocon, included:

- ◆ The excavation of 20,000 cubic yards (cy) of slag veneer and 5,000 cy of isolated pockets of slag, and its placement in the Waste Consolidation Area (WCA) located in the northwestern portion of the Site.
- ◆ Excavation of 16,600 cy of soils contaminated with total petroleum hydrocarbons.
- ◆ Excavation of 76,000 cy of clean soil from the Route 84 ROW for use as fill onsite.
- ◆ Placement of 15,000 cy of fill in excavated remediation areas.
- ◆ Demolition of 60,000 square feet of concrete associated with building foundations and sumps.

The following objectives consistent with the objectives set forth in the RDIP were achieved.

- ◆ The Route 84 ROW was successfully remediated; all soil cleanup levels have been achieved consistent with the RDIP, and no further remediation is required. This is verified by confirmation sampling and analysis of soil and groundwater. At Deep TPH No. 5 two soil samples collected at 10 feet Mean Sea Level (MSL) exceeded RDIP cleanup levels for TPH. However, the impacted soils were not removed, per the RDIP, because of engineering limitations and the necessity to preserve the integrity of the Newark Aquifer aquitard.
- ◆ The Route 84 Detention Basin was constructed to the grades and specifications of the RDIP and associated documents.
- ◆ Migration of contaminants by means of percolation to the underlying Newark Aquifer, unpermitted discharges of surface waters to surrounding areas, and generation of fugitive dusts were minimized by utilizing Best Management Practices (BMP) during remedial activities.
- ◆ The surrounding community and Site personnel were protected from over-exposure to harmful levels of contaminants by use of administrative and engineering controls as dictated in Envirocon's internal Health and Safety Policies and the requirements set forth in the RDIP.
- ◆ All remediation activities were performed in accordance with acceptable engineering standards.

Envirocon completed Route 84 remedial activities at the Site in June 2004. This Remedial Action Completion Report (RACR) details the remedial activities for the Route 84 cleanup performed by Envirocon from October 2003 through June 2004.

1.0 INTRODUCTION

This Remedial Action Completion Report (RACR) summarizes and documents cleanup activities, grading and backfilling, and the confirmation and quality assurance/quality control (QA/QC) testing performed by Envirocon, Inc. during the remediation of the Route 84 Right-of-Way (ROW). The Route 84 ROW is located within the Pacific States Steel Corporation (PSSC) Plant Site (Site). Envirocon, located at 101 International Way, Missoula, Montana 59808, is the General Contractor and Engineer of Record performing the remedial work for the project and has prepared this RACR for PSSC. Envirocon subcontracted Innovative Technical Solutions, Inc. (ITSI), located at 2730 Shadelands Drive, Walnut Creek, California 94598, as the Engineer of Record ensuring remediation activities occur in accordance with the RDIP.

Remedial activities in the Route 84 ROW were conducted as identified in the Final Remedial Design and Implementation Plan (RDIP) dated June 17, 2002, Amendment I of the RDIP dated December 18, 2002, and the Scope of Work Additional Items Beyond the Scope of the RDIP dated March 24, 2003. These three reports were prepared for the PSSC Site by Shaw Environmental and Infrastructure. The objective of Route 84 remedial activities was implementation of the RDIP in order to obtain a "clean letter" from the State of California, Department of Toxic Substances Control (DTSC) stating that no further remedial action is required for the Route 84 ROW.

Upon completion of the Route 84 ROW remedial activities and issuance of a "clean letter" from DTSC, the area will be available for planned development. The immediate future development consists of the construction of a storm water detention basin serving the nearby residential areas. Ultimately the area is designated as a right-of-way for the proposed realigned State Route 84.

This RACR documents the Route 84 ROW remediation activities conducted by Envirocon from October 2003 to June 2004. All work covered by this report was conducted under the requirements outlined in the RDIP. Subsequent completion reports for the PSSC Site will document Phase II activities.

1.1 Organization of the Route 84 Report

The following is a summary of the contents of this report:

Section 1.0 -- Introduction

Section 2.0 -- Route 84 Remediation Activities

Section 3.0 -- Field Sampling Results & Discussion

Section 4.0 -- Detention Basin Construction

Section 5.0 -- Storm Water and Erosion Controls

Section 6.0 -- Air Monitoring and Site Health and Safety

Section 7.0 -- Variances

Section 8.0 -- Conclusions

Section 9.0 -- References

1.2 Site Location and Background

The PSSC property is a 62-acre parcel that lies in the eastern portion of Union City, California, and borders the northern part of Fremont, California. The property is bounded to the north by the Alameda County Flood Control District (ACFCD) drainage channel, to the east by the Union Pacific Railroad (UPRR) and the ACFCD drainage channel, to the south by the Fremont-Union City boundary, and to the west by the UPRR and the Bay Area Rapid Transit (BART) Right-of-Ways.

The PSSC Site has been used for agriculture or industrial activities since the late 1800's. Brick production started in the early 1900's and continued until 1937. Clay mined from an on-site open pit was the source material for brick production. In 1938, PSSC started steel mill operations at the Site. PSSC imported scrap iron, steel, and wrecked automobiles that were melted down in open-hearth furnaces. The resultant slag was initially deposited in the former open pit clay mine and, reportedly, other surface depressions across the Site. The former clay pit was backfilled except for the area now referenced as the Former Cooling Pond. Steel manufacturing operations were discontinued at the PSSC Site in 1978.

Prior to commencement of remediation, current surface conditions at the Site included vegetative cover ranging from little to none over most of the northern areas, to low to 8-foot high vegetation on flat grade in the southern portion of the Site. Envirocon cleared vegetative cover from the Site during Phase I activities. The Site is relatively flat with less than 10 feet (ft) of elevation change, except for the Former Cooling Pond and Dry Pit located in the north parcel of the Site.

1.3 Description of the Route 84 Area

The Route 84 ROW and the portions of the PSSC Site adjacent to it are identified in Amendment I of the RDIP and described herein and referenced in Drawing No.1.

- **Southern Parcel**

The Southern Parcel is approximately 22-acres and is defined as the portion of the Site to the south of the Route 84 Right-of-Way

- **Northern Parcel**

The Northern Parcel is approximately 35-acres and is defined as the portion of the Site to the north of the Route 84 Right-of-Way

- **Route 84 Right-of-Way**

The Route 84 Right-of-Way is approximately five acres in area, and is defined as the portion of the Site designated as a right-of-way for the proposed realigned State Route 84. The Route 84 Right-of-Way constitutes the portion of the Site between the Southern Parcel and the Northern Parcel.

2.0 ROUTE 84 REMEDIATION ACTIVITIES

This section describes the remedial activities conducted during remediation of the Route 84 ROW. The work scope included excavating slag and soils contaminated with total petroleum hydrocarbons (TPH), removing concrete foundations and sub-structures, and debris and trash removal. All work onsite was conducted in accordance with the RDIP, which included the Final Health and Safety Plan which was adopted and implemented as Envirocon's Site Health and Safety Plan (SHSP).

Field sampling was performed per RDIP requirements, as detailed in the Final Field Sampling and Analysis Plan (SAP) of the RDIP, for all remediated areas. Field sampling is detailed in Section 3.0. Photographs depicting Site activities are included in Appendix C.

2.1 Slag Excavation

Envirocon began slag veneer removal from the Route 84 ROW on September 14, 2003. Slag material was found at varying depths from the ground surface to approximately three feet. Slag was removed using heavy earth moving equipment including track hoes and dozers. The slag was loaded into articulated haul trucks and placed in the WCA. Envirocon removed approximately 20,000 cy of slag veneer and approximately 5,000 cy of isolated pockets of slag from within the Route 84 ROW. The slag was generated from the 2 to 3-foot thick slag veneer layer and miscellaneous pockets of slag encountered when mining borrow soils. Sampling of the excavated areas was performed using the sampling protocol identified in the SAP and is discussed in Section 3.1.

2.2 TPH-Impacted Soil Excavation

The RDIP did not identify TPH-impacted soils in the Route 84 ROW, and after surface slag removal, the area was anticipated to yield approximately 88,000 cubic yards of borrow for use as fill elsewhere onsite. However, TPH-impacted soils were encountered at locations Deep TPH Nos. 5 and 6, located in the middle and southwest corner of the Route 84 ROW, respectively. Approximately 16,600 cy of TPH-impacted soils were removed from Deep TPH Nos. 5 and 6.

2.2.1 Deep TPH No. 5

TPH-impacted soils were encountered within the geographic middle of the Route 84 ROW as slag excavation activities progressed. Initially, verification sample results associated with the removal of Sump No. 17 were below cleanup levels. However, as slag excavation progressed after the removal of Sump No. 17, TPH-impacted soils were encountered and the area was

designated as Deep TPH No. 5. TPH-impacted soils were identified by visual observations, odor, and confirmation sampling. Field investigations indicated that TPH-impacted soils were bounded above by non-impacted soils at this location. At the time of discovery, TPH-impacted soils in this area were excavated from 35 feet Mean Sea Level (MSL) to 20 feet MSL as guided by visual observations. TPH-impacted soils generally differed significantly in appearance and odor from adjacent non-impacted soils. TPH-impacted soils were stained with a light to medium-green discoloration and contained a strong petroleum smell.

Unlike previous Deep TPH sites, TPH-impacted soils extended with depth beyond 20 feet MSL at this location. The lateral extent of impacted soils is shown on Drawing No. 5 and was located mostly within the Route 84 Right-of-Way with a portion of the impacted area extending into the Phase I Area. Due to engineering limitations associated with existing conditions (e.g. required depth of removal), an approved excavation work plan and sampling and analysis plan (Envirocon correspondence ENV#14479-C046, April 23, 2004) was required prior to removal of TPH-impacted soils. Excavation of TPH-impacted soils at Deep TPH No. 5 and verification sample results are discussed in Section 3.2.

2.2.2 Deep TPH No. 6

During subgrade preparation activities for the placement of clean fill soils, TPH-impacted soils were encountered in the southwest corner of the Route 84 Right-of-Way within the Southern Parcel 100-foot buffer. TPH-impacted soils were identified by visual observations and odor. TPH-impacted soils were encountered at approximately 40 ft MSL and continued with depth. Excavation of soils proceeded to 27 ft MSL and was guided by visual observations. Approximately 200 cubic yards of visibly contaminated soils were excavated and temporarily stockpiled on top of the WCA. Visual observations indicated that contamination was completely removed laterally on all sides of the excavation from the top of the excavation to the bottom of the excavation, although contamination appeared to continue with depth and extend laterally to the west below 27 ft MSL (towards the Union Pacific Railroad property). TPH-impacted soils generally differed in appearance and odor from adjacent non-impacted soils. TPH-impacted soils at this location appeared stained with a light to medium-green discoloration and contained a slight petroleum smell. The odor associated with TPH-impacted soils at this location was not near as prevalent as other TPH-impacted locations encountered elsewhere on the Site.

Envirocon determined that further excavation at this location was not feasible as it is immediately adjacent to the western property boundary and the strength of the soil would only allow a temporary cut slope of 2H:1V while maintaining a 15-foot wide bench offset from the fence line. Further restrictions occur to the west due to the Union Pacific Railroad property and BART tracks. Thus, with concurrence from DTSC, soils that appeared to be TPH-impacted were

allowed to remain in-place. However, DTSC required further investigation at this location to define the lateral and vertical extent of these soils. Section 3.3 discusses the borehole soil investigation performed at Deep TPH No. 6.

On April 8, 2004, Test Pit No. 1 was excavated to characterize the TPH-impacted soils towards the east. The excavation was guided by visual observations of TPH-staining in soil. Test Pit No. 1 was approximately 8 feet wide by 20 feet long and was 15 feet deep. Excavation of Test Pit No. 1 began at 28 feet MSL. TPH-impacted soils were not encountered throughout excavation of Test Pit No. 1. The final depth of the test pit was at 13 ft MSL. Water was observed seeping through the sidewalls and excavation bottom at approximately 16 ft MSL. Two confirmation soil samples were collected during the excavation at 20 ft and 14 ft MSL. Both sample results were reported below the laboratory detection limits for petroleum hydrocarbons.

At the request of DTSC, a second test pit was excavated on April 9, 2004 at the Phase I/Route 84 ROW property boundary to characterize the southern extent of TPH-impacted soils. Test Pit No. 2 was approximately 4 feet wide by 15 feet long and was 19.5 feet deep. Excavation of Test Pit No. 2 began at 30 feet MSL. TPH-impacted soils were not encountered during the excavation of Test Pit No. 2. The final depth of the test pit was at 10.5 ft MSL. Water was observed seeping through the sidewalls and excavation bottom at approximately 15.5 ft MSL. Three confirmation soil samples were collected during the excavation at 21 ft, 15 ft, and 10.5 ft MSL. All three sample results were reported below the laboratory detection limits for petroleum hydrocarbons.

Table 2-1 presents the sample results from Test Pit Nos. 1 and 2, and Drawing No. 6 depicts the test pit locations. Analytical data for Test Pit Nos. 1 and 2 are referenced in Appendix I-5. Data validation reports were not prepared for samples collected from Test Pit Nos. 1 and 2 because, in accordance with the RDIP, data validation reports are generated for confirmation samples when verifying that underlying soils which remain in place meet Site cleanup levels and no requirement exists for performing data validation for site characterization samples. Macro-core soil and direct-push groundwater sample results at Deep TPH No. 6 are discussed in Sections 3.3 and 3.4.

TABLE 2-1

Deep TPH No. 6, Test Pit Nos. 1 & 2 Sample Results					
Date Sampled	Sample No.	Sample Location	Sample Depth (ft MSL)	TEH* (diesel) (mg/Kg)	TEH* (motor oil) (mg/Kg)
CLEANUP STANDARDS:				Avg=350 Ceil=500	Avg=350 Ceil=500
08-Apr-2004	TPH #6.1-1680	Within Test Pit No. 1	20	< 1.2	< 12
08-Apr-2004	TPH #6.1-1681	Within Test Pit No. 1	14	< 1.3	< 13
09-Apr-2004	TPH #6.2-1677	Within Test Pit No. 2	21	< 1.2	< 12
09-Apr-2004	TPH #6.2-1678	Within Test Pit No. 2	15	< 1.2	< 12
09-Apr-2004	TPH #6.2-1679	Within Test Pit No. 2	10.5	< 1.2	< 12

*total extractable hydrocarbons

2.3 Hydro-Punch and Soil Boring Activity

The SAP details the requirement to collect groundwater samples in the first waterbearing zone using direct-push hydropunch methodology where verification sample results indicate that TPH contamination exceeded cleanup levels 10 feet or more below original ground surface (bgs). Throughout Phase I and Route 84 ROW remedial activities, six discrete locations were identified where deep TPH-impacted soils were encountered 10 feet below original ground surface (bgs). TPH-impacted soils were completely removed at Deep TPH Nos. 1, 2, and 3 which were associated with Sump Nos. 3, 10, and 125. TPH-impacted soils were mostly removed except for two isolated hot-spots at 10 feet MSL at Deep TPH No. 5, which was associated with Sump No. 17. TPH-impacted soils remaining below 10 feet MSL at Deep TPH No. 5 were not removed, per the RDIP, because of engineering limitations and the necessity to preserve the integrity of the Newark Aquifer aquitard. The excavation footprint at Deep TPH No. 5 was located mostly within the Route 84 ROW, although it overlapped slightly into the Southern Parcel. Deep TPH Nos. 1, 2, and 3 were located entirely in the Southern Parcel.

Deep TPH Nos. 4 and 6 were encountered adjacent to the west property boundary of the PSSC Site and were not associated with the removal of any concrete substructure. Deep TPH No. 6 is located within the Route 84 ROW. Deep TPH No. 4 is located north of the Route 84 ROW adjacent to the WCA footprint and is not discussed in this RACR.

In accordance with RDIP requirements, Envirocon prepared a workplan (Envirocon correspondence ENV#14479-C051, June 1, 2004) for submittal to DTSC and the Alameda County Water District detailing the proposed groundwater sampling at Deep TPH Nos. 1, 2, 3, and 5. Envirocon also prepared an additional workplan (Envirocon correspondence ENV#14479-C051.A, June 2, 2004) detailing macro-core soil sampling and groundwater sampling to

delineate the vertical and lateral extent of TPH-impacted soils left in-place at Deep TPH Nos. 4 and 6. Only groundwater and soil investigation sample results from Deep TPH Nos. 5 and 6 are discussed in this report, as these were the only deep TPH-impacted soil sites located within the Route 84 ROW. Groundwater and soil sampling were performed at these locations from June 2nd through June 11th 2004. Future groundwater monitoring at the Site will be based on information gathered from the groundwater grab samples collected to date.

2.4 Removal of Sumps and Concrete Structures

Concrete sumps at the Site were part of the concrete building foundations, subsurface raceways, and underground vaults. Figure No. 19 of the RDIP identified Sumps Nos. 17, 18, 19, and 20 in the Route 84 ROW. These sumps were removed during Phase I remediation activities, and their removal is documented in the Phase I RACR, dated June 18, 2004. In addition to the removal of sumps, an approximately 60,000 square feet concrete slab approximately 6-inches thick was demolished and removed from the Route 84 ROW. Also, a large concrete basement that extended into the Route 84 ROW which was used during the Phase I remedial activities to bio-remediate TPH-impacted soils was demolished and removed.

2.5 Debris Removal Activity

Surface and buried debris was removed using excavation equipment and manual labor. Material was either recycled or sent to landfills. Miscellaneous debris, wood, and garbage were disposed of at appropriate landfills. Miscellaneous large metal pieces, tires, and railroad ties were sent to recyclers. Offsite disposal and recycling that occurred during the remediation of the Route 84 ROW is documented in the Phase I RACR.

2.6 Site Survey

Envirocon performed all construction field survey staking to document various remediation activities that occurred during Route 84 ROW remedial activities. Envirocon utilized a Trimble 5700 Global Positioning System (GPS) receiver to perform intermediate construction staking, document locations of verification samples, document the extent of remediation excavations, and perform as-built topographic surveys of the remediation areas and the WCA.

All surveying was completed under the direction of Rich Purdue, a State of California licensed professional civil engineer. Survey control was based on the Preliminary Tract 7405 developed for the Pacific States Steel Property within the City of Union City by Ruggeri-Jenson-Azar & Associates (RJA). Envirocon used the local control established by RJA, utilizing five set benchmarks that surrounded the Site as shown on the Site layout Drawing No. 2. These

benchmarks have been established on an arbitrary coordinate system for use as local control as all surveys and drawings are based on the pre-defined coordinate system. Please reference Appendix D for the final as-built grading survey report and drawing for the Route 84 ROW.

3.0 FIELD SAMPLING RESULTS & DISCUSSIONS

This section describes the field sampling procedures and data gathering methods that were used to verify the achievement of cleanup levels in the Route 84 ROW where contaminated soil, slag, or other materials were excavated. Excavation verification sampling was performed where soil, slag or concrete had been excavated. Initial depth of removal generally varied depending upon visual observations during excavation operations. However sampling grids were utilized to locate verification samples in accordance with the SAP and confirm the removal of contaminants. A combination of statistical and direct comparison methods were used to verify the attainment of cleanup levels at the Route 84 ROW consistent with the SAP. The final verification samples confirm that the RDIP cleanup levels were successfully achieved for the Route 84 ROW, with the exception discussed in Section 3.2.1 below.

Table Nos. I through III summarize the analytical results for soil samples collected to verify the achievement of cleanup levels in the Route 84 ROW and include the cleanup levels used for comparison of the results. All laboratory work was performed by Sequoia Analytical, a California certified laboratory. Analytical sample data is referenced in Appendix I.

3.1 Excavation of Slag

Once slag excavation was complete based on visual observations within the Route 84 ROW, verification sampling, consistent with the requirements in the SAP, was performed to ensure that cleanup levels had been met. Although pockets of slag were discovered during the excavation of the detention basin in the Route 84 ROW, the discussion below relates to verification sampling that was performed following the removal of slag veneer. Slag veneer removal was conducted within the limits of the Route 84 ROW although verification and field QC sampling, as discussed below, only occurred for the areas south of the former Southern Parcel 100-foot buffer line and to the east of the detention basin footprint. Use of the Route 84 borrow soil verification samples were used in lieu of the slag veneer sampling scheme to verify the removal of slag within the detention basin footprint as discussed in Section 4.1.

3.1.1 Verification and Field QC Sampling

The SAP presented the grid scheme that was used for conducting verification soil sampling in the slag areas. The sampling scheme required that a grid be placed over the slag remediation area with a grid area of 1/6 acre. This translates to sampling at 85-foot intervals, or every 7,300 ft² using a square grid.

Soil samples associated with the 85-foot slag grid were analyzed for arsenic, cadmium, chromium, copper, lead and nickel by United States Environmental Protection Agency (EPA) Method 6010B in accordance with Table B-2 and B-4 of the SAP. Upon receipt of sample results, each sample grid location was compared to the respective cleanup level. If results from a sample location exceeded any one of the cleanup levels, approximately one-foot depth of additional material was removed from an area equivalent to one grid-area (i.e. 7,300 ft² centered around the sample point). If the second round of verification samples exceeded cleanup levels, an additional one-foot depth of material was removed across an area equivalent to one grid-area (i.e. 7,300 ft²). Re-excavation continued in this manner until verification sample results indicated that cleanup levels had been achieved for every contaminant of concern. Verification sampling activities at each sample location were considered complete when concentrations of all contaminants of concern were below their respective cleanup levels.

Table No. I and Drawing No. 4 present the verification sample results and locations in the slag removal area for the areas south of the former Southern Parcel 100-foot buffer line and to the east of the detention basin footprint. Within the Route 84 ROW, slag verification samples were collected from 16 locations. Samples collected at these locations are also documented in the Phase I RACR. The Route 84 borrow verification samples, discussed in Section 4.1, were used in lieu of the remaining 18 slag verification sample locations (located to the north of the former Southern Parcel 100-foot buffer line) to verify the removal of slag.

In accordance with the SAP, an additional sample was collected at a minimum of 10% of the total sample locations for field duplicates. Since samples were collected from the 16 slag removal verification sample locations within the Route 84 ROW during the Phase I remediation, field duplicates for these samples were also collected during the Phase I remedial operations. Analytical data reports and associated data validation reports for the slag verification samples can be referenced in Appendix O and Appendix P of the Phase I RACR, respectively. Slag veneer was removed from the areas south of the former Southern Parcel 100-foot buffer line and to the east of the detention basin as verified through means of excavation verification sampling. Slag veneer was removed from the area north of the former Southern Parcel 100-foot buffer line as verified through means of the Route 84 borrow soils verification sampling discussed in Section 4.1.

3.2 Excavation of Deep TPH-Impacted Soils

As discussed in Section 2.2, the RDIP did not identify any TPH-impacted soil in the Route 84 ROW, and after surface slag removal the area was anticipated to yield approximately 88,000 cubic yards of borrow for use as fill elsewhere onsite. However, TPH-impacted soils were encountered at Deep TPH Nos. 5 and 6 located in the middle and southwest corner of the Route

84 ROW, respectively. Deep TPH-impacted soils generally differed significantly in appearance and odor from adjacent non-impacted soils and were consistently observed as a light to medium-green colored clay. Deep TPH-impacted soils locations within the Route 84 ROW are shown on Drawing Nos. 6 and 7.

3.2.1 Deep TPH No. 5

As discussed in Section 2.2.1, TPH-impacted soils were encountered at Deep TPH No. 5 as slag excavation activities progressed after the removal of Sump No. 17. The lateral extent of impacted soils was located mostly within the Route 84 Right-of-Way although a portion of the impacted area extended into the Phase I Area. Due to engineering limitations associated with existing conditions (e.g. required depth of removal), an approved excavation workplan and sampling and analysis plan was required prior to removal of TPH-impacted soils.

Envirocon correspondence ENV#14479.C046 details the approach to excavation of impacted soils at Deep TPH No. 5 and is summarized as follows. Excavation of TPH-impacted soils at Deep TPH No. 5 was performed in two parts. The first part was to remove clean overburden soils to establish a flat platform at elevation 22 feet MSL. The footprint of the platform extended 25 feet beyond the assumed lateral extent of TPH-impacted soils for slope stability. The second part of the excavation was to remove the 4-foot thick layer of remaining clean overburden from 22 to 18 feet MSL and the 8-foot thick layer of TPH-impacted soils from 18 to 10 feet MSL as guided by visual observations. These activities were performed concurrently. An approximate 70-foot wide swathe was excavated from west to east bisecting through the center of the assumed TPH-impacted soils extent. Clean overburden was segregated and placed in the fill areas of Phase I. Upon removal of clean overburden, TPH-impacted soils were removed to elevation 10 feet MSL and stockpiled in the northeast corner of the Site. The depth of excavation was verified by a transit level and a pre-set marking on the boom of the excavator.

The 70-foot wide swathe progressed from west to east and was followed by backfill operations. Shallow groundwater was encountered throughout the excavation and was controlled by sealing the seeping faces of the excavation with low permeable clay. Therefore, groundwater did not impede excavation or backfill operations. Backfill consisted of general fill material that was placed in loose lifts with variable thickness at the discretion of the Engineer. Backfill was placed to a height suitable of supporting heavy equipment. Backfill operations progressed from west to east following excavation establishing a stable base across the 70-foot wide swathe. Upon establishing a stable base across the width of the swathe, general fill material was placed in 9-inch lifts and compacted to a minimum of 90% maximum Modified Proctor dry density as determined by ASTM D 1557 or as directed by the Engineer. This compaction requirement was implemented for the placement of fill in the Route 84 Right-of-Way. Placement of fill in the

Phase I residential area was to 90% and 92% Maximum Proctor dry density as required by the RDIP and/or at the recommendation of the Geotechnical Engineer. Additional TPH contamination was removed to the south and north following the procedures outlined above.

The resulting area of excavation was 0.6 acres as shown on Drawing No. 5. The lateral extent of excavation was determined in the field by visual observations and continued laterally to the point when no visible contamination was seen on the sidewalls. Although excavation of TPH-impacted soils was guided by visual observations, the final vertical extent of excavation was limited to no deeper than 10 feet MSL, and the final lateral extent of excavation was defined by sidewall sampling. Reference Appendix E for ITSI daily activity reports documenting excavation of TPH-impacted soils at Deep TPH No. 5.

Fifteen samples were collected from the sidewalls of the excavation at 10-14 feet MSL in 50-foot minimum intervals. Table II shows verification sample results from the sidewalls of the excavation and Drawing No. 5 depict the sample locations. TPH-impacted soils at Deep TPH No. 5 were removed laterally to native materials below cleanup levels as required by the RDIP, and as confirmed by verification sampling and visual observations.

Approximately 9,000 cy of TPH-impacted soils were removed laterally in all directions down to the maximum excavation depth of 10 feet MSL. In general the contamination was completely removed at depth with only two isolated areas where TPH-impacted soils remain below 10 feet MSL in the aquitard of the Newark Aquifer. The impacted soils were not removed, per the RDIP, and in consultation with DTSC and the Alameda County Water District (ACWD), because of engineering limitations and the necessity to preserve the integrity of the Newark Aquifer aquitard. The contamination remaining below 10 feet MSL is located within the Route 84 Right-of-Way to the north of the Southern Parcel, and is confirmed by verification samples collected on the bottom of the excavation.

Floor sample locations Nos. 3 and 6, located within the Route 84 Right-of-Way, exceeded ceiling cleanup levels for diesel and motor oil. These locations are depicted on Drawing No. 5. In addition, floor sample locations Nos. 1 and 12 had concentrations of motor oil above the average cleanup level of 350 (milligrams per kilogram) mg/Kg, but below the motor oil ceiling level of 500 mg/Kg. Therefore, a statistical basis was applied to the data set to confirm that the true mean of the concentration for motor oil-range hydrocarbon was below the average cleanup level in the area represented by the sample population. Because floor sample location Nos. 3 and 6 had concentrations of diesel and motor oil significantly greater than ceiling cleanup levels, they were removed from the data set so that a mean value of the remediated area could be calculated that was not biased by isolated outliers. Furthermore, the latter two sample locations are surrounded by other sample locations below action levels literally defining the "hot spots." Thus

the data set consisted of the floor sample results for the motor oil-range petroleum hydrocarbons from Deep TPH No. 5, minus the two outliers discussed above. Results reported as below the detection limit were assumed to occur at a concentration equal to one-half of the sample detection limit. Based on the output of statistical software, ProUCL, the population follows a non-parametric distribution and the appropriate 95% non-parametric upper confidence limit of the mean for the data set was calculated to be 286 mg/Kg, and the supporting calculations are included in Appendix J. Table II shows verification sample results collected from the floor of the excavation and Drawing No. 5 depicts the sample locations. Analytical data reports and associated data validation reports for the sidewall and floor verification samples are referenced in Appendix I-2 and Appendix K, respectively. In conclusion, with the exception of the two "hot spots" (sample locations Nos. 3 and 6), the soil left in place is at concentrations below the Site cleanup levels for TPH diesel and motor oil.

The data validation results indicate that the diesel-range organics and motor oil results for sample nos. TPH5-1796 to TPH5-1798, TPH5-1800 to TPH5-1803, and TPH5-1805, collected from floor of the Deep TPH No. 5 remediation excavation, were validated as qualitative, rather than as quantitative based on out-of-range surrogate recoveries, both in the primary and in the associated matrix-spike (MS) samples. However, all of the out-of-range surrogate recoveries were greater than 100%, indicating that the primary sample results may have been over-reported, i.e. the true concentration was probably less than the reported value. Although sample nos. TPH5-1796 to TPH5-1798, TPH5-1800 to TPH5-1803, and TPH5-1805 were validated as qualitative, no data was validated as unusable and therefore all of the data remains usable. Data validation was performed by Envirocon quality control staff.

3.3 Macro-Core Soil Sampling and Analysis at Deep TPH No. 6

As discussed in Section 2.3, Envirocon collected macro-core soil samples to characterize the vertical and lateral extent of TPH-impacted soils using direct-push methodology. Based on current as-built ground elevations at Deep TPH No. 6 (typically at 47 Feet MSL) and the underlying Newark Aquifer at 6 feet MSL, the greatest boring depth was approximately 40-feet below ground surface to just above the Newark Aquifer. The soil sampling interval was based primarily on visual observations of discolored soil encountered from the core sample. If visual observations did not indicate the presence of what appeared to be TPH-impacted soils, then macro-core soil samples were collected in 10-foot minimum intervals. Macro-core soil samples were analyzed for diesel and motor oil-range hydrocarbons by EPA Method 8015B.

On June 7, 2004, four borings were installed in the center and around the periphery of the last known point of contamination at Deep TPH No. 6. Deep TPH Nos. 6-1, 6-2, 6-3, and 6-4 were

located in the center, south, north, and west of the last observed soil discolorations, respectively. Drawing No. 6 depicts the boring locations. A continuous core was collected in 4-foot long clear PVC sleeves at each boring and logged by an on-site geologist. Boring logs documented at Deep TPH No. 6 are included in Appendix E. Macro-core soil samples were only collected at each location from native soils that were below the fill that was previously placed to fill the excavation created from the removal of TPH-impacted soils. Field observations at boring Deep TPH No. 6-1 indicated that a light to medium green clay was encountered at approximately 19.5 feet MSL to the bottom of the boring at 9 feet MSL. Three macro-core soil samples were collected from the latter boring location at 23, 16, and 9 feet MSL. The other three borings located around the periphery of Deep TPH No. 6 showed no visible indications of contamination. Three macro-core soil samples were collected from Deep TPH Nos. 6-2 and 6-3 at 30, 23, and 13 feet MSL, and 27, 18, and 8 feet MSL, respectively. Four macro-core soil samples were collected from Deep TPH No. 6-4 at 37, 27, 17, and 7 feet MSL. Drawing No. 6 shows the soil sample results at each boring location. All macro-core soil samples were below the soil cleanup levels for TPH (diesel and motor oil).

As discussed in Section 2.2.2, TPH-impacted soils at Deep TPH No. 6 were initially identified based on visual and odor observations only. During excavation at Deep TPH No. 6, the odor associated with TPH-impacted soils was less prevalent than when the TPH-impacted soils were first encountered. Generally, green discolored clay that was previously encountered on the Site indicated TPH-impacted soils. Envirocon had excavated the green colored clay within engineering limitations to 27 feet MSL. Following excavation and completion of the macro-core soil sampling at Deep TPH No. 6, the remaining green colored clay that was observed from 9 to 19.5 feet MSL at boring Deep TPH No. 6-1 was found to be below RDIP cleanup levels for TPH. Therefore, the macro-core soil sample results confirmed that all TPH-impacted soils were removed during the remediation excavation conducted at Deep TPH No. 6 to concentrations below Site cleanup levels. Analytical data reports and associated data validation reports for the macro-core soil samples are referenced in Appendix I-3 and Appendix K, respectively.

3.4 Groundwater Grab Sampling and Analysis

Based on previous site remediation activities, shallow groundwater or a zone of saturation has typically been encountered at approximately 16 feet MSL. Site investigations indicate that the saturation increases with depth from 16 feet MSL to the underlying Newark Aquifer at approximately 6 feet MSL. Envirocon had proposed in the workplan to collect one groundwater sample from the first zone of saturation at 16 feet MSL where possible and one groundwater sample from within the Newark Aquifer at 6 feet MSL at each proposed location. The well screen length proposed in the first zone of saturation was 10 feet and generally spanned the interval from 20 feet MSL to 10 feet MSL. The well screen length proposed in the Newark

Aquifer was 5 feet and generally spanned the interval from 3 feet MSL to -2 feet MSL. The well casing diameter was 3/4-inch at all locations. Groundwater samples were analyzed for gasoline, diesel, and motor oil-range hydrocarbons by EPA Method 8015B, and benzene, toluene, ethylbenzene, and xylene (BTEX) by EPA Method 624. Analytical data reports for the groundwater samples are referenced in Appendix I-4. Data validation reports were not prepared for groundwater grab samples because, in accordance with the RDIP, data validation reports are generated for confirmation samples when verifying that underlying soils which remain in place meet Site cleanup levels and no requirement exists for performing data validation for site characterization samples.

3.4.1 Deep TPH No. 5

On June 2, 2004, one groundwater sample was collected from the Newark Aquifer at Deep TPH No. 5. Seven and a half liters of groundwater was purged from Deep TPH No. 5 prior to sampling. Groundwater samples were collected by using a peristaltic pump. No boring log was prepared for the temporary well installed at Deep TPH No. 5 because no soil samples were taken during the boring. Table IV tabulates the temporary well casing construction details and groundwater sample results at Deep TPH No. 5. Drawing No. 5 shows the location where the grab groundwater sample was collected. Groundwater sample results are below laboratory reporting limits and indicate that the Newark Aquifer at Deep TPH No. 5 is not impacted by petroleum hydrocarbons.

3.4.2 Deep TPH No. 6

On June 7, 2004, two temporary well casings were installed in the shallow zone at borings Deep TPH Nos. 6-1 and 6-2. Both temporary well casings recovered enough groundwater to collect sufficient sample volume. Groundwater was not purged from Deep TPH No. 6-1 and two liters were purged from Deep TPH No. 6-2 prior to sampling. One groundwater sample from the Newark Aquifer was also collected on June 7, 2004 at Deep TPH No. 6-3. Two liters of groundwater was purged from Deep TPH No. 6-3 prior to sampling. Samples at all locations were collected by hand bailing using a stainless steel bailer. Table IV tabulates the temporary well casing construction details and groundwater sample results at Deep TPH No. 6. Drawing No. 6 shows the locations where the grab groundwater samples were collected. Groundwater sample results indicate that the Newark Aquifer at Deep TPH No. 6-3 slightly exceeds ACWD's taste and odor criteria of 100 (micrograms per liter) $\mu\text{g/L}$ for TPH with a diesel concentration of 170 $\mu\text{g/L}$. Deep TPH No. 6-1 had a TPH-gasoline concentration of 74 $\mu\text{g/L}$ and a TPH-diesel concentration of 96 $\mu\text{g/L}$. No TPH constituents were detected in the groundwater sample taken at Deep TPH No. 6-2.

4.0 ROUTE 84 DETENTION BASIN CONSTRUCTION

The Route 84 detention basin is being designed by Mark Thomas and Company to serve as a temporary stormwater detention basin for the nearby residential areas of the Site. The design will include the construction of a pump station to be located within the detention basin which pumps stormwater to the nearby ACFCD M-channel. The detention basin will also help facilitate the construction of the proposed realigned State Route 84, which will connect I-880 to Mission Boulevard. Envirocon began construction of the detention basin in November 2004. Construction consisted of removal of overburden soils to design depth, and backfill of areas removed to greater than design depth during TPH-impacted soils excavation. Backfill material utilized in the Route 84 ROW consisted of import material from offsite sources. All fill material was placed in 9-inch lifts and compacted with a CAT 815 sheep foot double drum compactor 46,000-pound class or an approved equivalent. The backfill was also wheel compacted with loaded articulated haul trucks, scrapers, and highway haul trucks.

4.1 Route 84 Right-of-Way Borrow Excavation

All soils used for on-site backfill were sampled in accordance with requirements in the SAP. This includes on-site generated borrow sources. Only soils meeting the clean fill requirements were used for backfill on the Site.

Fill material was sampled prior to excavation in accordance with the SAP to verify that fill soils met the Site cleanup levels. One four-point composite sample was collected for every 5,000 cy of borrow material generated. Samples collected from on-site borrow material were analyzed for metals of concern at the Site (arsenic, cadmium, chromium, copper, lead, and nickel) by EPA Method 6010B, motor oil and diesel range petroleum hydrocarbons by EPA Method 8015B, and PCB's by EPA Method 8082. Verification samples were spatially located by employing a random grid scheme to cover the surface area of the borrow area based on the expected volume of the excavation. Samples were collected in-situ by hand augering to the anticipated excavation depth and the drill cuttings/spoils were composited in the field. Sample depths were representative of the excavation depth for the fill material to be mined. All discrete samples were composited by the analytical laboratory into groups of four representing a region of the borrow area. Upon receipt of the sample results, each composite sample was compared to the Site cleanup levels.

Approximately 76,000 cubic yards of borrow soils were removed from the Route 84 ROW. Of these soils approximately 68,000 cy was used for backfill in the Southern Parcel since the soil sample results met the Site cleanup levels. The remaining 8,000 cy was segregated due to exceedences in arsenic concentrations above Site cleanup levels of 14 mg/Kg and the material

was stockpiled on top of the northern portion of the WCA and was designated as “arsenic exceeding soils.” Analyte concentrations in these soils were below Site cleanup levels except for arsenic, which ranged in concentration from 15 mg/Kg to 22 mg/Kg when sample results were reported on a dry weight basis as required by the RDIP. In a letter dated July 19, 2004, DTSC approved the variance request to revise the RDIP to report all definitive soil sample results from a dry weight basis to an as-received basis. This variance is documented as Envirocon Variance No. 14479-15 and is referenced in Appendix A. When the stockpiled material was re-sampled on an as-received basis, it met the Site cleanup levels for all metals of concern including arsenic and will be used as clean fill on the Northern Parcel of the Site.

A total of fifteen four-point composite samples were collected from the Route 84 borrow excavation representing the 68,000 cy of fill soils placed in the Southern Parcel. Based on the volume of fill soils mined from the Route 84 ROW, one 4-point composite was collected per 4,500 cy of clean fill soils. Three four-point composite samples were collected from the stockpiled soils that were originally designated as “arsenic exceeding soils.” The stockpiled soils will be used as low permeable fill under the 11th Street ROW and the analytical data for these soils will be included in the Phase II RACR. Table No. III presents the verification sample results and Drawing No. 7 depicts the sample locations collected from the Route 84 borrow excavation representing the 68,000 cy of fill soils placed in the Southern Parcel. Analytical sample data reports for Route 84 borrow soils are included in Appendix I. Data validation reports were not prepared for Route 84 borrow soils because, in accordance with the RDIP, data validation reports are generated for confirmation samples when verifying that underlying soils which remain in place meet Site cleanup levels and no requirement exists for performing data validation for site characterization samples.

The Route 84 borrow verification samples were used in lieu of the remaining 18 slag removal verification sample locations (located to the north of the former Southern Parcel 100-foot buffer line) to verify the removal of slag as indicated in Section 3.1.1. Since the Route 84 borrow soils were underlying the slag veneer, the Route 84 borrow verification samples are a more practical representation that the slag veneer was removed. As stated earlier, fifteen four-point composites were collected throughout the excavation of the detention basin which includes six composite samples from the first sample event, five composite samples from the second sample event, two composite samples from the third and fourth sample events, and two composite samples from the fifth sample event.

4.2 Import Material

Over-excavation of the detention basin beyond design grades was required to maintain safe sidewall slopes during TPH-impacted soil removal from the Route 84 ROW. Import soils were utilized to fill areas to detention basin design grades. All soils used for backfill were sampled in accordance with requirements of the RDIP. This includes import soils and onsite borrow sources authorized for use as backfill material. Only soils meeting the clean fill requirements were used for backfill on the Site. Approximately 15,000 cy of import soils from The DirtMarket were used in backfilling the detention basin to design grades where the excavation of TPH-impacted soils extended beyond the detention basin design grades.

Import material was obtained by PSSC from "The DirtMarket", a Los Gatos, California based soils broker. All analytical soil data for contaminants of concern was provided directly to DTSC by the DirtMarket for approval prior to delivery to the Site. All analytical soil data and approval letters for import soil are on file with DTSC.

4.3 Geotechnical Soils Testing

Compaction of backfill was performed in accordance with Envirocon Variance 14479-13, (Appendix A), which allowed placement of fill materials in the Route 84 ROW with a Plasticity Index (PI) greater than 30%. The requirement for placement of fill material with a PI less than 30% is common for areas where construction of foundations for homes or buildings will occur. Stockpiled fill soils provided by The DirtMarket used for backfill in the Route 84 ROW ranged in PI from 28% to 43% and are confirmed by geotechnical laboratory testing. Fill materials with a PI greater than 30% generally contain a higher fraction of clay content which will increase the effectiveness of the detention basin. Furthermore, the integrity of the detention basin nor the future construction of the State Route 84 will not be compromised by the placement of fill materials with a PI greater than 30%. Soils with a PI greater than 30% are common to the Bay Area and are often utilized as subgrade for many major roadways. All fill soils placed in the Route 84 ROW up to design grades were placed in 9-inch lifts and compacted to a minimum of 90% maximum Modified Proctor dry density as determined by ASTM D 1557 or as directed by the Engineer. Lowney and Associates of San Ramon, California performed geotechnical and compaction testing and provided oversight of backfill placement. Appendix F includes data from laboratory and field tests performed to verify conformance with specification requirements for the plasticity index and relative density, and also includes Figure No. 1 depicting density test locations. Compaction requirements were achieved in the respective areas of fill placement.

Geotechnical information for the import soils was provided by the DirtMarket to Envirocon and Lowney & Associates prior to delivery to the Site. Envirocon and Lowney also performed onsite

geotechnical quality assurance testing of the import soils prior to and during placement of the soils. Appendix F contains subcontractor daily quality control reports from Lowney and Associates regarding fill placement in the backfill placement areas. Appendix G contains Envirocon backfill testing and monitoring inspection checklists performed for each day of material placement in the Route 84 ROW.

5.0 STORMWATER AND EROSION CONTROLS

As required by the RDIP, a two-foot high berm has been constructed around the perimeter of the Site to prevent stormwater run-off from the Site in addition to preventing potential stormwater run-on. As the Site is essentially flat in grade, no stormwater run-on or run-off has been observed entering or leaving the PSSC Site at any time. Also, a storm water collection ditch and silt fencing were installed along the west side of the WCA to comply with Storm Water Pollution Prevention Plan (SWPPP) requirements of the RDIP. Stormwater that collected within the excavation of the detention basin was periodically pumped out and consolidated in the Former Cooling Pond. Stormwater consolidated in the Former Cooling Pond was treated by the on-site treatment system and discharged to the Union Sanitary District sewer on Kraftile Road. Additional best management practices (BMPs) include the covering of TPH-impacted soil stockpiles with liners to prevent contaminated sediment migration onto adjacent areas. Envirocon will continue to inspect storm water run-off and sediment controls on a weekly basis or after a significant storm event exceeding 0.5 inches within a 24-hour period. Repairs to silt fence, drainage ditches and maintaining cover material to prevent runoff to clean areas and offsite are being inspected and documented as required by the RDIP. The maintenance of the SWPPP controls will continue until the remediation is complete.

6.0 AIR MONITORING AND SITE HEALTH AND SAFETY

Phase II and Route 84 ROW remediation activities were conducted concurrently. Perimeter air monitoring and personnel health and safety monitoring were conducted throughout these activities per the requirements of the RDIP. A detailed description of the air monitoring methodologies and equipment is provided in Envirocon's Phase I RACR. Air monitoring results for the period that Route 84 remediation activities were conducted will be presented in Envirocon's Phase II RACR.

The Final Health and Safety Plan prepared by Shaw Environmental, and included as Appendix D of the RDIP, was incorporated as the PSSC Site Health and Safety Plan. Envirocon safety professionals were responsible for the implementation of the employee training program, medical surveillance program, hazard control and spill containment programs, employee and equipment decontamination procedures, emergency response procedures, and the industrial hygiene monitoring program. Safety personnel also prepared Activity Hazard Analysis, conducted site safety audits, and performed operational real time monitoring for organic vapors, aerosols, combustible gases, carbon monoxide, and hydrogen sulfide. Employee personal exposure monitoring results for the period that Route 84 remediation activities were conducted will be presented in Envirocon's Phase II RACR.

6.1 Dust Control

Dust control was the primary method used to control Site impacts to local ambient air. Water trucks wetted Site roads before work each day and periodically throughout the day. Active work zones and disturbed stockpiles were also sprayed, as necessary, to control dust emissions. In addition, the four-times daily real-time site inspections were used to focus the location and intensity of dust control efforts. Water trucks, supplied from two 10,000-gallon water tanks, were used in the dust suppression effort.

7.0 VARIANCES

Sixteen variances to the RDIP were implemented by Envirocon throughout the remediation of Phase I and the Route 84 ROW and are summarized in Table 7-1. The variances are documented as part of the Project Record Documents. All variances have been approved by DTSC. Appendix A includes Variance Nos. 13-16 and Appendix B includes correspondences referenced by the variances. Variance Nos. 1-14 were included in the Phase I RACR.

TABLE 7-1

Variance No.	Description of Variance	Variance From RDIP Section #:
14479 - 01	Replace the reference to the California State Plane Coordinate System in accordance with ENV correspondence #14479-C003.	Section 2.10 of the RDIP
14479 - 02	Replace the bioremediation treatment cell design and monitoring consistent with ENV submittal #14479-006.	Specification 02110 of the Modified Technical Specifications (Appendix H of the RDIP)
14479 - 03	Replace the air monitoring station locations with the revised figure attached to ENV correspondence #14479-C015.	Figure I-4 of the Perimeter Air Monitoring Plan (Appendix I of the RDIP) and Figure 30 of the RDIP
14479 - 04	Revise the requirement to sample soils beneath sumps per 100 ft ² to 200 ft ² in accordance with ENV correspondence #14479-C016.	Section 3.12.7 of the RDIP & Section 2.3.5 of the SAP (Appendix B of the RDIP)
14479 - 05	Replace sump nos. 11, 28, 29, & 30 with the sumps identified in ENV correspondence #14479-C018.A.	Figure 19 of the RDIP
14479 - 06	Revise the chromium cleanup level from 69 mg/Kg to 89 mg/Kg in accordance with ENV correspondence #14479-C022.	Section 3.1.1 & Table 2 of the RDIP, Section 1.4.1 & Table B-1 of the SAP (Appendix B of the RDIP)
14479 - 07	Revise sampling frequency and analysis to verify treatment of TPH Soils in accordance with ENV correspondence #14479-C026.	ENV submittal #14479.C006 and Specification 02110 of the Modified Technical Specifications (Appendix H of the RDIP)
14479 - 08	Change in design for the waste water treatment system in accordance with ENV submittal #14479-015b.	Specification 11200 of the Modified Technical Specifications (Appendix H of the RDIP)
14479 - 09	Omit sump nos. 2 and 14 from the sump remediation plan	Figure 19 of the RDIP
14479 - 10	Delete the third sentence of section 3.3.4 that reads "A summary monthly report is prepared by the Resident Engineer and forwarded to the PM."	Section 3.3.4 of the Construction QA/QC Plan (Appendix C of the RDIP)
14479 - 11	Revise the lower left-hand box under Action Level II to read, in part: "Implement additional emission controls and increase frequency of sampling to every third day..."	Figure I-5 of the Perimeter Air Monitoring Plan (Appendix I of the RDIP)
14479 - 12	Revise the action level for PM-10 from 30ug/m ³ to 50ug/m ³ to be consistent with the California 24-hour standard.	Table I-1 of the Perimeter Air Monitoring Plan (Appendix I of the RDIP)

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14479 - 13	Separate the Highway 84 Right-of-Way from Phase IIa work as a stand-alone work component to be completed according the RDIP	Subsection Phase II & Phase IIa of Section 2.4 & Exhibit A of Amendment 1 to the RDIP
14479-14	Revise the mass grading plan to include construction of a super pad with a nominal elevation of 48.5 feet Mean Sea Level	Figure 1B of Amendment 1 to the RDIP
14479-15	Revise the requirement to report all definitive soil sample results on a dry weight basis to reporting all definitive soil sample results on an as-received basis.	Second sentence of Section 7.1.3 of Part II of Appendix B, Final Sampling and Analysis Plan
14479-16	Modify the general earthwork specifications for the Route 84 Right-of-Way.	Section 1.6.2 and 1.8 of Technical Specification 02310 & Item 2 of the Scope of Work Additional Work Items Beyond the Scope of the RDIP

8.0 CONCLUSIONS

All work required by the Final Remedial Design and Implementation Plan (RDIP) has been completed in the Route 84 Right-of-Way (ROW). The remedial activities conducted during the Route 84 ROW remediation of the Pacific States Steel Corporation Plant Site Union City, California (PSSC) were in general accordance with the RDIP as described and documented in this Route 84 Remedial Action Completion Report (RACR). These remedial activities included the removal of slag veneer and its placement in the Waste Consolidation Area (WCA), excavation of total petroleum hydrocarbon (TPH)-impacted soils, placement of backfill to achieve design grades, final grading of the detention basin, and final as-built surveys.

No further remediation is required in the Route 84 ROW. The Route 84 ROW is suitable for the planned development.

9.0 REFERENCES

Gilbert, Richard O. Statistical Methods For Environmental Pollution Monitoring, 1987.

Information Advisory Clean Imported Fill Material (DTSC, October 2001).

Shaw Environmental & Infrastructure, Inc. PSSC Plant Site Final Remedial Design and Implementation Plan (RDIP), June 17, 2002.

Shaw Environmental & Infrastructure, Inc. Amendment I to the RDIP, December 18, 2002

Shaw Environmental & Infrastructure, Inc. Scope of Work - Additional Work Items Beyond the Scope of the RDIP, March 24, 2003

Singh, A., Singh, A.K., Maichle, R.W. ProUCL (IBM Version 3.0), [Computer Program]. April 2004. Available Distributor: The United States Environmental Protection Agency Technical Support Center in Las Vegas, Nevada.

TABLE I
PARTIAL SLAG EXCAVATION CONFIRMATION SAMPLE RESULTS
FOR THE ROUTE 84 RIGHT-OF-WAY REMEDIATION

Date Sampled	Sample No.	Sample Location	Grid Northing	Grid Easting	Sample Elevation (ft MSL)	Sample Depth (ft)	Lab ID No.	As (mg/Kg)	Cd (mg/Kg)	Cr (mg/Kg)	Cu (mg/Kg)	Pb (mg/Kg) Avg = 300 Ceil = 840	Ni (mg/Kg)
CLEANUP STANDARDS:								14	9	89	2,900		150
27-Oct-2003	veneer-805	sample grid #131	8754.6	9648.0	44.1	1.9	168454	6.7	0.30	70	34	8.5	87
31-Oct-2003	veneer-865	sample grid #132	8834.5	9676.6	41.0	5.0	168545	18	1.8	150	400	170	200
5-Nov-2003	veneer-1056	sample grid #132	8834.5	9676.6	39.4	6.6	168653	9.9		93			140
14-Nov-2003	veneer-1110	sample grid #132	8834.5	9676.6	38.4	7.6	168871			69			
31-Oct-2003	veneer-870	sample grid #139	8543.0	9482.1	42.7	3.3	168545	9.7	ND	89	44	16	100
31-Oct-2003	veneer-867	sample grid #140	8623.0	9510.7	39.3	6.7	168545	11	31	750	370	1,200	97
5-Nov-2003	veneer-1054	sample grid #140	8623.0	9510.7	38.1	7.9	168653		0.074	70		8.4	
31-Oct-2003	veneer-866	sample grid #141	8703.1	9539.3	37.0	9.0	168545	7.5	19	570	270	1,300	64
5-Nov-2003	veneer-1053	sample grid #141	8703.1	9539.3	35.4	10.6	168653		0.05	73		8.2	
12-Nov-2003	veneer-1092	sample grid #142	8783.2	9567.9	41.7	4.3	168835	8.3	1.5	150	48	26	85
24-Nov-2003	veneer-1199	sample grid #142	8783.2	9567.9	40.2	5.8	169063			170			
26-Nov-2003	veneer-1222	sample grid #142	8783.2	9567.9	38.8	7.2	169128			70			
20-Nov-2003	veneer-1183	sample grid #143	8863.2	9596.5	43.9	2.1	168998	9.3	0.98	76	86	75	86
5-Nov-2003	veneer-1044	sample grid #144	8171.3	9259.1	43.3	2.7	168653	7.3	0.24	75	36	15	93
5-Nov-2003	veneer-1045	sample grid #144 (DUP)	8171.3	9259.1	43.3	2.7	168653	7.6	0.22	75	33	12	92
5-Nov-2003	veneer-1051	sample grid #145	8251.4	9287.7	41.8	4.2	168653	7.6	0.11	73	31	8.3	92
5-Nov-2003	veneer-1038	sample grid #146	8331.5	9316.2	41.0	5.0	168653	8.0	0.22	79	52	13	100
5-Nov-2003	veneer-1039	sample grid #146 (DUP)	8331.5	9316.2	41.0	5.0	168653	9.1	0.39	76	87	28	100
31-Oct-2003	veneer-876	sample grid #147	8411.5	9345.0	36.4	9.6	168545	9.7	1.3	110	220	50	110
5-Nov-2003	veneer-1060	sample grid #147	8411.5	9345.0	35.2	10.8	168653			69			
31-Oct-2003	veneer-871	sample grid #148	8491.6	9373.5	43.1	2.9	168545	10	1.1	87	260	87	93
31-Oct-2003	veneer-869	sample grid #149	8571.6	9402.1	41.7	4.3	168545	12	ND	140	98	41	100
5-Nov-2003	veneer-1057	sample grid #149	8571.6	9402.1	40.2	5.8	168653			70			
24-Nov-2003	veneer-1198	sample grid #153	8891.8	9516.5	43.5	2.5	169065	11	0.44	84	88	69	92
26-Nov-2003	veneer-1213	sample grid #154	8971.8	9545.1	44.3	1.7	169128	21	5.1	170	650	300	200
11-Dec-2003	veneer-1229	sample grid #154	8971.8	9545.1	43.0	3.0	169384	10		81			100
5-Nov-2003	veneer-1050	sample grid #155	8302.9	9396.4	41.5	4.6	168653	19	0.23	67	34	14	85
14-Nov-2003	veneer-1111	sample grid #155	8302.9	9396.4	40.1	5.9	168871	12					

Sample	Indicates an exceedance of Site Cleanup Levels
Sample	Indicates results due to additional excavation of a sample location that previously exceeded Site Cleanup Levels

TABLE II Excavation of TPH-Impacted Soil at Deep TPH No. 5 (Sidewall Samples)					
Date Sampled	Sample No.	Sample Location	Sample Depth (feet MSL)	TEH (diesel) (mg/Kg)	TEH (motor oil) (mg/Kg)
CLEANUP STANDARDS:				Avg=350 Ceil=500	Avg=350 Ceil=500
4/27/2004	TPH5-SW1-1771	Sidewall No. 1	13.2	ND	ND
4/28/2004	TPH5-SW2-1772	Sidewall No. 2	11.6	29	58
4/28/2004	TPH5-SW3-1773	Sidewall No. 3	11.2	22	47
4/29/2004	IPH5-SW4-1774	Sidewall No. 4*	12.3	2.2	ND
4/29/2004	TPH5-SW5-1775	Sidewall No. 5	11.3	3.1	ND
4/30/2004	TPH5-SW6-1776	Sidewall No. 6	13.3	ND	ND
4/30/2004	TPH5-SW7-1777	Sidewall No. 7	10.5	ND	ND
4/30/2004	TPH5-SW8-1778	Sidewall No. 8	11.4	1.3	ND
4/30/2004	TPH5-SW9-1779	Sidewall No. 9	12.8	ND	ND
5/1/2004	TPH5-SW10-1780	Sidewall No. 10	13.5	ND	ND
5/1/2004	IPH5-SW11-1781	Sidewall No. 11*	14.5	ND	ND
5/3/2004	IPH5-SW12-1782	Sidewall No. 12*	12.5	59	130
5/3/2004	IPH5-SW13-1783	Sidewall No. 13*	12.9	ND	ND
5/3/2004	TPH5-SW14-1784	Sidewall No. 14	10.9	ND	ND
5/3/2004	TPH5-SW15-1785	Sidewall No. 15	13.5	ND	ND

* Sidewall verification samples collected from the portion of the excavation location within the Phase I property.

TABLE II Excavation of TPH-Impacted Soil at Deep TPH No. 5 (Floor Samples)					
Date Sampled	Sample No.	Sample Location	Sample Depth (feet MSL)	TEH (diesel) (mg/Kg)	TEH (motor oil) (mg/Kg)
CLEANUP STANDARDS:				Avg=350 Ceil=500	Avg=350 Ceil=500
4/26/2004	TPH5-1796	Floor No. 1	10	350	430
4/26/2004	TPH5-1797	Floor No. 2	10	69	95
4/27/2004	TPH5-1798	Floor No. 3	10	2,600	3,100
4/27/2004	TPH5-1799	Floor No. 4	10	4.5	ND
4/27/2004	TPH5-1800	Floor No. 5	10	47	53
4/27/2004	TPH5-1801	Floor No. 6	10	1,700	1,900
4/28/2004	TPH5-1802	Floor No. 7	10	180	220
4/28/2004	TPH5-1803	Floor No. 8	10	60	68
4/28/2004	TPH5-1804	Floor No. 9	10	1.5	ND
4/28/2004	TPH5-1805	Floor No. 10	10	100	130
4/28/2004	TPH5-1806	Floor No. 11	10	1.4	ND
4/28/2004	IPH5-1807	Floor No. 12*	10	260	400
4/29/2004	TPH5-1808	Floor No. 13	10	1.5	ND
4/29/2004	TPH5-1809	Floor No. 14	10	1.4	ND
4/29/2004	TPH5-1810	Floor No. 15	10	29	37
4/30/2004	TPH5-1811	Floor No. 16	10	1.3	ND
4/30/2004	TPH5-1812	Floor No. 17	10	1.6	ND
4/30/2004	TPH5-1813	Floor No. 18	10	1.3	ND
4/30/2004	TPH5-1814	Floor No. 19	10	ND	ND
4/30/2004	TPH5-1815	Floor No. 20	10	11	13
5/1/2004	TPH5-1816	Floor No. 21	10	2.2	ND
5/1/2004	TPH5-1817	Floor No. 22	10	1.3	ND
5/1/2004	IPH5-1818	Floor No. 23*	10	1.5	ND
5/3/2004	IPH5-1819	Floor No. 24*	10	3.1	ND
5/3/2004	IPH5-1820	Floor No. 25*	10	1.1	ND
5/3/2004	TPH5-1821	Floor No. 26	10	1.3	ND

* Floor verification samples collected from the portion of the excavation location within the Phase I property.

TABLE III

ROUTE 84 BORROW CONFIRMATION SAMPLE RESULTS

ROUTE 84 BORROW CONFIRMATION SAMPLE RESULTS														
Sample Date	Lab ID.	Sample No.	Composite No.	Sample Depth (ft bgs)	~Sampled Elevation (ft MSL)	Metals Of Concern						Hydrocarbons		PCB (µg/kg)
						Arsenic (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Copper (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	TEH (diesel) (mg/Kg)	TEH (motor oil) (mg/Kg)	
CLEANUP STANDARDS:						14	9	89	2,900	Avg = 300 Ceil = 840	150	Avg = 350 Ceil = 500	Avg = 350 Ceil = 500	1,000
1st Event	168589	route 84-902	Composite No. 1	0-8 ft bgs	37.93	8.3	0.098 (J)*	79	36	11	94	140	190	ND
		route 84-903		0-8 ft bgs	32.69									
		route 84-904		0-8 ft bgs	39.76									
		route 84-905		0-8 ft bgs	36.88									
	168589	route 84-906	Composite No. 2	0-8 ft bgs	37.55	9.8	1.1	83	110	83	97	28	130	ND
		route 84-907		0-8 ft bgs	35.04									
		route 84-908		0-8 ft bgs	36.68									
		route 84-909		0-8 ft bgs	36.94									
	168589	route 84-910	Composite No. 2 Duplicate	0-8 ft bgs	37.55	13.0	1.1	81	160	83	99	43	200	Aroclor-1254 =210
		route 84-911		0-8 ft bgs	35.04									
		route 84-912		0-8 ft bgs	36.68									
		route 84-913		0-8 ft bgs	36.94									
	168591	route 84-914	Composite No. 4	0-8 ft bgs	39.55	7.7	0.39	80	46	37	93	32	120	ND
		route 84-915		0-8 ft bgs	41.46									
		route 84-916		0-8 ft bgs	35.17									
		route 84-917		0-8 ft bgs	38.15									
	168591	route 84-918	Composite No. 5	0-8 ft bgs	34.64	8.2	0.21 (J)*	84	43	12	100	6.8	26	ND
		route 84-919		0-8 ft bgs	39.18									
		route 84-920		0-8 ft bgs	38.43									
		route 84-921		0-8 ft bgs	37.62									
	168591	route 84-922	Composite No. 6	0-8 ft bgs	38.81	8.6	0.27	81	42	14	97	4.4	15	ND
		route 84-923		0-8 ft bgs	38.78									
		route 84-924		0-8 ft bgs	38.89									
		route 84-925		0-8 ft bgs	37.98									
	168626	route 84-927	Composite No. 7	0-8 ft bgs	39.10	8.7	0.58	82	58	19	92	15	46	Aroclor-1260 =27
		route 84-928		0-8 ft bgs	38.57									
		route 84-929		0-8 ft bgs	37.80									
		route 84-930		0-8 ft bgs	38.82									

ROUTE 84 BORROW CONFIRMATION SAMPLE RESULTS

Sample Date		Lab ID.	Sample No.	Composite No.	Sample Depth (ft bgs)	~Sampled Elevation (ft MSL)	Metals Of Concern						Hydrocarbons		PCB (µg/kg)
							Arsenic (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Copper (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	TEH (diesel) (mg/Kg)	TEH (motor oil) (mg/Kg)	
CLEANUP STANDARDS:							14	9	89	2,900	Avg = 300 Ceil = 840	150	Avg = 350 Ceil = 500	Avg = 350 Ceil = 500	1,000
2nd Event	9-Feb-2004	170485	RT84-1308	Composite No. 1	0-7 ft bgs	30.43	8.4	0.16 (J)*	89	37	9	130	ND	ND	ND
	9-Feb-2004		RT84-1309		0-7 ft bgs	27.69									
	9-Feb-2004		RT84-1310		0-7 ft bgs	34.76									
	9-Feb-2004		RT84-1311		0-7 ft bgs	31.88									
	9-Feb-2004	170485	RT84-1312	Composite No. 2	0-7 ft bgs	32.55	9.1	0.24 (J)*	83	40	11	110	2	7	ND
	9-Feb-2004		RT84-1313		0-7 ft bgs	30.04									
	9-Feb-2004		RT84-1314		0-7 ft bgs	31.68									
	9-Feb-2004		RT84-1315		0-7 ft bgs	31.94									
	9-Feb-2004	170485	RT84-1316	Composite No. 3	0-7 ft bgs	32.55	8.6	0.42	82	42	10	110	ND	ND	ND
	9-Feb-2004		RT84-1317		0-7 ft bgs	30.04									
	9-Feb-2004		RT84-1318		0-7 ft bgs	31.68									
	9-Feb-2004		RT84-1319		0-7 ft bgs	31.94									
	9-Feb-2004	170485	RT84-1320	Composite No. 4	0-7 ft bgs	34.55	8.2	0.32	78	39	9.9	100	ND	ND	ND
	9-Feb-2004		RT84-1321		0-7 ft bgs	36.46									
	9-Feb-2004		RT84-1322		0-7 ft bgs	30.17									
	9-Feb-2004		RT84-1323		0-7 ft bgs	33.15									
	9-Feb-2004	170485	RT84-1324	Composite No. 4 Duplicate	0-7 ft bgs	29.64	8.6	0.39	80	41	10	110	ND	ND	ND
	9-Feb-2004		RT84-1325		0-7 ft bgs	34.18									
	9-Feb-2004		RT84-1326		0-7 ft bgs	33.43									
	9-Feb-2004		RT84-1327		0-7 ft bgs	32.62									
	9-Feb-2004	170485	RT84-1328	Composite No. 5	0-7 ft bgs	33.81	9.7	0.38	76	41	11	98	ND	ND	ND
	9-Feb-2004		RT84-1329		0-7 ft bgs	33.78									
	9-Feb-2004		RT84-1330		0-7 ft bgs	33.89									

ROUTE 84 BORROW CONFIRMATION SAMPLE RESULTS

	Sample Date	Lab ID.	Sample No.	Composite No.	Sample Depth (ft bgs)	~Sampled Elevation (ft MSL.)	Metals Of Concern						Hydrocarbons		PCB (µg/kg)
							Arsenic (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Copper (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	TEH (diesel) (mg/Kg)	TEH (motor oil) (mg/Kg)	
													Avg = 350 Ceil = 500	Avg = 350 Ceil = 500	
CLEANUP STANDARDS:							14	9	89	2,900	Avg = 300 Ceil = 840	150	Avg = 350 Ceil = 500	Avg = 350 Ceil = 500	1,000
3rd & 4th Events	13-Apr-2004	MND-0316	RT84-1685	Composite No. 1	0-6 ft bgs	28.44	6.9	0.21	46	19	6.5	69	ND	ND	ND
	13-Apr-2004		RT84-1686		0-6 ft bgs	28.56									
	13-Apr-2004		RT84-1687		0-6 ft bgs	28.47									
	13-Apr-2004		RT84-1688		0-6 ft bgs	26.90									
	13-Apr-2004	MND-0316	RT84-1689	Composite No. 2	0-6 ft bgs	26.44	9.0	ND	61	22	8.0	83	ND	ND	ND
	13-Apr-2004		RT84-1690		0-6 ft bgs	26.56									
	13-Apr-2004		RT84-1691		0-6 ft bgs	26.47									
13-Apr-2004	RT84-1692		0-6 ft bgs		24.90										
5th Event	19-Apr-2004	MND-0454	RT84/5- 1725	Composite No. 1	0-4 ft bgs	21.48	13.0	0.26	58	33	10	69	5	ND	ND
	19-Apr-2004		RT84/5- 1726		0-4 ft bgs	25.30									
	19-Apr-2004		RT84/5- 1727		0-4 ft bgs	21.37									
	19-Apr-2004		RT84/5- 1728		0-4 ft bgs	21.20									
	19-Apr-2004	MND-0454	RT84/5- 1729	Composite No. 2	0-4 ft bgs	22.13	11.0	0.30	78	34	14	100	ND	ND	ND
	19-Apr-2004		RT84/5- 1730		0-4 ft bgs	21.78									
	19-Apr-2004		RT84/5- 1731		0-4 ft bgs	21.42									
19-Apr-2004	RT84/5- 1732		0-4 ft bgs		21.74										

* Sample results was marked with a 'J' qualifier to estimate the concentration below the standard reporting limit.

Note: Sample depth implies a vertical composite collected from the surface to the depth indicated.

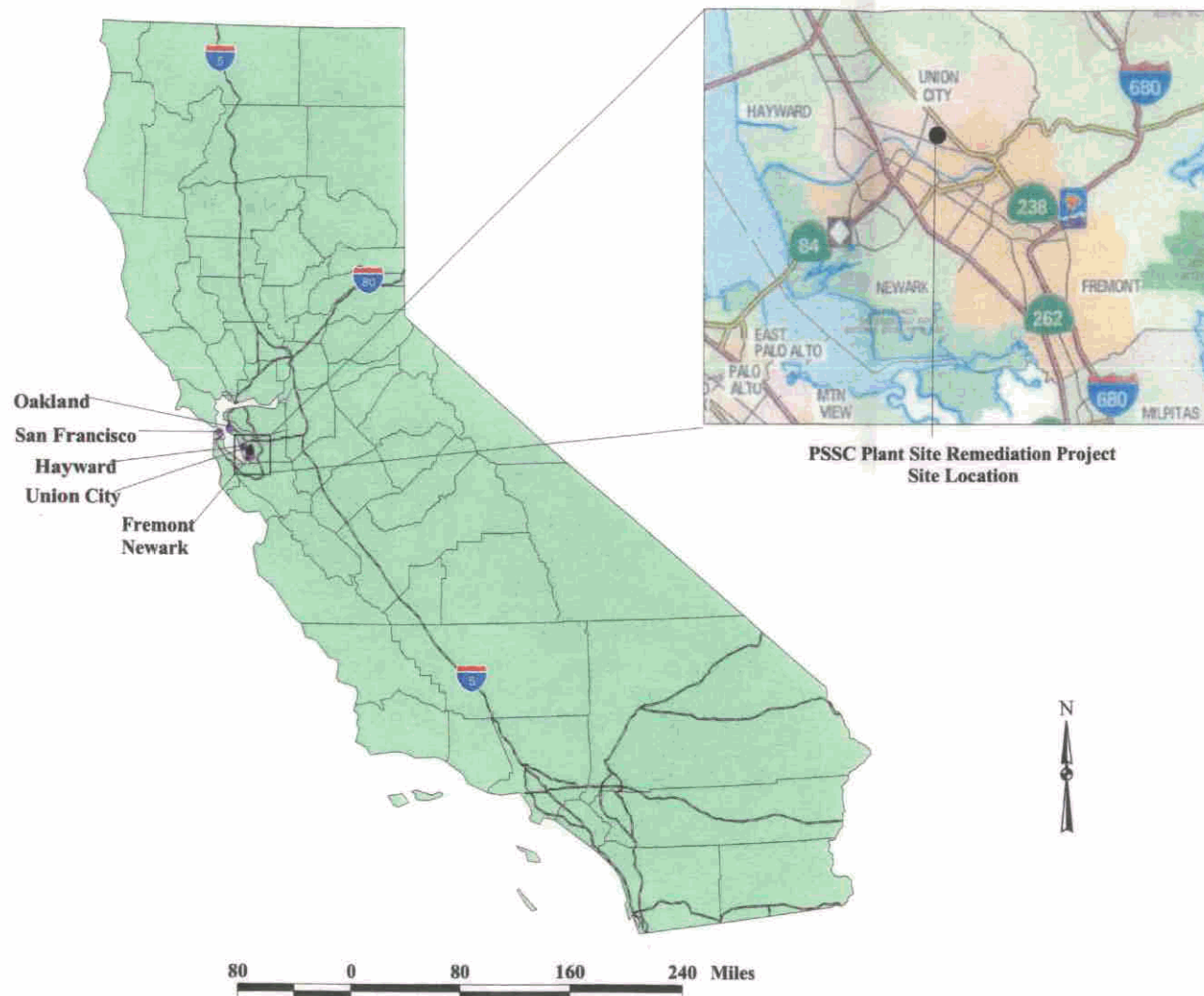
TABLE IV
Groundwater and Macro-Core Soil Sample Results

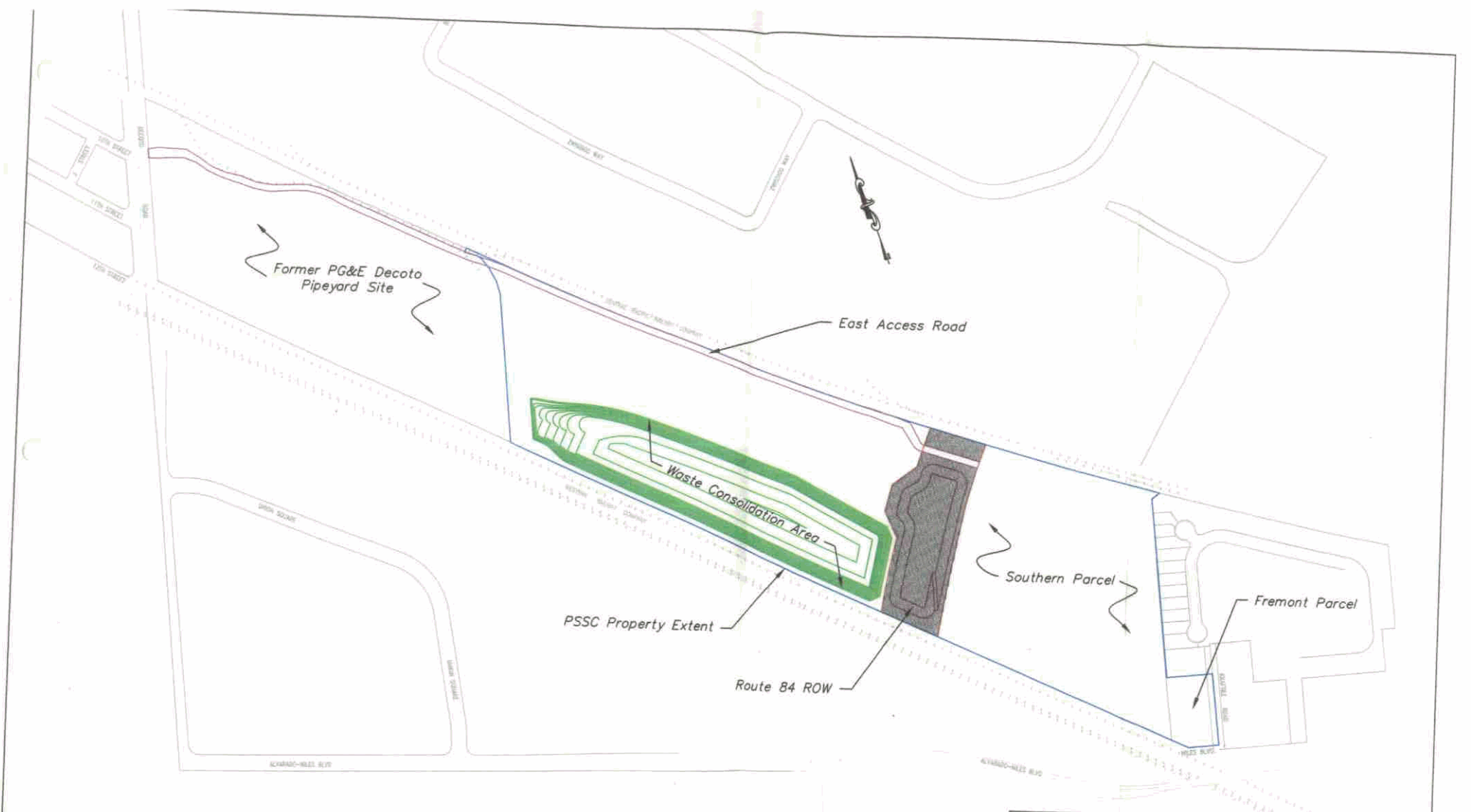
Sample No.	Date Sampled	Soil Sample Depth (MSL)	Water Level (MSL)	Well Screen Interval (MSL)		Volume Purged	Sample Results (µg/L)			
				Shallow GW	Newark Aquifer		Gas	BTEX	Motor Oil	Diesel
GW-TPH#5A-1869	6/2/2004	N/A	6 ft	N/A	-2 to 0 ft	7.5 L	< 50	< 0.50	< 620	< 62
GW-TPH#6A-1890 (6-3)	6/7/2004	N/A	--	N/A	-2 to 1 ft	2.0 L	< 50	< 0.50	< 530	170
GW-TPH#6B-1884 (6-1)	6/7/2004	N/A	9 ft	9 to 19 ft	N/A	0	74	< 0.50	< 810	96
GW-TPH#6B.2-1894 (6-2)	6/7/2004	N/A	16 ft	8 to 18 ft	N/A	2.0 L	< 50	< 0.50	< 600	< 60
Sample Results (mg/Kg)										
TPH#6-1-9-1881	6/7/2004	9 ft	N/A	N/A	N/A	N/A	--	--	< 10	1.6
TPH#6-1-16-1883	6/7/2004	16 ft	N/A	N/A	N/A	N/A	--	--	< 10	4.5
TPH#6-1-23-1882	6/7/2004	23 ft	N/A	N/A	N/A	N/A	--	--	< 10	5.6
TPH#6-2-13-1891	6/7/2004	13 ft	N/A	N/A	N/A	N/A	--	--	< 10	3.4
TPH#6-2-23-1892	6/7/2004	23 ft	N/A	N/A	N/A	N/A	--	--	< 10	2.3
TPH#6-2-30-1893	6/7/2004	30 ft	N/A	N/A	N/A	N/A	--	--	< 10	< 1.0
TPH#6-3-8-1887	6/7/2004	8 ft	N/A	N/A	N/A	N/A	--	--	< 10	1.8
TPH#6-3-18-1888	6/7/2004	18 ft	N/A	N/A	N/A	N/A	--	--	< 10	1.6
TPH#6-3-27-1889	6/7/2004	27 ft	N/A	N/A	N/A	N/A	--	--	< 10	2.5
TPH#6-4-07-1895	6/7/2004	7 ft	N/A	N/A	N/A	N/A	--	--	< 10	1.2
TPH#6-4-17-1896	6/7/2004	17 ft	N/A	N/A	N/A	N/A	--	--	< 10	< 1.0
TPH#6-4-27-1897	6/7/2004	27 ft	N/A	N/A	N/A	N/A	--	--	< 10	1.7
TPH#6-4-37-1898	6/7/2004	37 ft	N/A	N/A	N/A	N/A	--	--	< 10	2.7

Notes: Water level was not recorded at GW-TPH#6A-1890 due to field problems with water meter.


PSSC Site Location

State Of California





 Route 84 Remediated Area

PREPARED FOR: PSSC		PREPARED BY: ENVIROCON 101 INTERNATIONAL WAY MISSOULA, MONTANA 59808	
TITLE Site Layout & Location of Route 84 Remediated Area			
SCALE: 1 inch = 400 feet	DRAWING No. 1	PAGE:	REVISION
DRAWN BY: TBM	CHECKED BY:	DATE: 7/21/04	

RJA BENCHMARKS

RJA BENCHMARK #90
Northing: 10489.77
Easting: 7806.81
Elevation: 53.37

RJA BENCHMARK #96
Northing: 9601.09
Easting: 7701.03
Elevation: 44.82

RJA BENCHMARK #88
Northing: 8379.27
Easting: 10389.81
Elevation: 46.16

RJA BENCHMARK #85
Northing: 7498.51
Easting: 10715.87
Elevation: 45.93

RJA BENCHMARK #86
Northing: 7104.46
Easting: 10608.32
Elevation: 48.66

Mission Blvd.

Zwissig Way

7th Street

Union Square

Alvarado-Niles

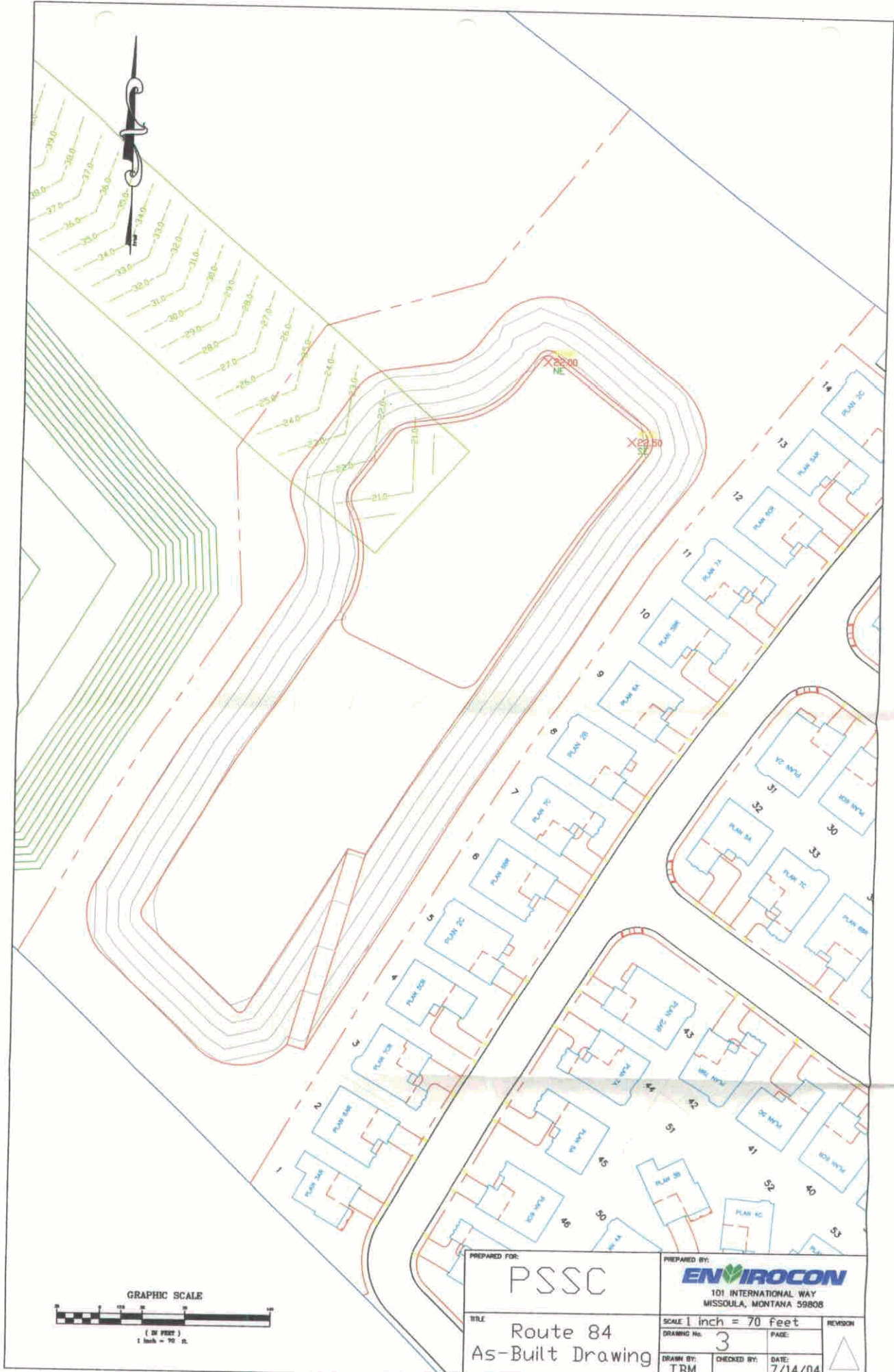
Kraftile Rd



Drawing:
2

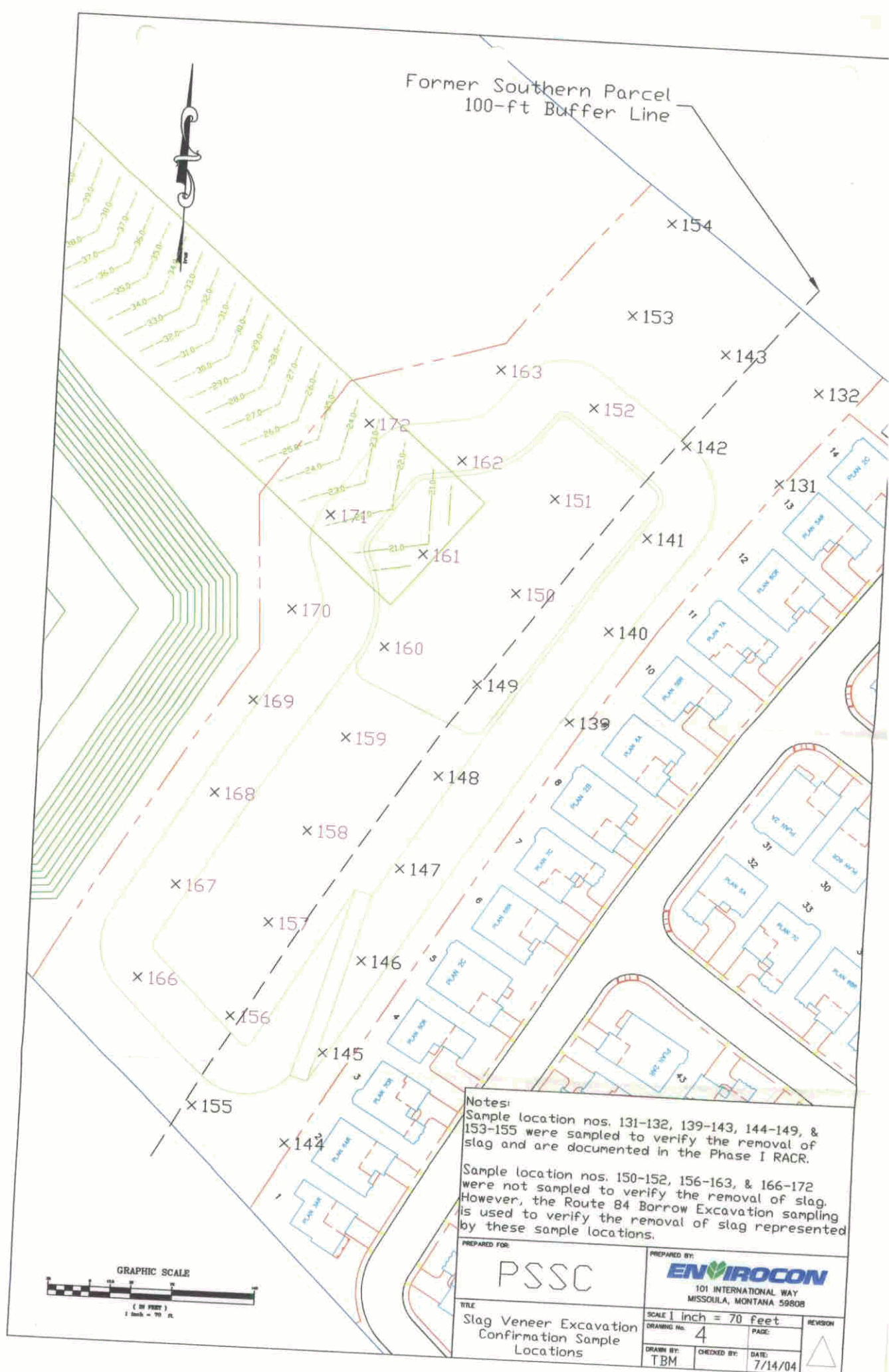
Created On: December 1st, 2003
Created By: Marc Laczniak
Checked By: Tino Maestas
REV: 1
RJA BENCHMARKS

ENVIROCON
101 INTERNATIONAL WAY
MISSOULA, MONTANA 59808



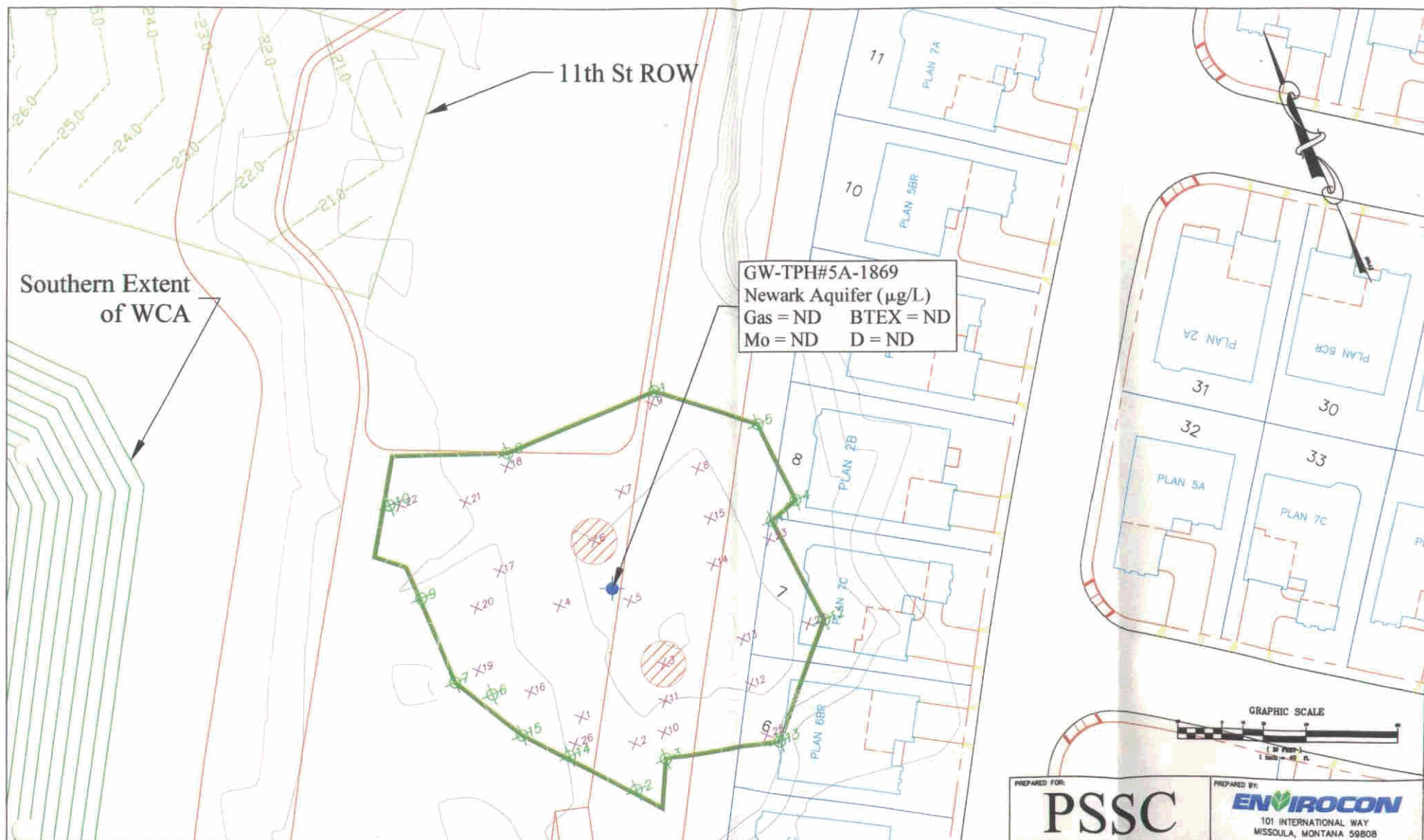
PREPARED FOR: PSSC		PREPARED BY: ENVIROCON 101 INTERNATIONAL WAY MISSOULA, MONTANA 59808	
TITLE: Route 84 As-Built Drawing		SCALE: 1 inch = 70 feet	REVISION:
DRAWING No.: 3		PAGE:	
DRAWN BY: TBM		CHECKED BY:	

Former Southern Parcel
100-ft Buffer Line



Notes:
Sample location nos. 131-132, 139-143, 144-149, & 153-155 were sampled to verify the removal of slag and are documented in the Phase I RACR.
Sample location nos. 150-152, 156-163, & 166-172 were not sampled to verify the removal of slag. However, the Route 84 Borrow Excavation sampling is used to verify the removal of slag represented by these sample locations.

PREPARED FOR: PSSC		DRAWN BY: ENVIROCON	
TITLE: Slag Veneer Excavation Confirmation Sample Locations		101 INTERNATIONAL WAY MISSOULA, MONTANA 59808	
SCALE: 1 inch = 70 feet	DRAWING No.: 4	REVISION	
DRAWN BY: TBM	CHECKED BY:	DATE: 7/14/04	



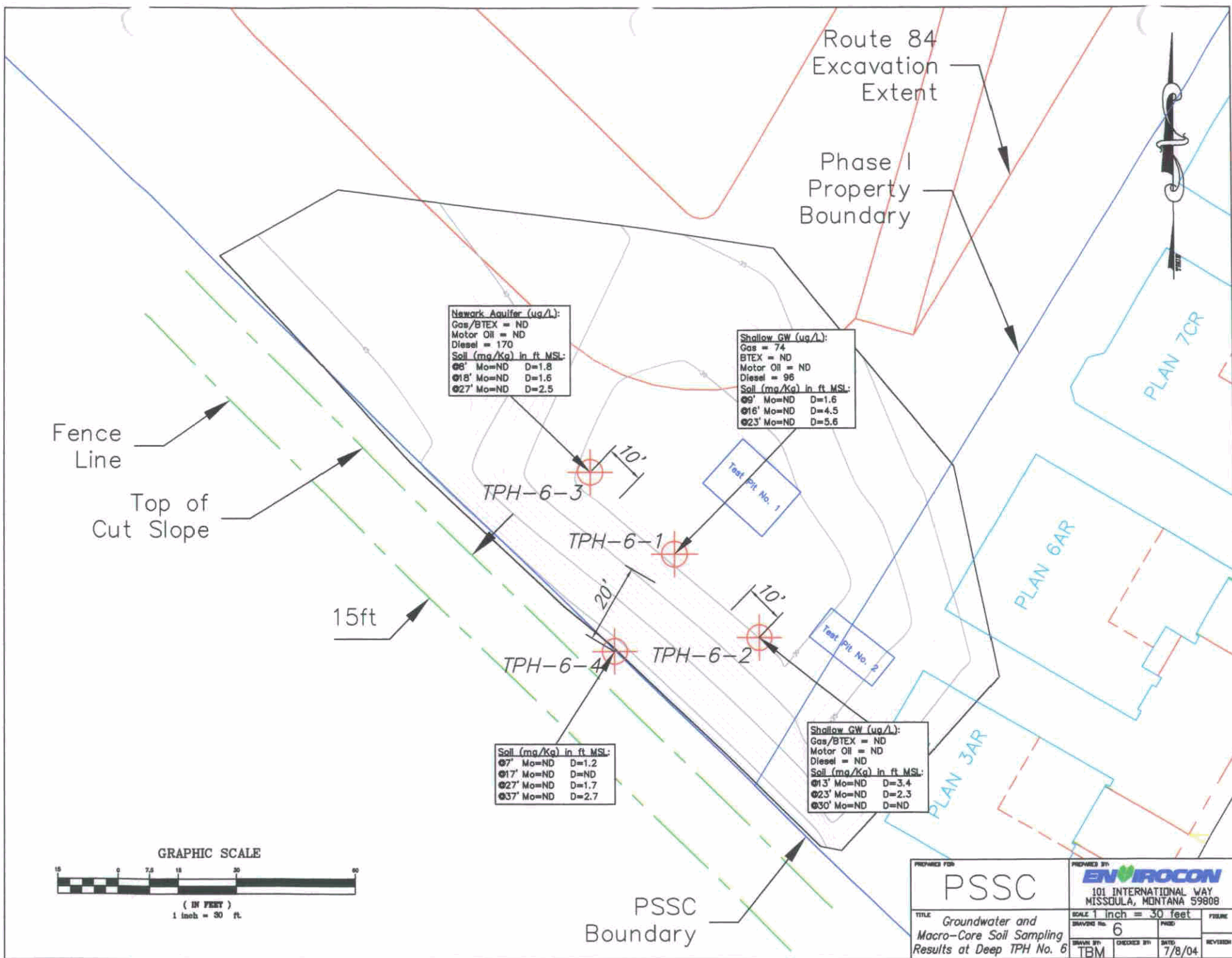
⊕ Sidewall

✕ Floor

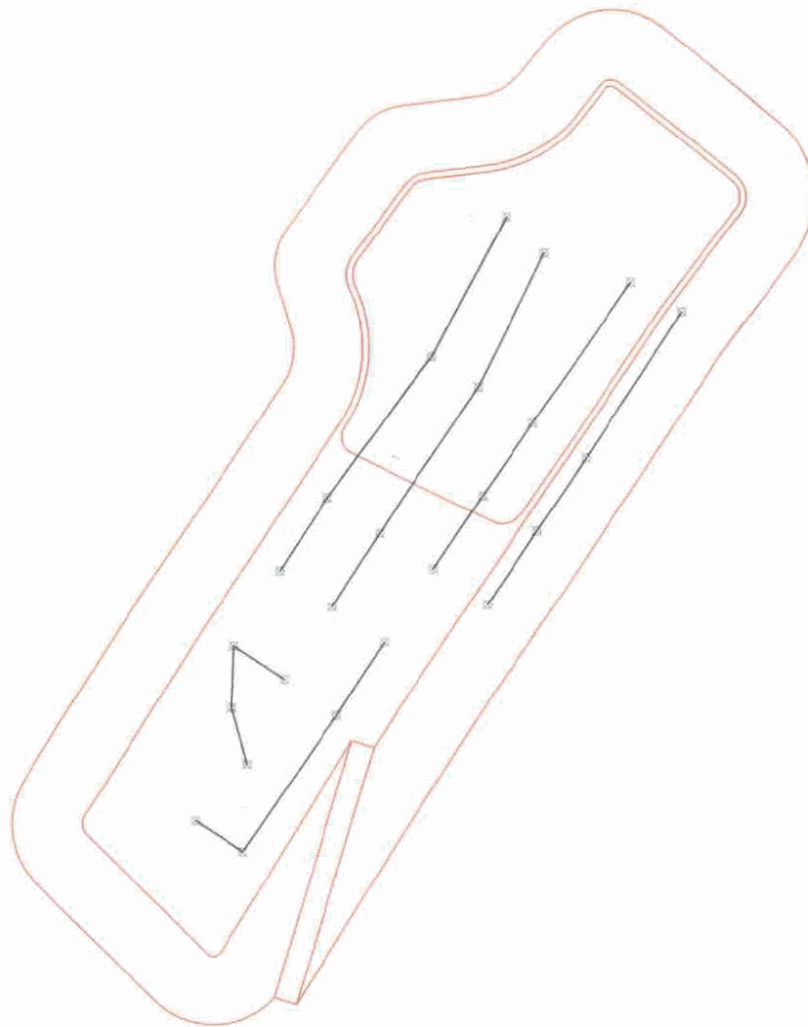
— Deep TPH No. 5
Lateral Excavation Extent

⊗ Location exceeds RDIP
cleanup levels for TPH
at 10 feet MSL

PREPARED FOR: PSSC	PREPARED BY: ENVIROCON 101 INTERNATIONAL WAY MISSOULA, MONTANA 59808
TITLE Deep TPH No. 5 Verification Sample Locations	SCALE 1 inch = 40 feet DRAWING No. 5 DRAWN BY: TBM CHECKED BY: DATE: 7/8/04
	PAGE: REVISION:



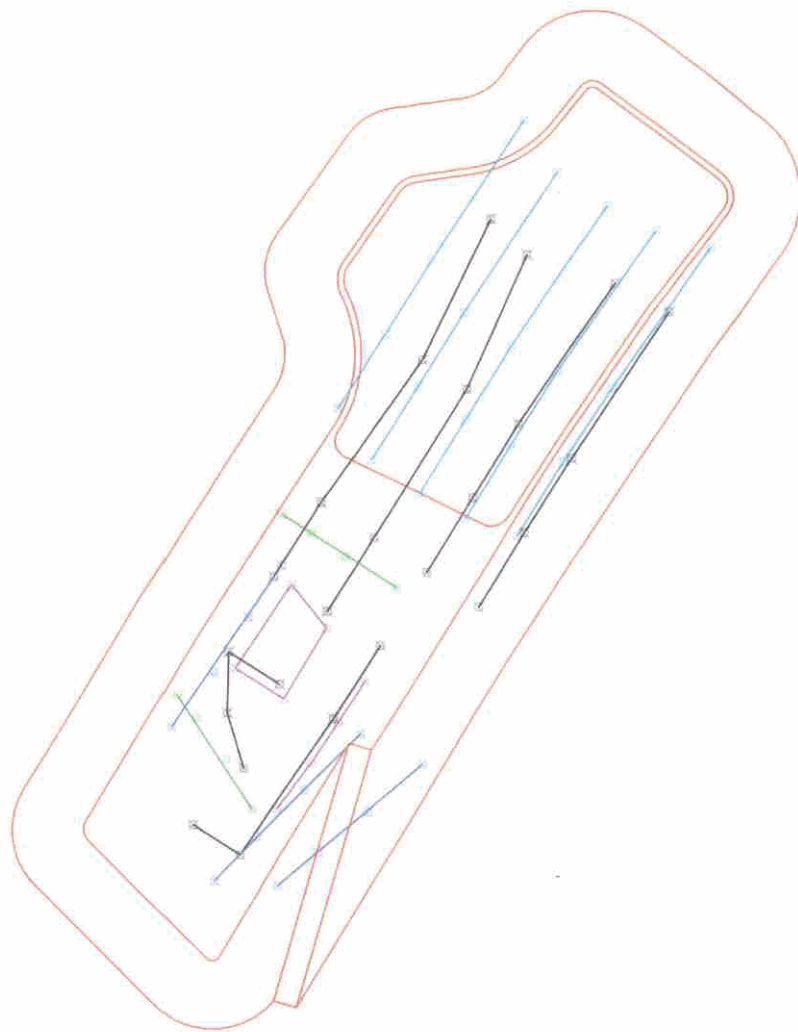
Route 84 Confirmation Sample Locations



First sample event occurred on November 1, 2003. Six 4-point composite samples were collected from 0 to 8 feet below ground surface. Each discrete sample was field composited from 0 to 8 feet.

PREPARED FOR: PSSC	PREPARED BY: ENVIROCON 101 INTERNATIONAL WAY MISSOULA, MONTANA 59808	
TITLE Route 84 Borrow Confirmation Sample Locations	SCALE: not to scale	REVISION
	DRAWING No. 7	PAGE: 2 of 5
	DRAWN BY: ML	CHECKED BY: 7/21/04

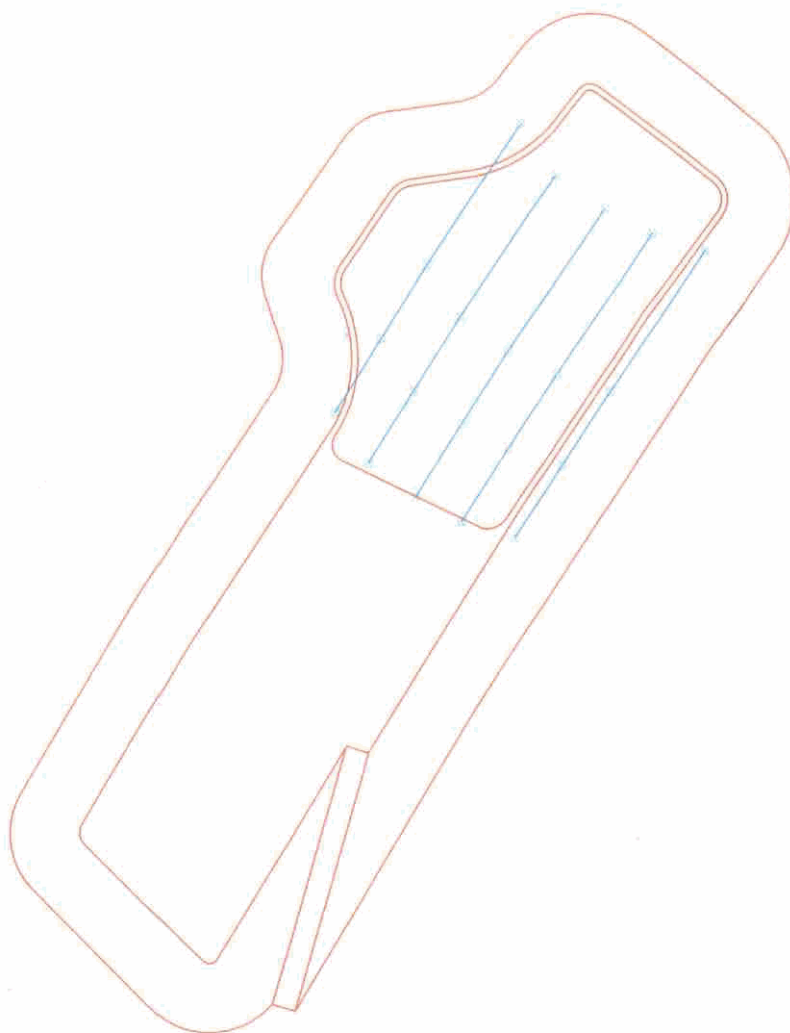
Route 84 Confirmation Sample Locations



- First Sample Event
- Second Sample Event
- Third Sample Event
- Fourth Sample Event
- Fifth Sample Event

PREPARED FOR: PSSC		PREPARED BY: ENVIROCON 101 INTERNATIONAL WAY MISSOULA, MONTANA 59808	
TITLE Route 84 Borrow Confirmation Sample Locations		SCALE: not to scale	REVISION
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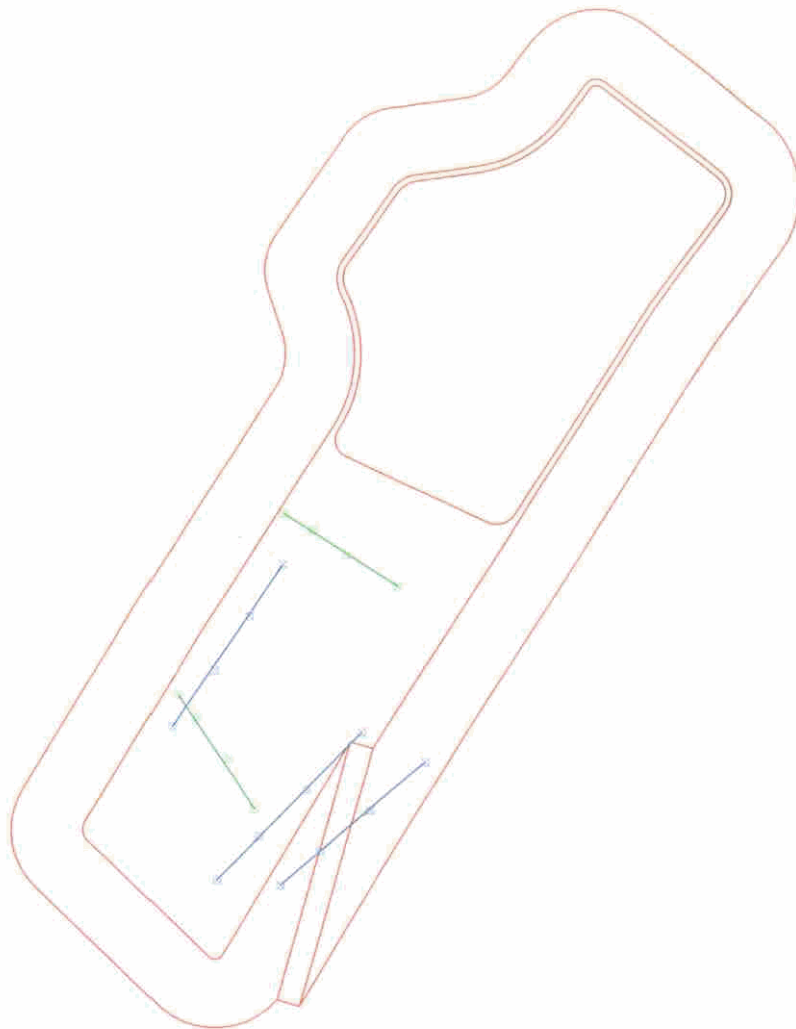
Route 84 Confirmation Sample Locations



Second sample event occurred on February 9, 2004. Five 4-point composite samples were collected from 0 to 7 feet below ground surface. Each discrete sample was field composited from 0 to 7 feet.

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TITLE Route 84 Borrow Confirmation Sample Locations		SCALE not to scale		REVISION
DRAWING No. 7		PAGE: 3 of 5		
DRAWN BY: ML		CHECKED BY: DATE: 7/21/04		

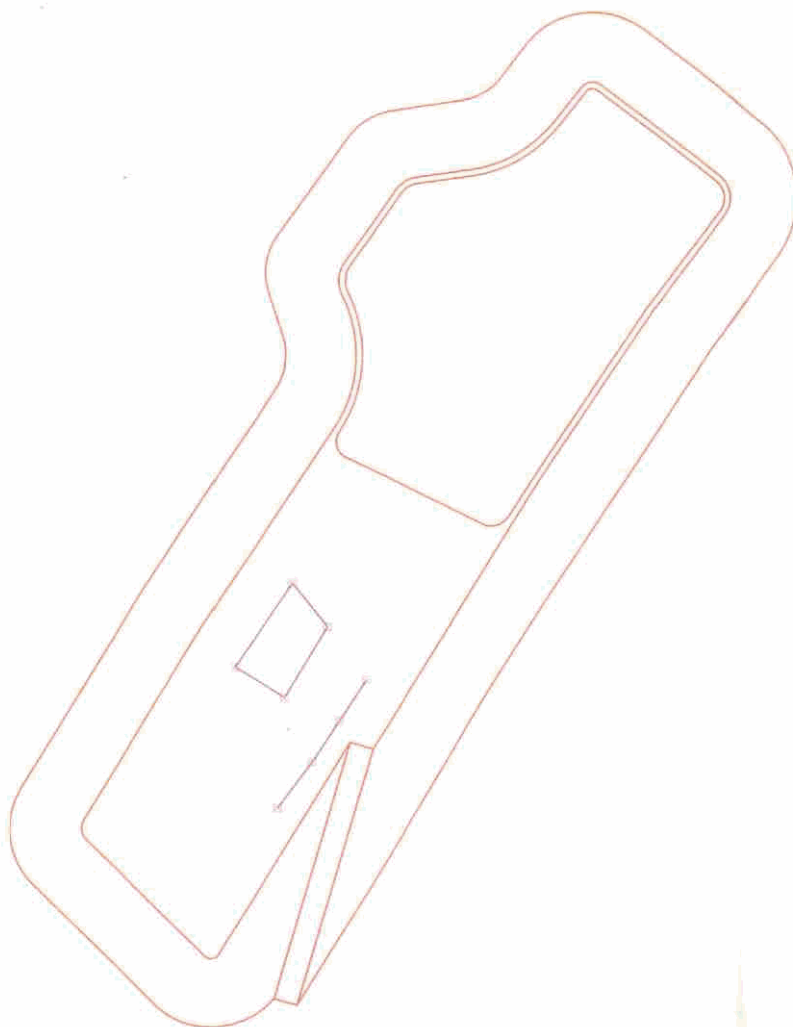
Route 84 Confirmation Sample Locations



Third and fourth sample events occurred on April 13, 2004. Five 4-point composite samples were collected from 0-6 feet below ground surface and analyzed for the metals of concern. Based on prior sampling analysis, arsenic exceeding soils were of concern in the region represented by the third and fourth sample events. Thus more samples were collected than necessary to characterize the extent of the arsenic exceeding soils. Although upon receipt of the results for the five 4-point composite, all of the composite samples met the Site cleanup levels. So based on the analysis of the metals, eight discrete samples were selectively chosen from the original twenty discrete samples to be composited into two 4-point composites. Metals, TPH, and PCB analyses were performed on the two 4-point composites.

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TITLE Route 84 Borrow Confirmation Sample Locations		SCALE: not to scale	REVISION
		DRAWING No. 7	PAGE: 4 of 5
		DRAWN BY: ML	CHECKED BY: DATE: 7/21/04

Route 84 Confirmation Sample Locations



Fifth sample event occurred on April 19, 2004. Two 4-point composite samples were collected from 0 to 4 feet below ground surface. Each discrete sample was field composited from 0 to 4 feet.

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TITLE Route 84 Borrow Confirmation Sample Locations		SCALE: not to scale	REVISION
		DRAWING No. 7	PAGE: 5 of 5
		DRAWN BY: ML	CHECKED BY: DATE: 7/21/04



Terry Tamminen
Agency Secretary
Cal/EPA



Department of Toxic Substances Control

700 Heinz Avenue, Suite 200
Berkeley, California 94710-2721



Arnold Schwarzenegger
Governor

July 22, 2004

Mr. Claude Gruen and Mrs. Nina Gruen
Gruen Gruen + Associates
564 Howard Street
San Francisco, California 94105-3002

Dear Mr. and Mrs. Gruen:

The Department of Toxic Substances Control (DTSC) has reviewed the *Final Route 84 Remedial Action Completion Report* (Route 84 RACR) for the Pacific States Steel Corporation Plant Site (Site) in Union City, dated July 22, 2004 and prepared by Envirocon. The Route 84 RACR documents the implementation of the remedial activities in the Route 84 Parcel and provides verification of the achievement of soil cleanup to unrestricted levels consistent with the Final Remedial Design and Implementation Plan (RDIP) approved by DTSC on June 20, 2002, the mechanism by which the Final Remedial Action Plan (RAP) is being implemented. This area is highlighted on the drawing included as Attachment 1 and is hereafter referred to as the "Route 84 remediated area". A legal description of the Route 84 remediated area is included as Attachment 2. Based on our review, we have determined that the remedial activities documented in the Final Route 84 RACR have been completed in accordance with the Final RDIP, or variances from the Final RDIP that DTSC has approved as work has proceeded. DTSC hereby approves the Final Route 84 RACR. All work required by the Final RDIP has been completed in the Route 84 remediated area, with the exception of future activities that may be required to implement the groundwater monitoring program outlined by Section 7.7 of the Final RDIP.

The Site soil cleanup levels were established to allow for unrestricted land use, including residential land use. Table 2 of the Final RDIP lists the soil cleanup levels that were established for the Site by the Final RAP and Explanation of Significant Differences and which have been applied during the cleanup. It should be noted that the soil cleanup level for chromium was modified with DTSC approval during the implementation of remedial activities from 69 milligrams per kilogram (mg/kg) to 89 mg/kg.

The Final RAP specifically identified that groundwater underlying the Site had minor contaminant levels present, including total petroleum hydrocarbons (TPH). The remedial action objective identified in the Final RAP for groundwater is to reduce the

potential for contaminants to leach to groundwater by removal of impacted soils or capping portions of the Site to reduce surface water infiltration. The Final RAP did not require active groundwater remediation and only required groundwater monitoring because: 1) contaminant sources were to be removed; 2) low permeability clay underlies the Site; 3) modeling results indicated there would be no impacts to water supply wells; 4) the contaminants of concern have low mobility; and 5) historical groundwater monitoring did not show significant contaminant levels.

Envirocon collected groundwater samples in the Route 84 remediated area at locations where TPH-contaminated soils were encountered at depths greater than 10 feet below the original ground surface. Low concentrations of TPH, as diesel and gasoline, were detected in samples collected at the location in the Route 84 remediated area which is identified as Deep TPH No. 6. DTSC and the Alameda County Water District have determined that monitoring of the TPH detected in groundwater at Deep TPH No. 6 can be accomplished with monitoring wells that will be installed to monitor the Waste Consolidation Area and with the monitoring well that is to be installed on the Southern Parcel at the area identified as Deep TPH No. 2. Therefore, no monitoring wells will need be installed in the Route 84 remediated area unless DTSC determines in the future that groundwater monitoring is required there to provide adequate monitoring of the Waste Consolidation Area or other portions of the Site other than the Route 84 remediated area. We reserve the right to make future access arrangements in the Route 84 remediated area should it become necessary. We expect that any access arrangements and well locations would be in public right-of-ways within the Route 84 remediated area.

The Route 84 RACR presents confirmation sampling results that show all soil cleanup has been properly completed consistent with the Final RDIP, the mechanism by which the Final RAP is being implemented, and presents documentation that the groundwater remedial action objective identified by the Final RAP has been met in the Route 84 remediated area. Therefore, the Route 84 remediated area is now suitable for the planned use as a surface water detention basin, the planned future roadway construction and other future development, requires no further soil or groundwater remediation, and requires no restrictions on future use.

Pursuant to California Health and Safety Code (HSC) Section 33495.3(c), DTSC has determined that the remedial action contained in the Final RDIP and reported in the Route 84 RACR for the Route 84 remediated area have been properly completed and the immunity provided by HSC Section 33459.3 shall apply to the Community Redevelopment Agency of the City of Union City and the other persons and entities listed in HSC Section 33459.3(e). However, in the event of the failure of the courts to uphold this determination, this determination shall not create any additional rights

Mr. Claude Gruen and Ms. Nina Gruen
July 22, 2004
Page 3

against DTSC by the Community Redevelopment Agency of the City of Union City or by any third party.

As with any real property, if previously unidentified contamination is discovered at the Site, additional assessment, investigation, and/or cleanup may be required.

If you have any questions regarding this approval, please contact Hodayune Atiqee at (510) 540-3838 or Mark Piros at (510) 540-3832.

Sincerely,

A handwritten signature in black ink, appearing to read "Barbara J. Cook". The signature is fluid and cursive, with a large initial "B" and a stylized "C".

Barbara J. Cook, P.E., Chief
Northern California
Coastal Cleanup Operations Branch

cc: see next page

Mr. Claude Gruen and Ms. Nina Gruen
July 22, 2004
Page 4

cc: Mr. Thomas Berkins
Alameda County Water District
43885 South Grimmer Blvd.
Fremont, California 94538

Mr. Mark Evanoff
City of Union City
Redevelopment Agency
34009 Alvarado-Niles Road
Union City, California 94587-4497

Mr. York Gorzolla
City of Union City
Environmental Programs Division
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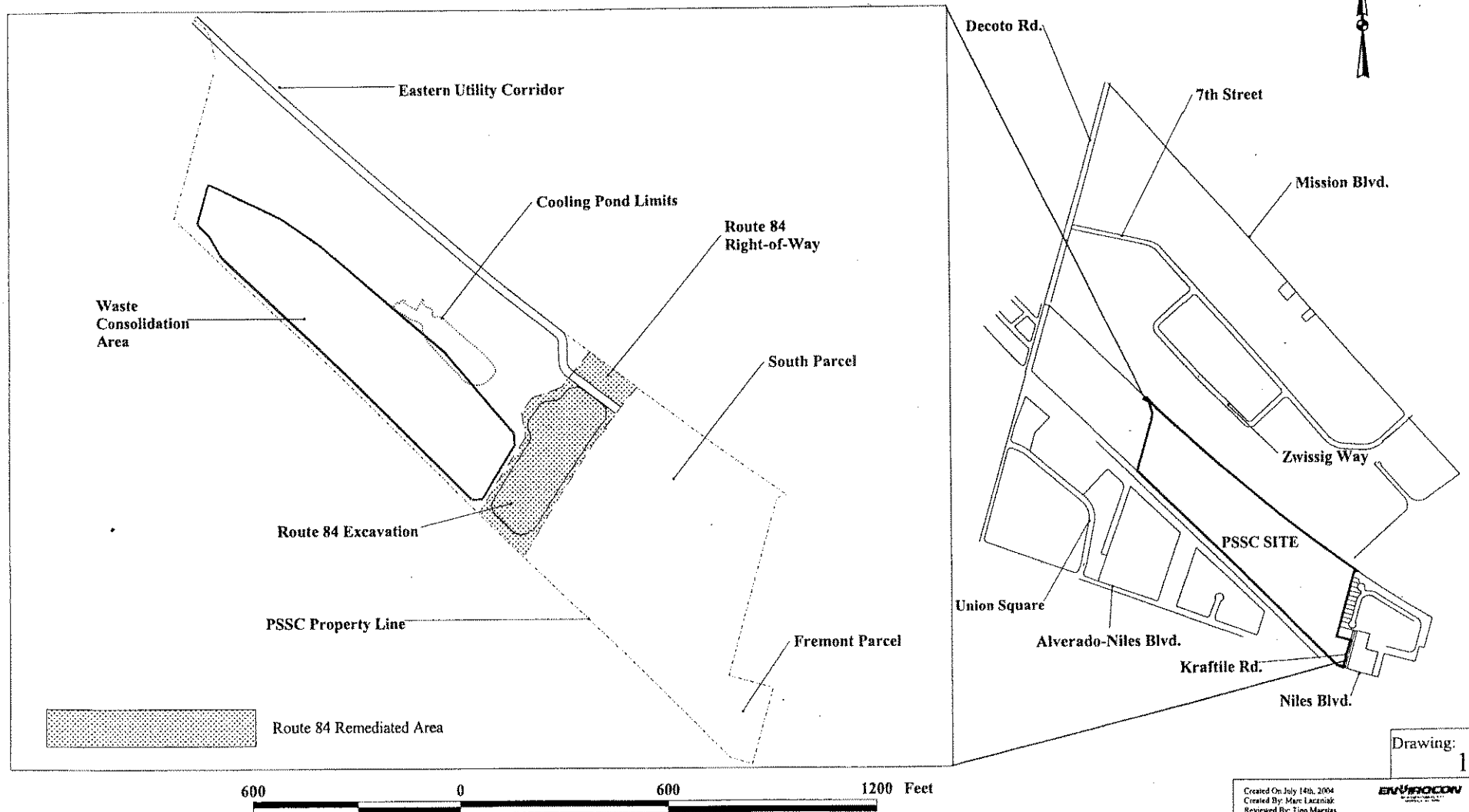
Mr. John Blodgett
Shaw Environmental & Infrastructure
4005 Port Chicago Route
Concord, CA 94520-1120

Mr. Brian Wetzsteon
Shaw Environmental & Infrastructure
10300 SW Nimbus Avenue, Suite B
Portland, Oregon 97223

Mr. Joe Sordi
KB Home South Bay, Inc.
6700 Koll Center Parkway, Suite 200
Pleasanton, California 94566

Location of Route 84 Remediated Area on the PSSC Site

Attachment 1



Attachment 2Legal Description

ROUTE 84 REMEDIATED AREA

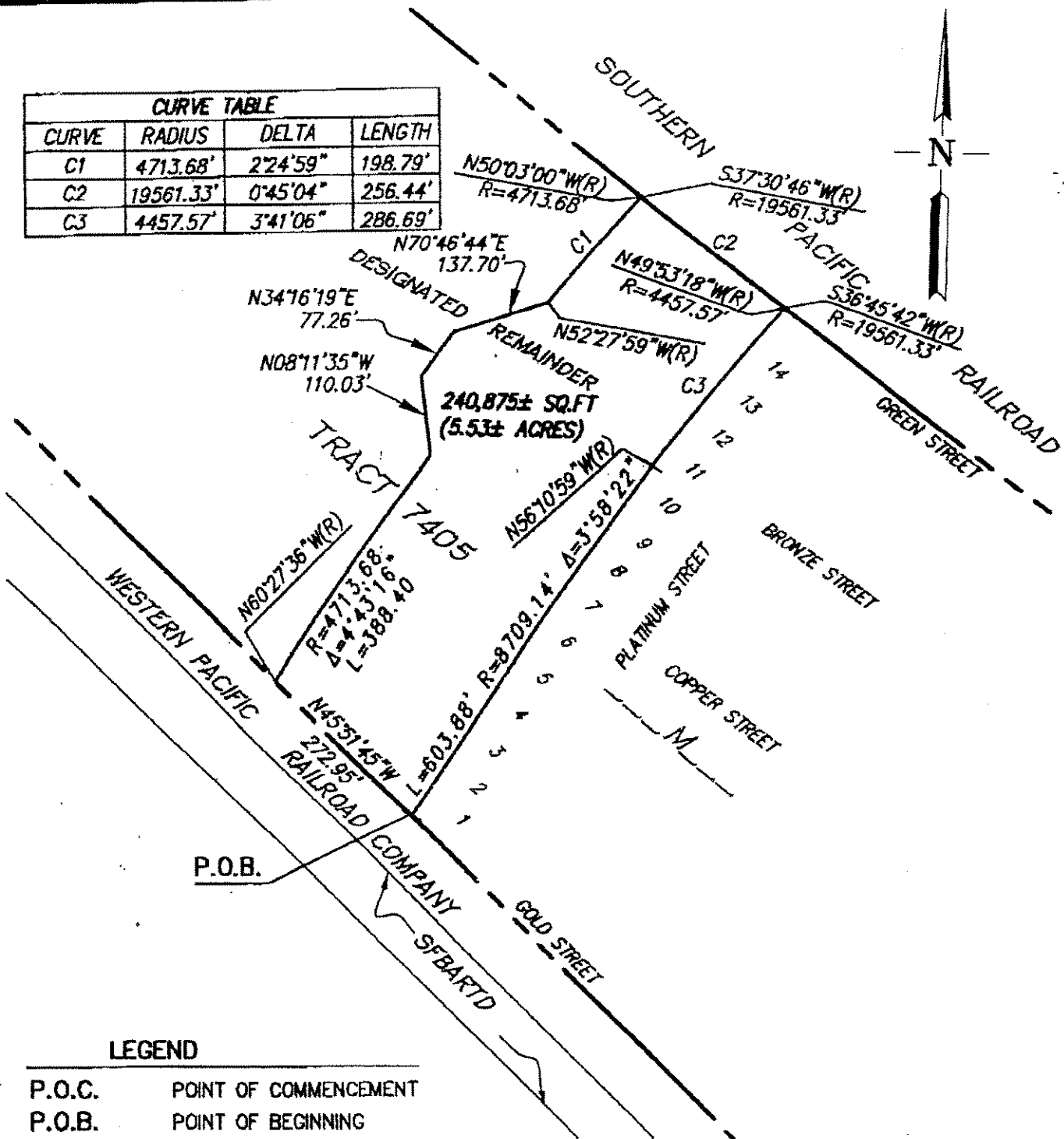
Real property situate in the City of Union City, County of Alameda, State of California, being a portion of that "Designated Remainder" as shown on the map entitled "Tract 7405, Pacific Pointe", filed in the office of the County Recorder of Alameda County on July _____, 2004, in Book 277 of Maps, at Page 27-36 and being more particularly described as follows:

Beginning at the western most corner of Lot 1 as shown on said Tract; thence along the southwestern line of said Tract, North 45°51'45" West, 272.95 feet to a non-tangent curve to the right, which a radial line bears North 60°27'36" West, having a radius of 4713.68 feet and a delta of 04°43'16"; thence leaving last said line and northeasterly along said curve an arc length of 388.40 feet; thence North 08°11'35" West, 110.03 feet; thence North 34°16'19" West, 77.26 feet; thence North 70°46'44" East, 137.70 feet to a non-tangent curve to the right, which a radial line bears North 52°27'59" West, having a radius of 4713.68 feet and a delta of 02°24'59"; thence northeasterly along said curve an arc length of 198.79 feet to the northeastern line of said Tract, said line being also a non-tangent curve to the left, which a radial line bears South 37°30'46" West, having a radius of 19561.33 feet and a delta of 00°45'04"; thence southeasterly along said northeastern line and along said curve an arc length of 256.44 feet to the southeastern line of said "Designated Remainder", said line being also a non-tangent curve to the left, which a radial line bears North 49°53'18" West, having a radius of 4457.57 feet and a delta of 03°41'06"; thence southwesterly along said southeastern line and along said curve an arc length of 286.69 feet to a compound curve, having a radius of 8709.14 feet and a delta of 03°58'22"; thence along said curve an arc length of 603.87 feet to the Point of Beginning.

Containing 240,875± square feet, 5.53± Acres, more or less.

End of Description

CURVE TABLE			
CURVE	RADIUS	DELTA	LENGTH
C1	4713.68'	2°24'59"	198.79'
C2	19561.33'	0°45'04"	256.44'
C3	4457.57'	3°41'06"	286.69'



LEGEND

P.O.C. POINT OF COMMENCEMENT
 P.O.B. POINT OF BEGINNING
 (R) RADIAL
 SQ.FT. SQUARE FEET

ATTACHMENT 2

PLAT TO ACCOMPANY LEGAL DESCRIPTION FOR ROUTE 84 REMEDIATED AREA

CITY OF UNION CITY, ALAMEDA COUNTY, CALIFORNIA

G:\JOB2002\021006\SURVEY\EASEMENTS.dwg
Ruggeri - Jensen - Jazar & Associates
 4880 CHABOT DRIVE, SUITE 200 • PLEASANTON, CA 94588
 PHONE: (925) 227-9100 • FAX: (925) 227-9300

SCALE:
 1"=200'

DATE:
 6-15-04

JOB NO.:
 021006

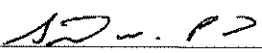
FINAL
GROUNDWATER MONITORING
SAMPLING REPORT
FIRST QUARTER 2007

FORMER PACIFIC STATES STEEL CORPORATION PLANT SITE
UNION CITY, CALIFORNIA


Prepared for:
Pacific States Steel Corporation

April 26, 2007

Submitted by:


Steven W. Pierce
Professional Geologist
No. 6130 (Expires 03-31-08)




Mike Ayala, P.E.
California Registered Civil Engineer
No. C061162 (Expires 06-30-07)



Shaw Environmental, Inc.

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- 2 Site Plan
- 3 Groundwater Elevation Contour Map, March 21, 2007
- 4 Volatile Organic Compounds and Total Petroleum Hydrocarbons in Groundwater, March 2007
- 5 Dissolved Metals in Groundwater, March 2007

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- 2 Summary of Water Level Measurements, March 2007
- 3 Groundwater Analytical Results, Metals
- 4 Groundwater Analytical Results, Volatile Organic Compounds & Total Petroleum Hydrocarbons

Appendices

- A Well Gauging Data and Monitoring Data Sheets
- B Laboratory Analytical Reports and Chain of Custody Forms

1.0 Introduction

This report summarizes groundwater sampling activities performed at the former Pacific States Steel Corporation (PSSC) site in Union City, California during the first quarter of 2007. Well monitoring was performed in accordance with the February 23, 2006, Final Groundwater Monitoring Plan (GWMP) prepared by Shaw Environmental, Inc. (Shaw). The GWMP includes the regulatory requirements to assess potential impacts to groundwater from the completed Waste Consolidation Area (WCA) on the site, and to monitor attenuation of residual groundwater contaminants in areas of concern beyond the WCA at the site. The GWMP was approved by the Department of Toxic Substances Control (DTSC), with concurrence from the Alameda County Water District (ACWD), on March 17, 2006. On November 7, 2006, Shaw received approval from the DTSC to modify the approved GWMP by eliminating metals as an analyte for monitoring well MW-24 and eliminating total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and xylenes (BTEX) as analytes for monitoring well MW-25.

The former PSSC site was located at 1051 Kraftile Road, in Union City, California. Following site remediation, the Buildings Division of Union City issued the new postal address of 35100 11th Street, Union City, California. An updated site location map is presented on Figure 1. The original property was bounded to the northwest by the Alameda County Flood Control District (ACFCD) drainage channel; to the northeast by the Southern Pacific Railroad, the ACFCD Channel and a Pacific Gas and Electric Company parcel; to the southeast by the Fremont-Union City boundary; and to the southwest by the Western Pacific Railroad and the Bay Area Rapid Transit Right-of-Way. A site plan is presented on Figure 2.

2.0 Summary of the First Quarter 2007 Activities

The following is a summary of activities that took place at the site during the first quarter of 2007.

- Water levels were measured in nine wells (MW-19A, MW-19B, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-27) on March 21, 2007. Due to construction activity in the area, Shaw was unable to access MW-26 and, therefore, a water level measurement and a sample was not taken from this well.
- Monitoring wells MW-19B, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, and MW-27 were purged and sampled on March 21, 2007. The samples were analyzed for total petroleum hydrocarbons in the gasoline range (TPH-g), total petroleum hydrocarbons in the diesel range (TPH-d), total petroleum hydrocarbons in the motor oil range (TPH-mo), volatile organic compounds (VOCs), and dissolved metals. Volatile organic compounds analysis consisted of benzene, toluene, ethylbenzene, and total xylenes (BTEX). Dissolved metals analysis included arsenic, cadmium, chromium, copper, nickel, and lead.

3.0 Groundwater Monitoring

Depth to groundwater and total depth of each well were measured on March 21, 2007 by Shaw. The measurements were made from the top of the well casing, to the nearest 0.01 foot, using an electronic water level indicator. The measuring point of each well is surveyed to the common vertical datum (NAVD88) selected for the site, and referred to as mean sea level (MSL). Table 1 is a Summary of Well Construction Details containing the results of Ruggeri, Jensen, Azar and Associates' (RJA's) survey updated on September 15, 2006. A summary of the depth-to-water measurements and the calculated groundwater elevations collected during this sampling event is provided in Table 2.

3.1 Groundwater Elevations and Horizontal Gradient

Illustrated on Figure 3 is the potentiometric surface for the Newark Aquifer at the site based on the March 21, 2006 water level measurements. In the area bounded by wells MW-19B, MW-20 and MW-24 to the southeast of the WCA, the groundwater gradient is to the northwest at a magnitude of 0.001 foot per foot (ft/ft). Within the WCA bounded by wells MW-19B through MW-23 and MW-25 through MW-27, the groundwater gradient is generally to the west-southwest at a magnitude of approximately 0.0002 ft/ft.

3.2 Vertical Gradient

The monitoring well network installed at the site includes one shallow/deep well pair. The well pair MW-19A (completed in the shallow water-bearing zone) and MW-19B (completed in the deeper Newark Aquifer) is used to monitor the vertical gradient at the site. The water level elevations measured on March 21, 2007 were 17.39 feet MSL in well MW-19A and 16.47 feet MSL in well MW-19B. Based on these water levels, the direction of the vertical groundwater gradient between the shallow water-bearing zone and the Newark Aquifer was downward, and the difference in water level elevation was 0.92 feet.

4.0 Groundwater Sampling

Groundwater samples were collected from wells MW-19B, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, and MW-27 on March 21, 2007 by Shaw. No samples were collected from MW-19A due to an insufficient amount of water in the well. MW-26 was located through field survey, however, the well had been temporarily paved over with asphalt and was not accessible for sampling. Samples were collected and analyzed to document the concentrations of contaminants of potential concern (COPCs) in groundwater.

4.1 Sampling and Analysis Methods

The wells were purged and sampled using a 2-inch submersible pump fitted with new polyethylene tubing. Water was removed from each well at a rate between 3 to 5 gallons per minute. During well purging, temperature, pH, and specific conductance readings were measured using a calibrated water quality meter to evaluate whether the collected groundwater samples represented aquifer conditions. Turbidity and oxidation reduction potential were also measured during purging. All water quality parameter values including turbidity values and other relevant information were recorded on the well monitoring data sheets (Appendix A).

The purge water was pumped into labeled drums which were placed within the fenced area of the WCA. The drums will be disposed of offsite at an appropriate facility based on the results of the analysis of the groundwater samples.

Samples were placed in the appropriate laboratory-prepared sample containers, labeled to identify the well number, type of analysis requested, the project, date and time of collection, and the sampling technician. Samples for dissolved metals analysis were filtered in the field using a 0.45 micron filter. A duplicate sample collected from well MW-19B was analyzed as part of the QA/QC program. The samples were placed in an ice-filled insulated container and delivered under chain-of-custody protocol to Severn Trent Laboratories (STL), a California-certified laboratory in Pleasanton, California.

Groundwater samples collected from the eight wells were analyzed for TPH-g, TPH-d, TPH-mo, BTEX, and dissolved metals. TPH-g, TPH-d and TPH-mo were analyzed according to U.S. Environmental Protection Agency (EPA) Method 8015B. Prior to analysis for TPH-d and TPH-mo, samples were prepared using the silica gel cleanup according to EPA Method 3510C. BTEX was analyzed according to EPA Method 8260B. Dissolved metals analysis included arsenic, cadmium, chromium, copper, nickel, and lead. Dissolved metals were analyzed

according to EPA Method 6010B. Laboratory reports and chain-of-custody documents are included in Appendix B.

4.2 Groundwater Analyses Results

Analytical results for dissolved metals are summarized in Table 3 and presented graphically on Figure 5. Analytical results for TPH-g, TPH-d, TPH-mo and BTEX are summarized in Table 4 and presented graphically on Figure 4.

Comparison criteria were selected to assist in the evaluation of trends of COPCs, and make recommendations on corrective measures and modifications to the monitoring program. The State of California maximum contaminant levels (MCLs) were selected for most COPCs. In the case of the dissolved metals copper and lead that do not have MCLs, the State of California action level values set for drinking water were selected. In the case of TPH, a taste and odor value established by ACWD was selected. Comparison criteria are included in Table 3 and Table 4.

4.2.1 Total Petroleum Hydrocarbons and Volatile Organic Compounds

TPH-g, TPH-mo, and BTEX compounds were not detected above the laboratory reporting limits in any of the groundwater samples from the site. TPH-d was detected in wells MW-21, MW-22, and MW-23 at concentrations of 71 mg/L, 51 mg/L, and 50 mg/L, respectively.

Analytical results do not indicate that comparison criteria for organic compounds were exceeded in any of the sampled wells. Reporting limits for TPH-mo (500 ug/L) are greater than the comparison criteria (100 ug/L).

4.2.2 Dissolved Metals

Arsenic, copper, and lead were not detected above laboratory reporting limits in any of the primary groundwater samples from the site. Cadmium was detected above the laboratory reporting limit in wells MW-20, MW-21 and MW-25 at 0.0021 mg/L, 0.0052 mg/L and 0.24 mg/L, respectively. Chromium was detected in wells MW-19B at 0.031 mg/L, MW-20 at 0.062 mg/L, and MW-25 at 0.086 mg/L. Nickel was detected in wells MW-22 at 0.013 mg/L, MW-25 at 0.0055 mg/L, and MW-27 at 0.0057 mg/L.

Cadmium was detected above its comparison criteria in well MW-21 at 0.0052 mg/L and well MW-25 at 0.24 mg/L. Chromium was also detected above its comparison criteria in well MW-25 at 0.086 mg/L. No other dissolved metals were detected above comparison criteria. All

detection limits for non-detect results for dissolved metals are below the respective comparison criteria.

4.3 Data Quality Assessment

A total of eight groundwater samples and one field duplicate (XDUP-1 obtained from well MW-19B) were collected on March 21, 2007. All samples were shipped to Severn Trent Laboratories, Inc. located in Pleasanton, California. All groundwater samples and the duplicate were analyzed for BTEX and gasoline by USEPA Method 8260B, diesel and motor oil by modified USEPA Method 8015D, and dissolved metals by USEPA Method 6010B.

A Level III data review was performed on all analytical results obtained from the first quarter groundwater sampling event. The review was performed in accordance with the guidelines and control criteria specified in the following documents:

- USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, (USEPA, 1999);
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, (USEPA, 2002); and
- USEPA Test Methods for Evaluating Solid Waste, SW-846 Physical/Chemical Methods (1996).

The following quality control (QC) elements were included in the Level III data review:

- Laboratory method blanks;
- Sample holding times;
- Surrogate recoveries for organic analyses;
- Laboratory control sample/laboratory control sample duplicate recoveries (LCS/LCSD);
- Matrix spike/matrix spike duplicate recoveries (MS/MSD);
- Relative percent differences (RPD);
- Field duplicate; and
- Field blanks

A project specific discussion of these QC elements is provided below.

Laboratory Method Blank: All field sample results were evaluated with respect to the laboratory method blank prepared and analyzed for each analytical batch. For the first quarter groundwater sampling event, no target analytes were detected in any laboratory method blank.

Sample Holding Time: Sample holding times were evaluated by comparing the sample collection dates to the sample extraction and analysis dates. Extraction and analysis holding times were reviewed for all samples to determine the validity of analytical results. For the first quarter groundwater sampling event, all samples were extracted and analyzed within their respective holding time requirements.

Surrogate Recovery: Surrogate standards are organic compounds added to field and laboratory QC samples for organic analysis to evaluate matrix effect and method performance on an individual sample basis. Based on the review, surrogates in all groundwater samples were recovered within the laboratory's established control ranges.

Laboratory Control Sample/Laboratory Control Sample Duplicate: The LCS is an aliquot of analyte-free water spiked with target analytes and is prepared with each batch for organic and inorganic analyses. The recovery of target analytes from the LCS analysis is a measurement of method performance in an interference-free sample matrix. The review indicated that LCS/LCSD analyses were performed for every laboratory QC batch. All of the LCS and LCSD recoveries, and RPDs between LCS and LCSD recoveries met the laboratory established control criteria.

Matrix Spike/Matrix Spike Duplicate: The MS and MSD samples are a portion of a field sample spiked with target analytes, and are prepared with each analytical batch for organic and inorganic analyses. The MS/MSD results are used to evaluate any bias introduced to the method due to matrix interference, and to measure accuracy and precision for each analytical batch. For the first quarter groundwater sampling event, sample MW-19B was spiked for diesel analysis. MS and MSD recoveries and RPDs between MS and MSD recoveries met the accuracy and precision requirements. No MS and MSD analyses were performed for BTEX, gasoline and dissolved metals.

Trip Blanks: Trip blanks are prepared by the laboratory and stored along with all groundwater samples for VOC analysis. Samples for VOC analysis are maintained in as few coolers as possible to minimize the number of required trip blanks. For the first quarter groundwater sampling event, one trip blank was shipped with the VOC samples. No target analytes were

detected in the trip blank. The trip blank results showed good sample storage and shipping procedures.

Equipment Blanks: All samples were collected using dedicated sampling equipment; and therefore no equipment blanks were required for the first quarter groundwater sampling event.

Field Duplicate: Field duplicate samples are collected at a minimum rate of 5 percent of the total number of primary samples. Field duplicate samples are evaluated by calculating the RPD between the sample and its duplicate. The RPD is calculated using the following equation.

$$RPD = |(S-D)/[(S+D)/2]| * 100$$

where:

S = sample result
D = duplicate result

Acceptable precision control criteria are established at less than or equal to 35 percent for water samples. The RPD is calculated between pairs of field duplicate samples when both results are reported above the PQL.

For the first quarter groundwater sampling event, one duplicate was collected from monitoring well MW-19B. Chromium was detected at 0.03 mg/L and 0.031 mg/L in the primary sample and the duplicate, respectively. The RPD was 3.2 percent for the analyte and met the precision goal. No other target analytes were found in the duplicate pair. The field duplicate results indicated acceptable sampling and analysis precision.

Based on the above Level III data review, there are no significant, systematic problems identified with the performance of the EPA Method 8260B, EPA Method 8015B and EPA Method 6010B. No data qualification was applied to any analytical results. All data are usable and available for project decisions. Overall, the data are of good technical quality and meet project objectives.

4.3.1 Completeness of Data Set

Groundwater samples were collected from eight of the ten monitoring wells scheduled for sampling during the first quarter 2007 sampling event. MW-19A was not completed due to insufficient water in the casing. MW-26 had been temporarily paved over with asphalt and was

not accessible for sampling. Sampling was conducted according to the scheduled groundwater monitoring program specified in the GWMP (Shaw, 2006). Based on the above Level III data review, there were no significant, systematic problems identified with the performance of the EPA Method 8260B, EPA Method 8015B and EPA Method 6010B. No data quality issues are noted for the first quarter 2007 sampling event. All available data are usable and available for project decisions.

Depth-to-water measurements were obtained from nine of the ten wells scheduled to be monitored during the first quarter of 2007; therefore, the monitoring was 90 percent complete during this reporting period. The water level elevations completed during this reporting period are included in Table 2.

5.0 Outstanding Issues

Outstanding issues following the first quarter 2007 monitoring event consist of:

- On March 21, MW-26 was located through field survey; however, the well had been temporarily paved over with asphalt and was not accessible for sampling.

Prior to the next scheduled sampling event, Shaw will remove the asphalt pavement installed atop well MW-26, assess the condition of the buried well, and install a new traffic-rated well box mounted flush with the finished grade. After this work is complete, the well will be thoroughly redeveloped and sampled in accordance with the GWMP (Shaw, 2006).

- Shaw proposes to reduce the current quarterly sampling frequency to a semi-annual frequency for all remaining site wells.

Four quarterly monitoring events have been completed with consistent analytical results observed throughout the year. Chromium detections in monitoring well MW-25 have fluctuated above and below the comparison criteria in correspondence to the water elevation. Chromium detections were above comparison criteria at water elevations of 16.20 ft (March) and 20.36 ft (June) above MSL and below comparison criteria at 13.34 ft (December) and 14.60 ft (September) above MSL. The reported concentrations of other detected analytes do not appear to be affected by relative water level elevations.

- Shaw recommends the abandonment of well MW-27 and MW-19A.

In accordance with the approved GWMP (Shaw, 2006), a well that is no longer required for monitoring groundwater quality will be recommended for abandonment provided it meets the following criteria:

- The well does not provide information required for perimeter monitoring of the WCA
- The well has not produced elevated sample results for any of its targeted analytes during any of the previous 4 sampling events

MW-27 is situated cross-gradient from the WCA and would not likely provide groundwater samples that would be impacted by a release at the WCA. Furthermore, analytical data from monitoring well MW-27, with the exception of nickel (for which detections are consistently more than one order of magnitude below the comparison criteria) has been consistently non-

detect for target analytes during the previous 4 sampling events. Should monitoring well MW-27 be abandoned, wells MW-21, MW-22, MW-23, and MW-25 will be used for down-gradient perimeter monitoring of the WCA.

MW-19A was screened to span a lens of sand and silt which was believed to contain a shallow water-bearing zone located above the uppermost aquifer, the Newark Aquifer. Its location, along with the deeper well it was paired with (MW-19B), was chosen to monitor the elevated concentrations of TPH remaining in the soil at this location. Following the initial sampling event (June 6, 2006), MW-19A has failed to produce enough water to allow collection of a sample.

6.0 Data Evaluation

This report includes the results for the fourth sampling event (first quarter, 2007) conducted at the site according to the GWMP (Shaw, 2006). Cadmium concentrations in well MW-21 and MW-25 exceeded Maximum Contaminant Limits (MCLs) for drinking water. Chromium concentrations in well MW-25 also exceeded MCLs for drinking water. No other analyte was detected at concentrations exceeding the comparison criteria established for groundwater in the subject site's region.

According to the analytical results from the four sampling events, metals such as arsenic, copper, and zinc, consistently result as non-detect in each of the sampled wells. The volatile organic compounds such as benzene, toluene, ethylbenzene, and xylenes, and all total petroleum hydrocarbons (TPH-g, TPH-mo, TPH-d) consistently report below the comparison criteria as well.

In studying the trends from each well, metals such as cadmium, chromium, and nickel are consistently detected in MW-25. Cadmium was detected above the comparison criteria in all four sampling events for monitoring well MW-25.

7.0 References

Shaw Environmental, Inc., 2006, *Final Groundwater Monitoring Plan, Pacific States Steel Corporation Plant Site, Union City, California*, February.

Shaw Environmental, Inc., 2006, *Final Groundwater Monitoring Well Installation and Sampling Report, Second Quarter 2006, Former Pacific States Steel Corporation Plant Site, Union City, California*, July.

Shaw Environmental, Inc., 2006, *Requested Revisions - Final Groundwater Monitoring Well Installation and Sampling Report, Second Quarter 2006, Former Pacific States Steel Corporation Plant Site, Union City, California*, August 17.

FIGURES

DRAWING NUMBER 120898-A2

APPROVED BY

CHECKED BY

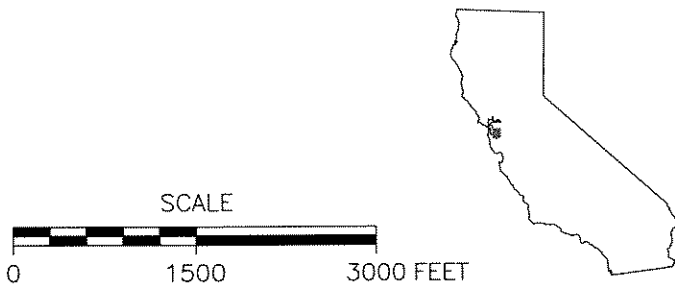
DRAWN BY BU 10-13-06

OFFICE Concord

X-REF

IMAGE

REFERENCE:
TOPO 2001, NATIONAL GEOGRAPHIC HOLDINGS



FORMER SITE LOCATION

PSSC-WCA

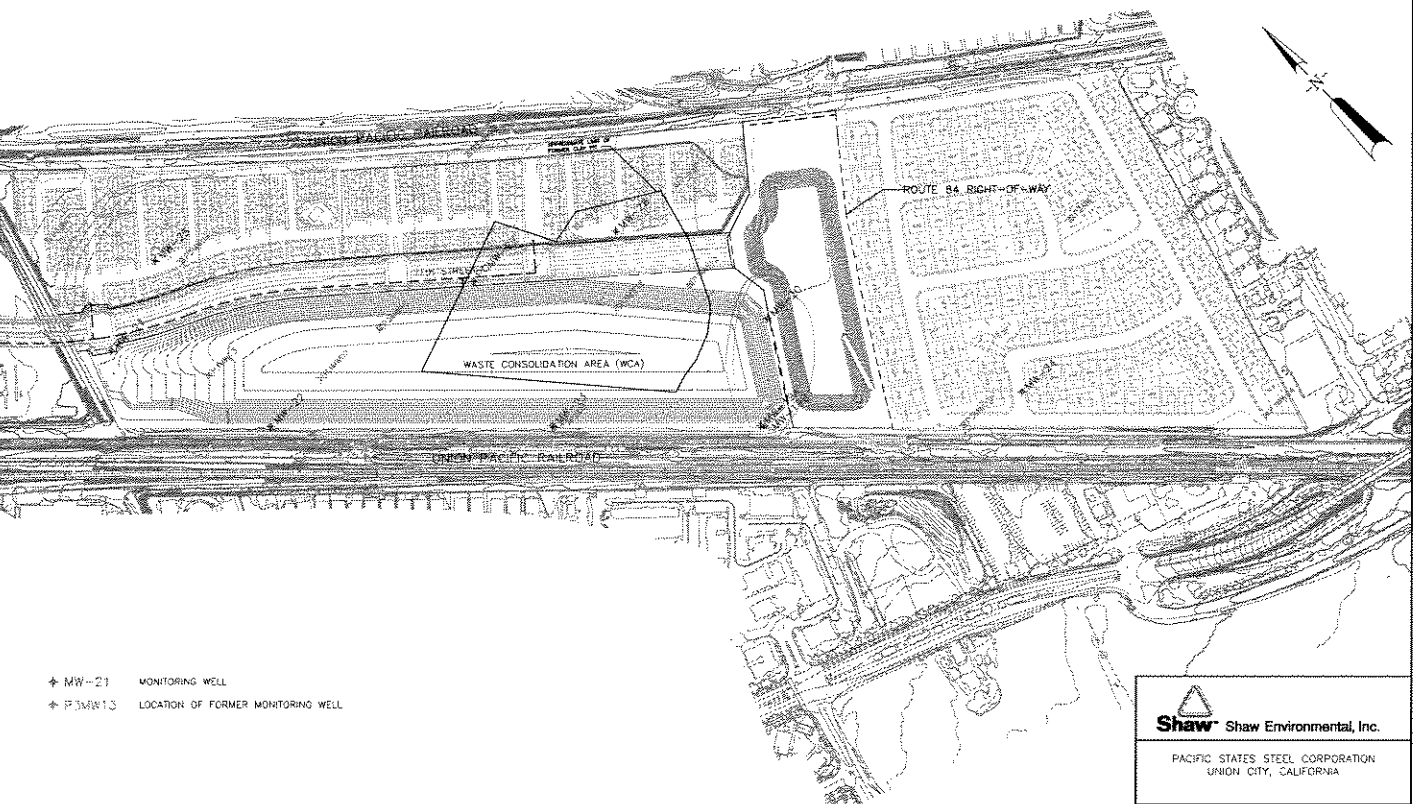
 **Shaw**® Shaw Environmental, Inc.

PACIFIC STATES STEEL CORPORATION
UNION CITY, CALIFORNIA

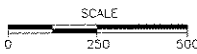
FIGURE 1

SITE LOCATION MAP
35100 11TH STREET
UNION CITY, CALIFORNIA

DRAWING NUMBER: 120898-B3
 APPROVED BY: [Signature]
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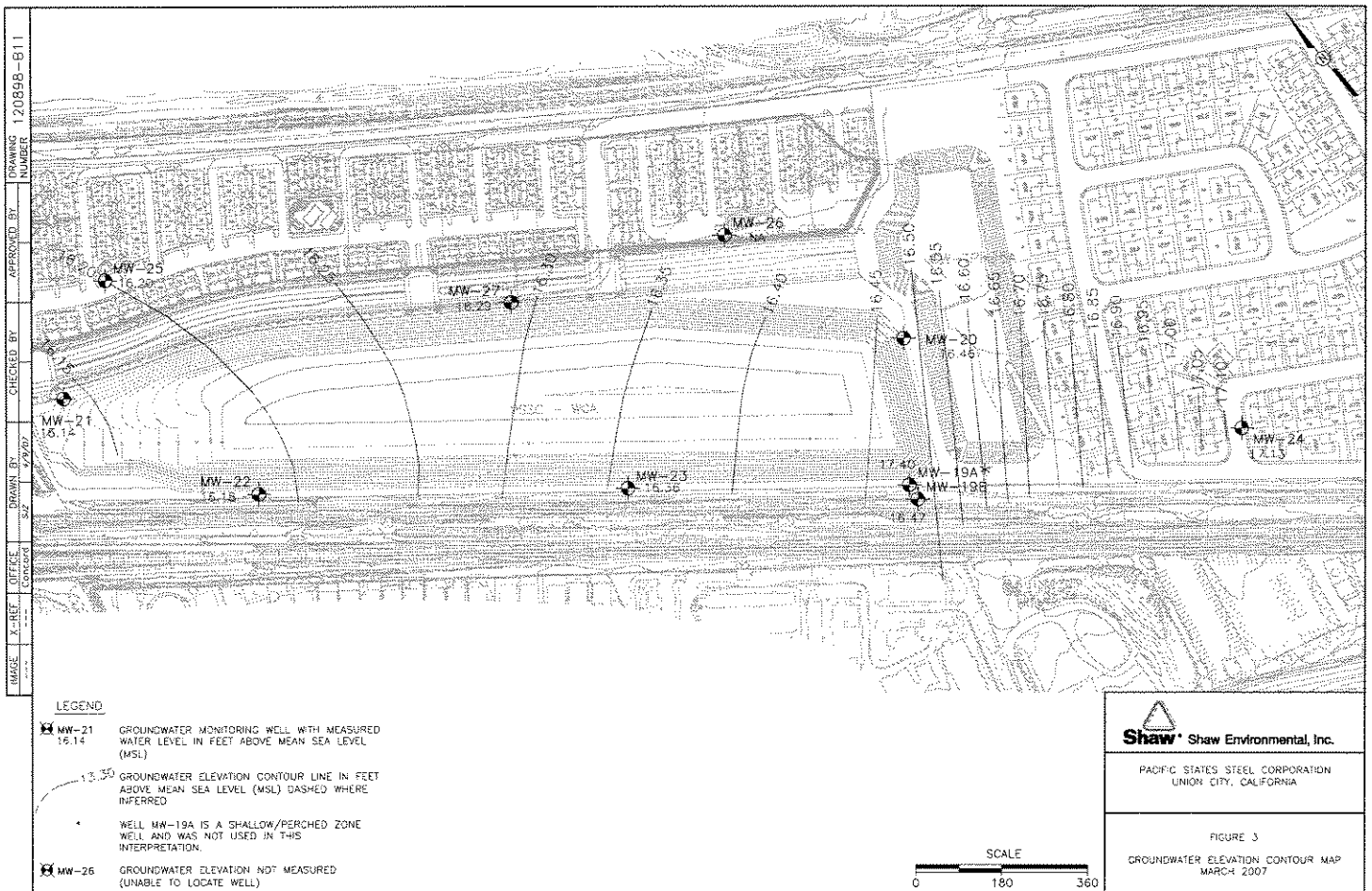


- ✦ MW-21 MONITORING WELL
- ✦ P3MN13 LOCATION OF FORMER MONITORING WELL



Shaw Shaw Environmental, Inc.
 PACIFIC STATES STEEL CORPORATION
 UNION CITY, CALIFORNIA

FIGURE 2
 SITE PLAN



MW-25

ANALYTE	($\mu\text{g/L}$)
TPH-G	NA
TPH-D	NA
TPH-MO	NA
BENZENE	NA
TOLUENE	NA
ETHYLBENZENE	NA
XYLENES	NA

MW-23

ANALYTE	($\mu\text{g/L}$)
TPH-G	<50
TPH-D	50
TPH-MO	<500
BENZENE	<0.50
TOLUENE	<0.50
ETHYLBENZENE	<0.50
XYLENES	<1.0

MW-27

ANALYTE	($\mu\text{g/L}$)
TPH-G	<50
TPH-D	<50
TPH-MO	<500
BENZENE	<0.50
TOLUENE	<0.50
ETHYLBENZENE	<0.50
XYLENES	<1.0

MW-20

ANALYTE	($\mu\text{g/L}$)
TPH-G	<50
TPH-D	<50
TPH-MO	<500
BENZENE	<0.50
TOLUENE	<0.50
ETHYLBENZENE	<0.50
XYLENES	<1.0

MW-24

ANALYTE	($\mu\text{g/L}$)
TPH-G	<50
TPH-D	<50
TPH-MO	<500
BENZENE	<0.50
TOLUENE	<0.50
ETHYLBENZENE	<0.50
XYLENES	<1.0

MW-21

ANALYTE	($\mu\text{g/L}$)
TPH-G	<50
TPH-D	71
TPH-MO	<500
BENZENE	<0.50
TOLUENE	<0.50
ETHYLBENZENE	<0.50
XYLENES	<1.0

MW-22

ANALYTE	($\mu\text{g/L}$)
TPH-G	<50
TPH-D	51
TPH-MO	<500
BENZENE	<0.50
TOLUENE	<0.50
ETHYLBENZENE	<0.50
XYLENES	<1.0

MW-19A
 NS

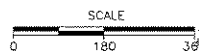
MW-19B/DUPLICATE

ANALYTE	($\mu\text{g/L}$)
TPH-G	<50 / <50
TPH-D	<50 / <50
TPH-MO	<500 / <500
BENZENE	<0.50 / <0.50
TOLUENE	<0.50 / <0.50
ETHYLBENZENE	<0.50 / <0.50
XYLENES	<1.0 / <1.0

LEGEND

- MW-21 GROUNDWATER MONITORING WELL
- $\mu\text{g/L}$ MICROGRAMS PER LITER
- TPH-G TOTAL PETROLEUM HYDROCARBONS IN THE GASOLINE RANGE
- TPH-D TOTAL PETROLEUM HYDROCARBONS IN THE DIESEL RANGE
- TPH-MO TOTAL PETROLEUM HYDROCARBONS IN THE MOTOR OIL RANGE
- <0.005 DENOTES ANALYTE IS NOT DETECTED ABOVE LABORATORY REPORTING LIMIT. THE ASSOCIATED VALUE IS THE REPORTING LIMIT.
- NS NOT SAMPLED
- J RESULT IS LESS THAN THE REPORTING LIMIT BUT GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT AND THE CONCENTRATION IS AN APPROXIMATE VALUE.
- NA NOT ANALYZED

WELLS MW-19B, MW-20, AND MW-23 WERE SAMPLED ON DECEMBER 21, 2006.
 WELLS MW-21, MW-22, MW-24 AND MW-27 WERE SAMPLED ON DECEMBER 22, 2006.

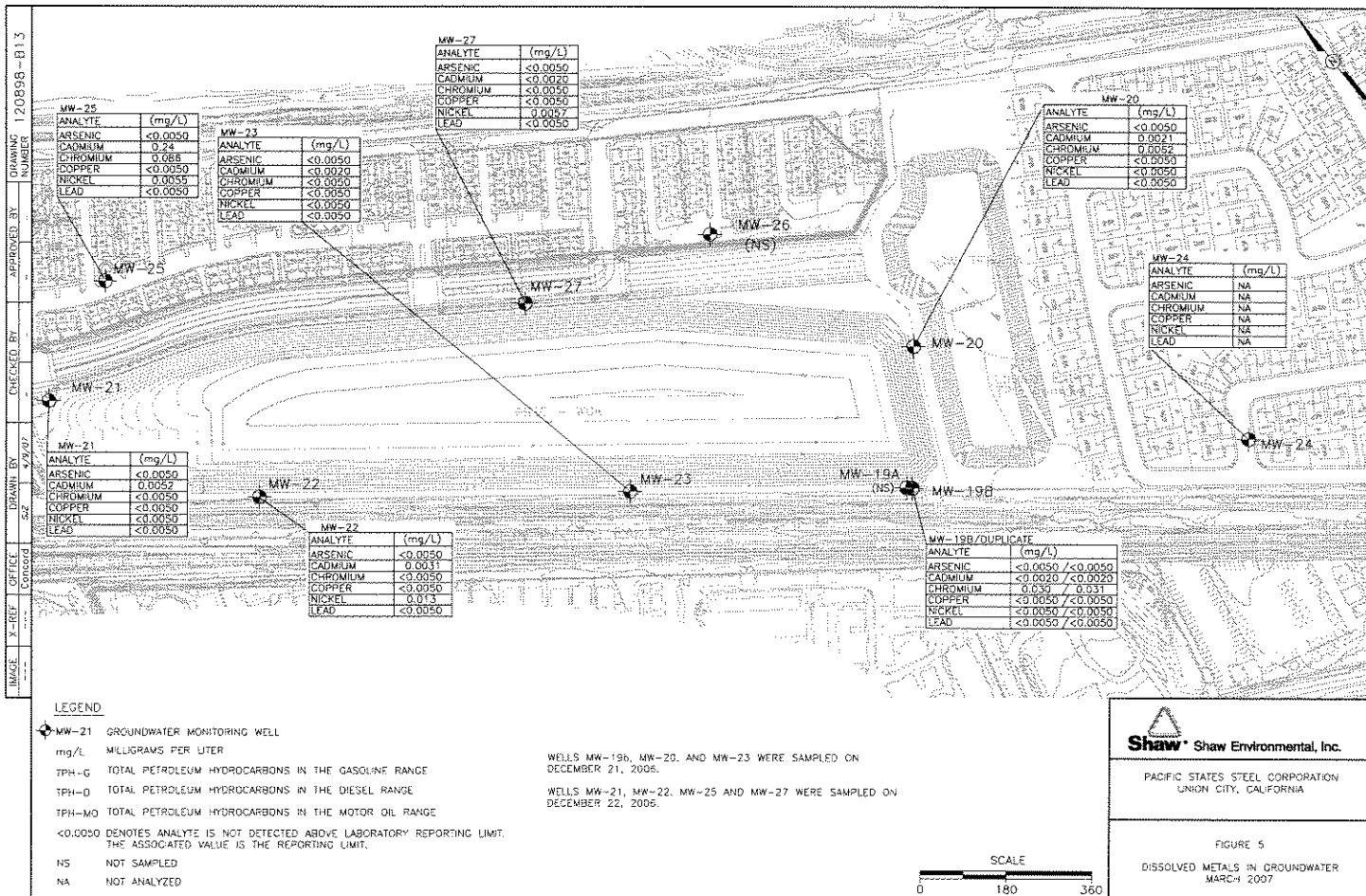


Shaw Shaw Environmental, Inc.

PACIFIC STATES STEEL CORPORATION
 UNION CITY, CALIFORNIA

FIGURE 4
 VOLATILE ORGANIC COMPOUNDS AND TOTAL
 PETROLEUM HYDROCARBONS IN GROUNDWATER
 MARCH 2007

IMAGE 2-REF OBJECT DRAWN BY APPROVED BY DOWNS NUMBER 120898-B13



TABLES

TABLE 1
Updated Summary of Well Construction Details
March 2007
Former Pacific States Steel Corporation Site
35100 11th Street, Union City, California

WELL	Construction Method	Screen Interval (feet bgs)	Well Seal (feet bgs)	Northing	Easting	TOC Elevation (feet MSL)	ACWD Permit No.
MW-19a	8-inch HSA	25 - 35	Bentonite: 21 - 23; Portland Cement Grout: 0 - 21	8978.15	8370.48	50.44	2006 - 118
MW-19b	14-inch HSA (0-40 ft bgs); 8-inch HSA (0-53 ft bgs)	43 - 53	Bentonite: 39 - 41; Portland Cement Grout: 0 - 39	8985.85	8361.54	49.97	2006 - 119
MW-20	8-inch HSA	44 - 54	Bentonite: 40 - 42; Portland Cement Grout: 0 - 40	9196.98	8569.76	46.54	2006 - 120
MW-21	8-inch HSA	57 - 67	Bentonite: 53 - 55; Portland Cement Grout: 0 - 53	7833.40	9769.86	48.96	2006 - 121
MW-22	8-inch HSA	47.5 - 57.5	Bentonite: 43 - 45; Portland Cement Grout: 0 - 43	8006.12	9313.13	48.68	2006 - 122
MW-23	8-inch HSA	57 - 67	Bentonite: 53 - 55; Portland Cement Grout: 0 - 53	8563.13	8772.83	49.39	2006 - 123
MW-24	8-inch HSA	45 - 55	Bentonite: 41 - 43; Portland Cement Grout: 0 - 41	9558.30	7937.28	48.84	2006 - 124
MW-25	8-inch HSA	52 - 62	Bentonite: 48 - 50; Portland Cement Grout: 0 - 48	8094.94	9862.12	46.80	2006 - 125
MW-26	8-inch HSA	52.5 - 62.5	Bentonite: 48.5 - 50.5; Portland Cement Grout: 0 - 48.5	9062.37	9035.09	47.65	2006 - 126
MW-27	7 5/8-inch casing; ARCH	55 - 65	Bentonite: 53.9 - 50; Portland Cement Grout: 0 - 50	8684.71	9207.56	47.34	2006 - 127

HSA = Hollow Stem Auger

ARCH = Air Rotary Casing Hammer

feet bgs = feet below ground surface

ACWD = Alameda County Water District

Northing/Easting surveyed by RJA Associates in NAD 88 coordinates

TOC Elevation = Top of Casing Elevation established using NAVD 88

MSL = Mean Sea Level

Wells constructed with Sch. 40 PVC 0.020-inch slotted casing within the screen interval.

Wells Constructed with Sch. 40 PVC with traffic-rated, flush-mounted well boxes.

Well MW-19b was installed with a 10-inch diameter steel conductor casing placed from 0 to 40 feet bgs.

Table updates include addition of Top of Casing survey data for wells MW-21 and MW-25. Survey completed September 15, 2006 by RJA & Associates.

TABLE 2
Summary of Water Level Measurements
March 2007
Former Pacific States Steel Corporation Site
35100 11th Street, Union City, California

WELL	DATE	MP ELEVATION (feet MSL)	DEPTH TO WATER (feet)	DEPTH TO BOTTOM (feet)	ELEVATION CHANGE (feet)	WATER ELEVATION (feet MSL)
MW-26	9-Jun-06	47.65	27.09	62.18	NA	20.56
	14-Sep-06		33.10	62.38	-6.01	14.55
	21-Dec-06		NA*	NA*	NA*	NA*
	21-Mar-07		NA*	NA*	NA*	NA*
MW-27	9-Jun-06	47.34	28.28	65.00	NA	19.06
	14-Sep-06		32.82	65.50	-4.54	14.52
	22-Dec-06		34.04	65.49	-1.22	13.30
	21-Mar-07		31.05	65.50	2.99	16.29

MP measuring point corresponding to the top of the well casing

NA not available

MSL mean sea level

* Unable to locate well MW-26 due to grading work in the area.

Table 3
Groundwater Analytical Results (Metals)
Former Pacific States Steel Corporation Site
35100 11th Street, Union City, California

Well I.D.	Date Collected	Arsenic		Cadmium		Chromium		Copper		Nickel		Lead	
		(all results reported in milligrams per liter)											
Comparison Criteria		0.05		0.005		0.05		1.3 ²		0.1		0.015 ²	
MW-19A	06/02/06	0.0050	U	0.0020	U	0.028		0.0050	U	0.0050	U	0.0050	U
	09/14/06	-		-		-		-		-		-	
	12/21/06	-		-		-		-		-		-	
	03/21/07	-		-		-		-		-		-	
MW-19B	06/02/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U
	09/14/06	0.0050	U/U	0.0020	U/U	0.019/0.019		0.0050	U/U	0.0050	U/U	0.005/0.0090	U/U
	12/21/06	0.0050	U/U	0.0020	U/U	0.031/0.032		0.0050	U/U	0.0050	U/U	0.0050	U/U
	03/21/07	0.0050	U/U	0.0020	U/U	0.030/0.031		0.0050	U/U	0.0050	U/U	0.0050	U/U
MW-20	06/02/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0087		0.0050	U
	09/14/06	0.0050	U	0.0037		0.0050	U	0.0050	U	0.0074		0.0050	U
	12/21/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0076		0.0050	U
	03/21/07	0.0050	U	0.0021		0.0062		0.0050	U	0.0050	U	0.0050	U
MW-21	06/02/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U
	09/14/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U
	12/21/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U
	03/21/07	0.0050	U	0.0052		0.0050	U	0.0050	U	0.0050	U	0.0050	U
MW-22	06/02/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.012		0.0050	U
	09/14/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.020		0.0050	U
	12/21/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.012		0.0050	U
	03/21/07	0.0050	U	0.0031		0.0050	U	0.0050	U	0.013		0.0050	U
MW-23	06/02/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U
	09/14/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U
	12/21/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0052		0.0050	U
	03/21/07	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U

Table 3
Groundwater Analytical Results (Metals)
Former Pacific States Steel Corporation Site
35100 11th Street, Union City, California

Well I.D.	Date Collected	Arsenic		Cadmium		Chromium		Copper		Nickel		Lead	
		(all results reported in milligrams per liter) (mg/L)											
Comparison Criteria ¹		0.05		0.005		0.05		1.3 ²		0.1		0.015 ²	
MW-24	06/02/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U
	09/14/06	0.0050	U	0.0035		0.018		0.0050	U	0.0066		0.0050	U
	12/21/06	-		-		-		-		-		-	
	03/21/07	-		-		-		-		-		-	
MW-25	06/02/06	0.0050	U/U	0.24/0.24		0.097/0.096		0.0050	U/U	0.0062/0.0062		0.0050	U/U
	09/14/06	0.0050	U	0.31		0.045		0.0050	U	0.0066		0.0050	U
	12/21/06	0.0050	U	0.27		0.031		0.0050	U	0.0063		0.0050	U
	03/21/07	0.0050	U	0.24		0.086		0.0050	U	0.0055		0.0050	U
MW-26	06/02/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0060		0.0050	U
	09/14/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0120		0.0050	U
	12/21/06	-		-		-		-		-		-	
	03/21/07	-		-		-		-		-		-	
MW-27	06/02/06	0.0048	U	0.0048	U	0.0048	U	0.0048	U	0.0048	U	0.0048	U
	09/14/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0074		0.0050	U
	12/21/06	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U
	03/21/07	0.0050	U	0.0020	U	0.0050	U	0.0050	U	0.0057		0.0050	U

Bold denotes the detected concentration exceeds the comparison criteria

mg/L denotes milligram per liter

U denotes that the chemical of potential concern (COPC) was not detected above the laboratory reporting limit. The numerical value shown is the laboratory reporting limit.

¹ Comparison criteria are water quality comparative values selected to perform quantitative and qualitative analysis of groundwater monitoring data. Selected values are the State of California maximum contaminant levels (MCLs) unless otherwise noted.

² Comparative criteria value is the State of California action level set for drinking water

0.019/0.019 denotes primary sample results and duplicate sample results

U/U denotes that the COPC was not detected above the laboratory reporting limit in either the primary or duplicate sample

Table 4
Groundwater Analytical Results
Volatile Organic Compounds (VOCs) and Total Petroleum Hydrocarbons (TPHs)
Former Pacific States Steel Corporation Site
35100 11th Street, Union City, California

Well I.D.	Date Collected	Benzene		Toluene		Ethylbenzene		Xylenes		TPH as Diesel		TPH as Gasoline		TPH as Motor Oil	
		(all results reported in micrograms per liter) µg/L													
Comparison Criteria		1		150		300		1750		100 ³		100 ³		100 ³	
MW-19a	06/02/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	200	U
	09/14/06	-		-		-		-		-		-		-	
	12/21/06	-		-		-		-		-		-		-	
	03/21/07	-		-		-		-		-		-		-	
MW-19b	06/02/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	230	
	09/14/06	0.50	U/U	0.50	U/U	0.50	U/U	1.0	U/U	50	U/U	50	U/U	500	U/U
	12/21/06	0.50	U/U	0.50	U/U	0.50	U/U	1.0	U/U	50	U/U	50	U/U	500	U/U
	03/21/07	0.50	U/U	0.50	U/U	0.50	U/U	1.0	U/U	50	U/U	50	U/U	500	U/U
MW-20	06/02/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	200	U
	09/14/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	12/21/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	03/21/07	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
MW-21	06/02/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	200	U
	09/14/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	12/21/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	03/21/07	0.50	U	0.50	U	0.50	U	1.0	U	71		50	U	500	U
MW-22	06/02/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	200	U
	09/14/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	12/21/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	03/21/07	0.50	U	0.50	U	0.50	U	1.0	U	51		50	U	500	U
MW-23	06/02/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	200	U
	09/14/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	12/21/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	03/21/07	0.50	U	0.50	U	0.50	U	1.0	U	50		50	U	500	U

Table 4
Groundwater Analytical Results
Volatile Organic Compounds (VOCs) and Total Petroleum Hydrocarbons (TPHs)
Former Pacific States Steel Corporation Site
35100 11th Street, Union City, California

Well I.D.	Date Collected	Benzene		Toluene		Ethylbenzene		Xylenes		TPH as Diesel		TPH as Gasoline		TPH as Gasoline	
		(all results reported in micrograms per liter) µg/L													
Comparison Criteria		1		150		300		1750		100 ³		100 ³		100 ³	
MW-24	06/02/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	200	U
	09/14/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	12/21/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	03/21/07	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
MW-25	06/02/06	0.50	U/U	0.50	U/U	0.50	U/U	1.0	U/U	50	U/U	50	U/U	200	U/U
	09/14/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	12/21/06	-		-		-		-		-		-		-	
	03/21/07	-		-		-		-		-		-		-	
MW-26	06/02/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	200	U
	09/14/06	0.50	U	0.50	U	0.50	U	1.0	U	55	U	50	U	240	J
	12/21/06	-		-		-		-		-		-		-	
	03/21/07	-		-		-		-		-		-		-	
MW-27	06/02/06	0.50	U	0.50	U	0.50	U	1.0	U	110	U	50	U	200	U
	09/14/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	12/21/06	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U
	03/21/07	0.50	U	0.50	U	0.50	U	1.0	U	50	U	50	U	500	U

Bold denotes the detected concentration exceeds the comparison criteria

µg/L denotes micrograms per liter

mg/L denotes milligram per liter

U denotes that the chemical of potential concern (COPC) was not detected above the laboratory reporting limit. The numerical value shown is the laboratory reporting limit.

¹ Comparison criteria are water quality comparative values selected to perform quantitative and qualitative analysis of groundwater monitoring data. Selected values are the State of California maximum contaminant levels (MCLs) unless otherwise noted.

² Comparative criteria value is the State of California action level set for drinking water

³ Comparative criteria value is the taste and odor criteria established by the Alameda County Water District

0.019/0.019 denotes primary sample results and duplicate sample results

U/U denotes that the COPC was not detected above the laboratory reporting limit in either the primary or duplicate sample

J Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

APPENDIX A

Well Gauging Data and Monitoring Data Sheets

1st Quarter 2007
WATER LEVEL MEASUREMENTS

Pacific States Steel Corporation Site
Union City, California

WELL NUMBER	DATE	TIME	DEPTH TO WATER (Feet)	TOTAL DEPTH (Feet, bgs)	WELL DIAM. (Inches)	MP ELEVATION (Feet, MSL)	Sampled this Quarter (yes/no)
		<i>TD</i>					
MW-19a		<i>35.18</i>	<i>33.05</i>	35	2	50.44	YES
MW-19b		<i>52.98</i>	<i>33.50</i>	53	2	49.97	YES
MW-20		<i>54.12</i>	<i>30.08</i>	54	2	46.54	YES
MW-21		<i>66.88</i>	<i>32.82</i>	67	2	13.38	YES
MW-22		<i>56.84</i>	<i>32.50</i>	57	2	48.68	YES
MW-23		<i>66.48</i>	<i>33.03</i>	66	2	49.39	YES
MW-24		<i>54.05</i>	<i>31.71</i>	54	2	48.84	YES
MW-25		<i>61.51</i>	<i>30.60</i>	61	2	17.30	YES
MW-26		<i>62.38</i>	<i>NA</i>	62	2	47.65	YES
MW-27		<i>65.50</i>	<i>31.05</i>	65	2	47.34	YES

Notes: MF = Measuring Point
NA = Not Available
MSL = Mean Sea Level
*

NOTES ON CONDITION OF WELLS:

Use this area to note any damage observed to any wells, such as protective boxes, locks, top of casing, bends, breaks, etc.
If wells are in good condition, please note that here, also.

*Total of 5 Drains of Range water
C Site 12/22/06
3/21/07*

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No. 120898 LOCATION: 11415 1/2 DECOTO RD WELL ID #: MW-19A
Union City
 CLIENT/STATION No. Pacific States Steel Corp FIELD TECHNICIAN: Peter E. Roitz

WELL INFORMATION			CASING	GAL/	SAMPLE TYPE
Depth to Liquid:	TOB	TOC	DIAMETER	LINEAR FT.	
Depth to water:	TOB	TOC	<input checked="" type="checkbox"/> 2	0.17	<input type="checkbox"/> Groundwater
Total depth:	TOB	TOC	<input type="checkbox"/> 3	0.38	<input type="checkbox"/> Duplicate
Date:	Time (2400):		<input type="checkbox"/> 4	0.66	<input type="checkbox"/> Extraction well
			<input type="checkbox"/> 4.5	0.83	<input type="checkbox"/> Trip blank
Probe Type	<input type="checkbox"/> Oil/Water interface		<input type="checkbox"/> 5	1.02	<input type="checkbox"/> Field blank
and	<input type="checkbox"/> Electronic indicator		<input type="checkbox"/> 6	1.5	<input type="checkbox"/> Equipment blank
I.D. #	<input type="checkbox"/> Other;		<input type="checkbox"/> 8	2.6	<input type="checkbox"/> Other;

TD 35.18 DTW 3305 = 2.13 Gal/Linear x Foot 17 = 36 Number of x Casings 3 Calculated = Purge 108

DATE PURGED: <u>3-21-07</u>	START: <u>NA</u>	END (2400 hr): <u>—</u>	PURGED BY: <u>PR</u>
DATE SAMPLED: <u>3-21-07</u>	START: <u>NA</u>	END (2400 hr): <u>—</u>	SAMPLED BY: <u>PR</u>

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (° F)	DO	TURBIDITY	ORP
<i>UNABLE to PUMP & SAMPLE</i>							
Pumped dry Yes / No					Cobalt 0-100 Clear Cloudy Yellow Brown	NTU 0-200 Heavy Moderate Light Trace	Strong Moderate Faint None

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D. #	SAMPLING EQUIPMENT/I.D. #
<input type="checkbox"/> Bailer: _____	<input type="checkbox"/> Bailer: _____
<input type="checkbox"/> Centrifugal Pump: _____	<input type="checkbox"/> Dedicated: _____
<input checked="" type="checkbox"/> Other: <u>GRUWFO</u>	<input checked="" type="checkbox"/> Other: <u>CRAB</u>

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
<u>MW19A</u>	<u>3-21-07</u>	<u>NA</u>	<u>3</u>	<u>40ml</u>	<u>VOA</u>	<u>HCL</u>	<u>TPH-G/BTEX</u>
			<u>1</u>	<u>1L</u>	<u>Amk</u>	<u>HCL</u>	<u>TPH-D-NO</u>
			<u>1</u>	<u>250ml</u>	<u>Plast</u>	<u>HNO3</u>	<u>DISSOLVED METALS</u>

REMARKS:

Concrete C well Box
is CRACK

SIGNATURE: _____



Shaw Environmental, Inc.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No. 120898 LOCATION: 11th St & Decoto Rd WELL ID #: MW-19B
Union City
 CLIENT/STATION No. Pacific States Steel Corp FIELD TECHNICIAN: Pedro E. Ruiz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC _____
 Depth to water: _____ TOB _____ TOC _____
 Total depth: _____ TOB _____ TOC _____
 Date: _____ Time (2400): _____

Probe Type ☐ Oil/Water interface _____
 and ☐ Electronic indicator _____
 I.D. # ☐ Other: _____

CASING

DIAMETER

☒ 2 _____ 0.17
☐ 3 _____ 0.38
☐ 4 _____ 0.66
☐ 4.5 _____ 0.83
☐ 5 _____ 1.02
☐ 6 _____ 1.5
☐ 8 _____ 2.6

GAL/

LINEAR FT.

SAMPLE TYPE

☐ Groundwater
☐ Duplicate
☐ Extraction well
☐ Trip blank
☐ Field blank
☐ Equipment blank
☐ Other: _____

TD 52.98 DTW 33.50 19.48 Gal/Linear Foot 1.7 = 3.31 x Number of Casings 3 = Calculated Purge 9.93

DATE PURGED: 3-21-07 START: 13:40 END (2400 hr): _____ PURGED BY: PR
 DATE SAMPLED: 3-21-07 START: 13:55 END (2400 hr): _____ SAMPLED BY: PR

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (° F) °C	DO	TURBIDITY	ORP
13:43	4	6.94	107	18.83	3.21	5.0	145
13:47	8	6.91	104	18.82	2.95	7000	144
13:51	12	6.94	159	18.79	3.21	4500	138

Pumped dry Yes ☒ No ☐

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D.

☐ Bailer: _____ ☐ Airlift Pump: _____
☐ Centrifugal Pump: _____ ☐ Dedicated: _____
☒ Other: GRUFO

SAMPLING EQUIPMENT/I.D.

☐ Bailer: _____
☐ Dedicated: _____
☒ Other: CIRAB

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
<u>MW19B3</u>	<u>2107</u>	<u>13:55</u>	<u>3</u>	<u>40ml</u>	<u>VOA</u>	<u>HCL</u>	<u>TPH-G/BTEX</u>
			<u>2</u>	<u>1L</u>	<u>Ambo</u>	<u>HCL</u>	<u>TPH-D-HO</u>
			<u>1</u>	<u>250ml</u>	<u>Plast</u>	<u>H2O2</u>	<u>DISSOLVED METALS</u>

REMARKS:

Concrete C well Box
is CRACK

SIGNATURE: _____



Shaw Environmental, Inc.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No. 120898 LOCATION: 11415th & Decoto Rd Union City WELL ID #: MW-20
 CLIENT/STATION No. Pacific States Steel Corp FIELD TECHNICIAN: Peeno E. Roiz

WELL INFORMATION			CASING	GAL/	SAMPLE TYPE
Depth to Liquid:	TOB	TOC	DIAMETER	LINEAR FT.	
Depth to water:	TOB	TOC	<input checked="" type="checkbox"/> 2	0.17	<input type="checkbox"/> Groundwater
Total depth:	TOB	TOC	<input type="checkbox"/> 3	0.38	<input type="checkbox"/> Duplicate
Date:	Time (2400):		<input type="checkbox"/> 4	0.66	<input type="checkbox"/> Extraction well
Probe Type	<input type="checkbox"/> Oil/Water interface		<input type="checkbox"/> 4.5	0.83	<input type="checkbox"/> Trip blank
and	<input type="checkbox"/> Electronic indicator		<input type="checkbox"/> 5	1.02	<input type="checkbox"/> Field blank
I.D. #	<input type="checkbox"/> Other;		<input type="checkbox"/> 6	1.5	<input type="checkbox"/> Equipment blank
			<input type="checkbox"/> 8	2.6	<input type="checkbox"/> Other;

TD 54.12 DTW 30.08 24.04 Gal/Linear Foot 1.7 = 4.08 x Number of Casings 3 = Calculated = Purge 12.29

DATE PURGED: 3/21/07 START: 11:40 END (2400 hr): PURGED BY: PR
 DATE SAMPLED: 3/21/07 START: 12:00 END (2400 hr): SAMPLED BY: PR

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F)	DO	TURBIDITY	ORP
11:50	4	7.30	0.70	18.42	4.80	2930	152
11:53	8	7.28	0.781	18.31	3.37	355.0	149
11:57	12	7.29	0.787	18.30	2.95	277.0	143

Pumped dry Yes ☒ No

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: TOB/TOC

PURGING EQUIPMENT/I.D.

☐ Bailer: ☐ Airlift Pump:
☐ Centrifugal Pump: ☐ Dedicated:
☒ Other: GROWFOS

SAMPLING EQUIPMENT/I.D.

☐ Bailer:
☐ Dedicated:
☒ Other: BRAB

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
<u>MW20</u>	<u>3/21/07</u>	<u>12:00</u>	<u>3</u>	<u>40ml</u>	<u>VOA</u>	<u>HCL</u>	<u>TPH-G/Btex</u>
			<u>2</u>	<u>1L</u>	<u>Amk</u>	<u>HCL</u>	<u>TPH-D-Ho</u>
			<u>1</u>	<u>250ml</u>	<u>Phat</u>	<u>H2O3</u>	<u>Dissolved Metals</u>

REMARKS:

Concrete @ Well Box is crack

SIGNATURE: [Signature]



Shaw Environmental, Inc.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No. 120898 LOCATION: 114th St & Decoto Rd WELL ID #: MW-21
Union City
 CLIENT/STATION No. Pacific States Steel Corp FIELD TECHNICIAN: Pedro E. Ruiz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC _____
 Depth to water: _____ TOB _____ TOC _____
 Total depth: _____ TOB _____ TOC _____
 Date: _____ Time (2400): _____

Probe Type ☐ Oil/Water interface _____
 and ☐ Electronic indicator _____
 I.D. # ☐ Other: _____

CASING

DIAMETER

☒ 2 _____ 0.17
☐ 3 _____ 0.38
☐ 4 _____ 0.66
☐ 4.5 _____ 0.83
☐ 5 _____ 1.02
☐ 6 _____ 1.5
☐ 8 _____ 2.6

GAL/

LINEAR FT.

SAMPLE TYPE

☐ Groundwater
☐ Duplicate
☐ Extraction well
☐ Trip blank
☐ Field blank
☐ Equipment blank
☐ Other: _____

TD 3282 DTW 3406 Gal/Linear Foot 1.7 = 5.79 x Number of Casings 3 = Calculated Purge 1737

DATE PURGED: 3-21-07 START: 11:07 END (2400 hr): _____ PURGED BY: PR
 DATE SAMPLED: 3-21-07 START: 11:20 END (2400 hr): _____ SAMPLED BY: PR

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F) °C	DO	TURBIDITY	ORP
<u>11:11</u>	<u>5.75</u>	<u>7.05</u>	<u>109</u>	<u>17.95</u>	<u>6.33</u>	<u>212.0</u>	<u>167</u>
<u>11:15</u>	<u>11.5</u>	<u>7.04</u>	<u>110</u>	<u>17.98</u>	<u>3.56</u>	<u>191.0</u>	<u>163</u>
<u>11:19</u>	<u>17.25</u>	<u>6.98</u>	<u>113</u>	<u>17.97</u>	<u>2.81</u>	<u>193.0</u>	<u>157</u>

Pumped dry Yes ☒ No ☐

Cobalt 0-100
 Clear
 Cloudy
 Yellow
 Brown
 NTU 0-200
 Heavy
 Moderate
 Light
 Trace
 Strong
 Moderate
 Faint
 None

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D.

☐ Bailer: _____ ☐ Airlift Pump: _____
☐ Centrifugal Pump: _____ ☐ Dedicated: _____
☒ Other: GRUPOS

SAMPLING EQUIPMENT/I.D.

☐ Bailer: _____
☐ Dedicated: _____
☒ Other: CIRAB

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
<u>MW21</u>	<u>3/21/07</u>	<u>11:20</u>	<u>3</u>	<u>40ml</u>	<u>Voa</u>	<u>HCL</u>	<u>TPH-G/Btex</u>
			<u>2</u>	<u>1L</u>	<u>Amo</u>	<u>HCL</u>	<u>TPH-O-NO</u>
			<u>1</u>	<u>250ml</u>	<u>Plast</u>	<u>HNO3</u>	<u>Dissolved Metals</u>

REMARKS: _____

SIGNATURE: _____



Shaw Environmental, Inc.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No. 120898 LOCATION: 114th St & Decoto Rd WELL ID #: MW22
Union City
 CLIENT/STATION No. Pacific States Steel Corp FIELD TECHNICIAN: Peter E. Ruiz

WELL INFORMATION			CASING	GAL/	SAMPLE TYPE
Depth to Liquid:	TOB	TOC	DIAMETER	LINEAR FT.	
Depth to water:	TOB	TOC	<input checked="" type="checkbox"/> 2	0.17	<input type="checkbox"/> Groundwater
Total depth:	TOB	TOC	<input type="checkbox"/> 3	0.38	<input type="checkbox"/> Duplicate
Date:	Time (2400):		<input type="checkbox"/> 4	0.66	<input type="checkbox"/> Extraction well
Probe Type	<input type="checkbox"/> Oil/Water interface		<input type="checkbox"/> 4.5	0.83	<input type="checkbox"/> Trip blank
and	<input type="checkbox"/> Electronic indicator		<input type="checkbox"/> 5	1.02	<input type="checkbox"/> Field blank
I.D. #	<input type="checkbox"/> Other;		<input type="checkbox"/> 6	1.5	<input type="checkbox"/> Equipment blank
			<input type="checkbox"/> 8	2.6	<input type="checkbox"/> Other;

TD: 56.8 ft TW 30502434 Gal/Linear Foot 17 4.13 x Casings 3 = Purge 12.4

DATE PURGED: 3-21-07 START: 12:20 END (2400 hr): — PURGED BY: PR
 DATE SAMPLED: 3-21-07 START: 12:40 END (2400 hr): — SAMPLED BY: PR

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F) °C	DO	TURBIDITY	ORP
12:30	9.25	7.05	140	19.32	4.31	5.0	144
12:33	8.5	6.97	150	19.07	3.13	5.0	145
12:37	10.75	6.91	157	19.02	2.80	5.0	145

Pumped dry Yes ☒ No ☐

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: — TOB/TOC —

PURGING EQUIPMENT/I.D. #

☐ Bailer: — ☐ Airlift Pump: —
☐ Centrifugal Pump: — ☐ Dedicated: —
☒ Other: GROWFOS

SAMPLING EQUIPMENT/I.D. #

☐ Bailer: — ☐ Dedicated: —
☒ Other: CIRAB

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
<u>MW22</u>	<u>3/21/07</u>	<u>12:40</u>	<u>3</u>	<u>40ml</u>	<u>VOA</u>	<u>HCL</u>	<u>TPH, C/BTEX</u>
			<u>2</u>	<u>1L</u>	<u>Amo</u>	<u>HCL</u>	<u>TPH, D/LVO</u>
			<u>1</u>	<u>250ml</u>	<u>Plast</u>	<u>HNO3</u>	<u>Dissolved Metals</u>

REMARKS:

SIGNATURE: [Signature]

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No. 120898 LOCATION: 11th St & Decoto Rd WELL ID #: MW-23
Union City
 CLIENT/STATION No. Pacific States Steel Corp FIELD TECHNICIAN: Peter E. Ruiz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC _____
 Depth to water: _____ TOB _____ TOC _____
 Total depth: _____ TOB _____ TOC _____
 Date: _____ Time (2400): _____

Probe Type: ☐ Oil/Water interface _____
 and ☐ Electronic indicator _____
 I.D. # ☐ Other: _____

CASING

DIAMETER

☒ 2
☐ 3
☐ 4
☐ 4.5
☐ 5
☐ 6
☐ 8

GAL/

LINEAR FT.

0.17
 0.38
 0.66
 0.83
 1.02
 1.5
 2.6

SAMPLE TYPE

☐ Groundwater
☐ Duplicate
☐ Extraction well
☐ Trip blank
☐ Field blank
☐ Equipment blank
☐ Other: _____

TD 66.48 DTW 33.03 33.45 Gal/Linear 17 = 5.68 Number of 3 Casings Calculated = Purge 17.05

DATE PURGED: 3-21-07 START: 13:09 END (2400 hr): _____ PURGED BY: PR
 DATE SAMPLED: 3-21-07 START: 13:25 END (2400 hr): _____ SAMPLED BY: PR

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F) °C	DO	TURBIDITY	ORP
<u>13:13</u>	<u>0</u>	<u>7.20</u>	<u>110</u>	<u>18.87</u>	<u>3.88</u>	<u>-5.0</u>	<u>139</u>
<u>13:17</u>	<u>12</u>	<u>7.15</u>	<u>109</u>	<u>18.58</u>	<u>2.90</u>	<u>-5.0</u>	<u>135</u>
<u>13:21</u>	<u>18</u>	<u>7.10</u>	<u>110</u>	<u>18.55</u>	<u>2.90</u>	<u>-5.0</u>	<u>130</u>

Pumped dry Yes ☒ No

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D.

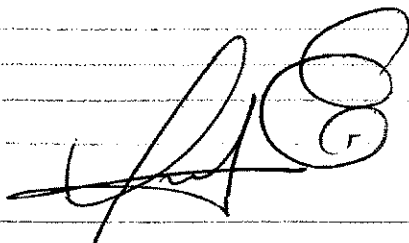
☐ Bailer: _____ ☐ Airlift Pump: _____
☐ Centrifugal Pump: _____ ☐ Dedicated: _____
☒ Other: GRUNFOS

SAMPLING EQUIPMENT/I.D.

☐ Bailer: _____
☐ Dedicated: _____
☒ Other: CIRAB

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
<u>MW23</u>	<u>3-21-07</u>	<u>13:25</u>	<u>3</u>	<u>40ml</u>	<u>VOA</u>	<u>HCL</u>	<u>TPH-G/BTEX</u>
			<u>2</u>	<u>1L</u>	<u>Amlo</u>	<u>HCL</u>	<u>TPH-D-VO</u>
			<u>1</u>	<u>250ml</u>	<u>Plast</u>	<u>H2O2</u>	<u>Dissolved Metals</u>

REMARKS:



SIGNATURE:



Shaw Environmental, Inc.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No. 120898 LOCATION: 114th St & Decoto Rd WELL ID #: MW-24
Union City
 CLIENT/STATION No. Pacific States Steel Corp FIELD TECHNICIAN: Peter E. Roitz

WELL INFORMATION			CASING	GAL/	SAMPLE TYPE
Depth to Liquid:	TOB	TOC	DIAMETER	LINEAR FT.	
Depth to water:	TOB	TOC	<input checked="" type="checkbox"/> 2	0.17	<input type="checkbox"/> Groundwater <input type="checkbox"/> Duplicate <input type="checkbox"/> Extraction well <input type="checkbox"/> Trip blank <input type="checkbox"/> Field blank <input type="checkbox"/> Equipment blank <input type="checkbox"/> Other:
Total depth:	TOB	TOC	<input type="checkbox"/> 3	0.38	
Date:	Time (2400):		<input type="checkbox"/> 4	0.66	
Probe Type	<input type="checkbox"/> Oil/Water interface		<input type="checkbox"/> 4.5	0.83	
and	<input type="checkbox"/> Electronic indicator		<input type="checkbox"/> 5	1.02	
I.D. #	<input type="checkbox"/> Other:		<input type="checkbox"/> 6	1.5	
			<input type="checkbox"/> 8	2.6	

TO 5405 DTW 31.7 / 22.3% Gal/Linear Foot 17 = 379 x Casings 3 = Purge 1139

DATE PURGED: <u>3/21/07</u>	START: <u>9:45</u>	END (2400 hr): <u>—</u>	PURGED BY: <u>PR</u>
DATE SAMPLED: <u>3/21/07</u>	START: <u>10:05</u>	END (2400 hr): <u>—</u>	SAMPLED BY: <u>PR</u>

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F) °C	DO	TURBIDITY	ORP
<u>9:50</u>	<u>4</u>	<u>7.18</u>	<u>130</u>	<u>17.72</u>	<u>4.13</u>	<u>3540</u>	<u>178</u>
<u>9:54</u>	<u>8</u>	<u>7.10</u>	<u>130</u>	<u>17.73</u>	<u>3.70</u>	<u>3990</u>	<u>178</u>
<u>9:58</u>	<u>12</u>	<u>7.12</u>	<u>130</u>	<u>18.01</u>	<u>3.38</u>	<u>4020</u>	<u>178</u>

Pumped dry Yes / ☒ No

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D. # <input type="checkbox"/> Bailer: <input type="checkbox"/> Centrifugal Pump: <input checked="" type="checkbox"/> Other: <u>GRWFO5</u>	SAMPLING EQUIPMENT/I.D. # <input type="checkbox"/> Bailer: <input type="checkbox"/> Dedicated: <input checked="" type="checkbox"/> Other: <u>CRAB</u>
--	--

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
<u>MW24</u>	<u>3/21/07</u>	<u>10:05</u>	<u>3</u>	<u>40ml</u>	<u>VOA</u>	<u>HCL</u>	<u>TPH-G/B/Ex</u>
			<u>2</u>	<u>1L</u>	<u>Amo</u>	<u>HCL</u>	<u>TPH-D-40</u>
			<u>1</u>	<u>250ml</u>	<u>Plast</u>	<u>HOOS</u>	<u>Dissolved</u>
							<u>Metals</u>

REMARKS:

SIGNATURE: _____

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No. 120898 LOCATION: 11415th & Decoto Rd WELL ID #: MW25CLIENT/STATION No. Pacific States Steel Corp FIELD TECHNICIAN: Peter E. Roitz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC _____
Depth to water: _____ TOB _____ TOC _____
Total depth: _____ TOB _____ TOC _____
Date: _____ Time (2400): _____Probe Type ☐ Oil/Water interface _____
and ☐ Electronic indicator _____
I.D. # ☐ Other: _____

CASING

DIAMETER

☒ 2 _____ 0.17
☐ 3 _____ 0.38
☐ 4 _____ 0.66
☐ 4.5 _____ 0.83
☐ 5 _____ 1.02
☐ 6 _____ 1.5
☐ 8 _____ 2.6

GAL/

LINEAR FT.

SAMPLE TYPE

☐ Groundwater
☐ Duplicate
☐ Extraction well
☐ Trip blank
☐ Field blank
☐ Equipment blank
☐ Other: _____TD 61.5 DTW 30.60 30.9 Gal/Linear 1.7 Number of 3 Casings = Purge 15.70DATE PURGED: 3-2-07 START: 10:20 END (2400 hr): _____ PURGED BY: PR
DATE SAMPLED: 3-2-07 START: 10:35 END (2400 hr): _____ SAMPLED BY: PR

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F) °C	DO	TURBIDITY	ORP
<u>10:24</u>	<u>0</u>	<u>7.28</u>	<u>127</u>	<u>178/1</u>	<u>3.42</u>	<u>989.0</u>	<u>160</u>
<u>10:27</u>	<u>12</u>	<u>7.18</u>	<u>120</u>	<u>178/1</u>	<u>3.29</u>	<u>5.0</u>	<u>165</u>
<u>10:31</u>	<u>18</u>	<u>7.08</u>	<u>120</u>	<u>178/1</u>	<u>3.24</u>	<u>5.0</u>	<u>161</u>

Pumped dry Yes ☒ NoCobalt 0-100
Clear
Cloudy
Yellow
BrownNTU 0-200
Heavy
Moderate
Light
TraceStrong
Moderate
Faint
None

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D.

☐ Bailer: _____
☐ Centrifugal Pump: _____
☒ Other: GRWFO5☐ Airlift Pump: _____
☐ Dedicated: _____

SAMPLING EQUIPMENT/I.D.

☐ Bailer: _____
☐ Dedicated: _____
☒ Other: CIRAB

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
<u>MW25</u>	<u>3-2-07</u>	<u>10:35</u>	<u>1</u>	<u>40ml</u>	<u>Voa</u>	<u>HCL</u>	<u>TPH-G/Btex</u>
			<u>1</u>	<u>1L</u>	<u>Amo</u>	<u>HCL</u>	<u>TPH-D-NO</u>
			<u>1</u>	<u>250ml</u>	<u>Plast</u>	<u>#003</u>	<u>Dissolved</u>
							<u>Metals</u>

REMARKS:

SIGNATURE: _____



Shaw Environmental, Inc.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No. 120898 LOCATION: 11th St & Decoto Rd WELL ID #: MW26
Union City
 CLIENT/STATION No. Pacific States Steel Corp FIELD TECHNICIAN: Peter E. Roitz

WELL INFORMATION

Depth to Liquid: TOB TOC
 Depth to water: TOB TOC
 Total depth: TOB TOC
 Date: Time (2400):

Probe Type ☐ Oil/Water interface
 and ☐ Electronic indicator
 I.D. # ☐ Other;

CASING

DIAMETER GAL/
 LINEAR FT.
☒ 2 0.17
☐ 3 0.38
☐ 4 0.66
☐ 4.5 0.83
☐ 5 1.02
☐ 6 1.5
☐ 8 2.6

SAMPLE TYPE

☐ Groundwater
☐ Duplicate
☐ Extraction well
☐ Trip blank
☐ Field blank
☐ Equipment blank
☐ Other;

TD - DTW = Gal/Linear x Foot 17 = Number of x Casings 3 Calculated = Purge

DATE PURGED: 3-21-07 START: NA END (2400 hr): PURGED BY: PR
 DATE SAMPLED: 3-21-07 START: NA END (2400 hr): SAMPLED BY: PR

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (° F)	DO	TURBIDITY	ORP
UNABLE TO FIND/LOCATE WELL							
					Cobalt 0-100 Clear Cloudy Yellow Brown	NTU 0-200 Heavy Moderate Light Trace	Strong Moderate Faint None

Pumped dry Yes / No

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: TOB/TOC

PURGING EQUIPMENT/I.D.

☐ Bailer: ☐ Airlift Pump:
☐ Centrifugal Pump: ☐ Dedicated:
☒ Other: GROWFOS

SAMPLING EQUIPMENT/I.D.

☐ Bailer:
☐ Dedicated:
☒ Other: CIRAB

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
<u>MW26</u>	<u>3-21-07</u>	<u>NA</u>	<u>3</u>	<u>40ml</u>	<u>VOA</u>	<u>HCL</u>	<u>TPH-G/BTEX</u>
			<u>3</u>	<u>1L</u>	<u>Amto</u>	<u>HCL</u>	<u>TPH-D-NO</u>
			<u>3</u>	<u>250ml</u>	<u>Plast</u>	<u>#003</u>	<u>DISSOLVED METALS</u>

REMARKS:

SIGNATURE:



Shaw Environmental, Inc.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No. 120898 LOCATION: 11th St & Decoto Rd WELL ID #: MW-27
Union City

CLIENT/STATION No. Pacific States Steel Corp FIELD TECHNICIAN: Peter E. Roitz

WELL INFORMATION

Depth to Liquid: TOB TOC
 Depth to water: TOB TOC
 Total depth: TOB TOC
 Date: Time (2400):

Probe Type and I.D. # ☐ Oil/Water interface
☐ Electronic indicator
☐ Other:

CASING

DIAMETER

☒ 2
☐ 3
☐ 4
☐ 4.5
☐ 5
☐ 6
☐ 8

GAL/

LINEAR FT.

0.17
0.38
0.66
0.83
1.02
1.5
2.6

SAMPLE TYPE

☐ Groundwater
☐ Duplicate
☐ Extraction well
☐ Trip blank
☐ Field blank
☐ Equipment blank
☐ Other:

TD 65.50 DTW 31.05 34.45 Gal/Linear Foot 1.7 = 585 Number of Casings 3 = Calculated Purge 1756

DATE PURGED: 3/2/07 START: 9:00 END (2400 hr): PURGED BY: PR
 DATE SAMPLED: 3/2/07 START: 9:20 END (2400 hr): SAMPLED BY: PR

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F/°C)	DO	TURBIDITY	ORP
<u>9:05</u>	<u>6</u>	<u>6.85</u>	<u>117</u>	<u>18.52</u>	<u>4.29</u>	<u>387.0</u>	<u>201</u>
<u>9:10</u>	<u>12</u>	<u>7.01</u>	<u>118</u>	<u>18.43</u>	<u>4.49</u>	<u>303.0</u>	<u>195</u>
<u>9:15</u>	<u>18</u>	<u>7.05</u>	<u>118</u>	<u>18.43</u>	<u>4.94</u>	<u>308.0</u>	<u>193</u>

Pumped dry Yes ☒ No ☐

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: TOB/TOC

PURGING EQUIPMENT/I.D.

☐ Bailer: ☐ Airlift Pump:
☐ Centrifugal Pump: ☐ Dedicated:
☒ Other: GRUFO

SAMPLING EQUIPMENT/I.D.

☐ Bailer:
☐ Dedicated:
☒ Other: GRAB

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
<u>MW27</u>	<u>3/2/07</u>	<u>9:20</u>	<u>3</u>	<u>40ml</u>	<u>Voa</u>	<u>HCL</u>	<u>TPH-G/BTEX</u>
			<u>2</u>	<u>1L</u>	<u>Amlo</u>	<u>HCL</u>	<u>TPH-D-40</u>
			<u>1</u>	<u>250ml</u>	<u>Plast</u>	<u>#003</u>	<u>Dissolved Metals</u>

REMARKS:

SIGNATURE:



Shaw Environmental, Inc.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No. 120898 LOCATION: 11th St & Decoto Rd WELL ID: X Dup-1
Union City
 CLIENT/STATION No. Pacific States Steel Corp FIELD TECHNICIAN: Peter E. Ruiz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC _____
 Depth to water: _____ TOB _____ TOC _____
 Total depth: _____ TOB _____ TOC _____
 Date: _____ Time (2400): _____

Probe Type and I.D. #
☐ Oil/Water interface
☐ Electronic indicator
☐ Other: _____

CASING

DIAMETER

☒ 2
☐ 3
☐ 4
☐ 4.5
☐ 5
☐ 6
☐ 8

GAL/ LINEAR FT.

0.17
 0.38
 0.66
 0.83
 1.02
 1.5
 2.6

SAMPLE TYPE

☐ Groundwater
☒ Duplicate
☐ Extraction well
☐ Trip blank
☐ Field blank
☐ Equipment blank
☐ Other: _____

TD _____ - DTW _____ = _____ Gal/Linear x Foot 17 = _____ Number of x Casings 3 = Calculated = Purge

DATE PURGED: 3-07 START: _____ END (2400 hr): _____ PURGED BY: PR
 DATE SAMPLED: 3/21/07 START: NA END (2400 hr): _____ SAMPLED BY: PR

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F)	DO	TURBIDITY	ORP
SEE DATA FOR MW19B							
Pumped dry Yes / <u>No</u>							

Pumped dry Yes / No

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D.

☐ Bailer: _____ ☐ Airlift Pump: _____
☐ Centrifugal Pump: _____ ☐ Dedicated: _____
☒ Other: GRUPOS

SAMPLING EQUIPMENT/I.D.

☐ Bailer: _____
☐ Dedicated: _____
☒ Other: CRAB

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
<u>X Dup-1</u>	<u>3/21/07</u>	<u>NA</u>	<u>3</u>	<u>40ml</u>	<u>VOA</u>	<u>HCL</u>	<u>TPH-G/B/EX</u>
			<u>2</u>	<u>1L</u>	<u>Amlo</u>	<u>HCL</u>	<u>TPH-D/HO</u>
			<u>1</u>	<u>250ml</u>	<u>Plast</u>	<u>H2O3</u>	<u>DISSOLVED METALS</u>

REMARKS: _____

SIGNATURE: _____



Shaw Environmental, Inc.

APPENDIX B

Laboratory Reports and Chain-of-Custody Records



STL

ANALYTICAL REPORT

Job Number: 720-8338-1

Job Description: Pacific States Steel

For:
Shaw Environmental & Infrastructure, Inc
4005 Port Chicago Highway
Concord, CA 94520-1120

Attention: Mr. Mike Ayala

A handwritten signature in cursive script that reads "Melissa Brewer".

Melissa Brewer
Project Manager I
mbrewer@stl-inc.com
03/30/2007

Project Manager: Melissa Brewer

Severn Trent Laboratories, Inc.

STL San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
Tel (925) 484-1919 Fax (925) 484-1096 www.stl-inc.com

EXECUTIVE SUMMARY - Detections

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-8338-1 <i>Dissolved</i> Chromium	MW-19B	0.030	0.0050	mg/L	6010B
720-8338-2 <i>Dissolved</i> Cadmium Chromium	MW-20	0.0021 0.0062	0.0020 0.0050	mg/L mg/L	6010B 6010B
720-8338-3 <i>Silica Gel Cleanup</i> Diesel Range Organics [C10-C28] <i>Dissolved</i> Cadmium	MW-21	71 0.0052	50 0.0020	ug/L mg/L	8015B 6010B
720-8338-4 <i>Silica Gel Cleanup</i> Diesel Range Organics [C10-C28] <i>Dissolved</i> Cadmium Nickel	MW-22	51 0.0031 0.013	50 0.0020 0.0050	ug/L mg/L mg/L	8015B 6010B 6010B
720-8338-5 <i>Silica Gel Cleanup</i> Diesel Range Organics [C10-C28]	MW-23	50	50	ug/L	8015B
720-8338-7 <i>Dissolved</i> Cadmium Chromium Nickel	MW-25	0.24 0.086 0.0055	0.0020 0.0050 0.0050	mg/L mg/L mg/L	6010B 6010B 6010B
720-8338-8 <i>Dissolved</i> Nickel	MW-27	0.0057	0.0050	mg/L	6010B

STL San Francisco

EXECUTIVE SUMMARY - Detections

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-8338-9 <i>Dissolved</i> Chromium	XDUP-1	0.031	0.0050	mg/L	6010B

METHOD SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SF	SW846 8260B	
Purge-and-Trap	STL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL SF		SW846 3510C SGC
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL SF	SW846 6010B	
Acid Digestion of Waters for Total Recoverable or	STL SF		SW846 3005A
Sample Filtration performed in the Field	STL SF		FIELD_FLTRD

LAB REFERENCES:

STL SF = STL San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-8338-1	MW-19B	Water	03/21/2007 1355	03/22/2007 1500
720-8338-2	MW-20	Water	03/21/2007 1200	03/22/2007 1500
720-8338-3	MW-21	Water	03/21/2007 1120	03/22/2007 1500
720-8338-4	MW-22	Water	03/21/2007 1240	03/22/2007 1500
720-8338-5	MW-23	Water	03/21/2007 1325	03/22/2007 1500
720-8338-6	MW-24	Water	03/21/2007 1005	03/22/2007 1500
720-8338-7	MW-25	Water	03/21/2007 1035	03/22/2007 1500
720-8338-8	MW-27	Water	03/21/2007 0920	03/22/2007 1500
720-8338-9	XDUP-1	Water	03/21/2007 0000	03/22/2007 1500
720-8338-10TB	TB-1	Water	03/21/2007 0000	03/22/2007 1500

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-19B

Lab Sample ID: 720-8338-1

Client Matrix: Water

Date Sampled: 03/21/2007 1355

Date Received: 03/22/2007 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-19743

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200703\03

Dilution: 1.0

Initial Weight/Volume: 40 mL

Date Analyzed: 03/26/2007 1320

Final Weight/Volume: 40 mL

Date Prepared: 03/26/2007 1320

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	95		77 - 121
1,2-Dichloroethane-d4 (Surr)	92		73 - 130

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-20

Lab Sample ID: 720-8338-2

Client Matrix: Water

Date Sampled: 03/21/2007 1200

Date Received: 03/22/2007 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-19743

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200703\03

Dilution: 1.0

Initial Weight/Volume: 40 mL

Date Analyzed: 03/26/2007 1346

Final Weight/Volume: 40 mL

Date Prepared: 03/26/2007 1346

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	93		77 - 121
1,2-Dichloroethane-d4 (Surr)	91		73 - 130

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-21

Lab Sample ID: 720-8338-3

Client Matrix: Water

Date Sampled: 03/21/2007 1120

Date Received: 03/22/2007 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-19743

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200703\03

Dilution: 1.0

Initial Weight/Volume: 40 mL

Date Analyzed: 03/26/2007 1413

Final Weight/Volume: 40 mL

Date Prepared: 03/26/2007 1413

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	94		77 - 121
1,2-Dichloroethane-d4 (Surr)	86		73 - 130

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-22

Lab Sample ID: 720-8338-4

Client Matrix: Water

Date Sampled: 03/21/2007 1240

Date Received: 03/22/2007 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-19743

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200703\03

Dilution: 1.0

Initial Weight/Volume: 40 mL

Date Analyzed: 03/26/2007 1440

Final Weight/Volume: 40 mL

Date Prepared: 03/26/2007 1440

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	95		77 - 121
1,2-Dichloroethane-d4 (Surr)	87		73 - 130

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-23

Lab Sample ID: 720-8338-5

Client Matrix: Water

Date Sampled: 03/21/2007 1325

Date Received: 03/22/2007 1500

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	720-19743	Instrument ID:	Saturn 3900B
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200703\03
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	03/26/2007 1507			Final Weight/Volume:	40 mL
Date Prepared:	03/26/2007 1507				

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	96		77 - 121
1,2-Dichloroethane-d4 (Surr)	91		73 - 130

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-24

Lab Sample ID: 720-8338-6

Client Matrix: Water

Date Sampled: 03/21/2007 1005

Date Received: 03/22/2007 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-19743

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200703\03

Dilution: 1.0

Initial Weight/Volume: 40 mL

Date Analyzed: 03/26/2007 1534

Final Weight/Volume: 40 mL

Date Prepared: 03/26/2007 1534

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	95		77 - 121
1,2-Dichloroethane-d4 (Surr)	88		73 - 130

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-27

Lab Sample ID: 720-8338-8

Client Matrix: Water

Date Sampled: 03/21/2007 0920

Date Received: 03/22/2007 1500

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	720-19743	Instrument ID:	Saturn 3900B
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200703\03
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	03/26/2007 1815			Final Weight/Volume:	40 mL
Date Prepared:	03/26/2007 1815				

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	96		77 - 121
1,2-Dichloroethane-d4 (Surr)	87		73 - 130

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: XDUP-1

Lab Sample ID: 720-8338-9

Client Matrix: Water

Date Sampled: 03/21/2007 0000

Date Received: 03/22/2007 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-19743

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200703\03

Dilution: 1.0

Initial Weight/Volume: 40 mL

Date Analyzed: 03/26/2007 1842

Final Weight/Volume: 40 mL

Date Prepared: 03/26/2007 1842

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	96		77 - 121
1,2-Dichloroethane-d4 (Surr)	91		73 - 130

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: TB-1

Lab Sample ID: 720-8338-10TB

Client Matrix: Water

Date Sampled: 03/21/2007 0000

Date Received: 03/22/2007 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-19743

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200703\03

Dilution: 1.0

Initial Weight/Volume: 40 mL

Date Analyzed: 03/26/2007 1253

Final Weight/Volume: 40 mL

Date Prepared: 03/26/2007 1253

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	98		77 - 121
1,2-Dichloroethane-d4 (Surr)	85		73 - 130

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-19B

Lab Sample ID: 720-8338-1

Client Matrix: Water

Date Sampled: 03/21/2007 1355

Date Received: 03/22/2007 1500

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-19742	Instrument ID:	HP DRO5
Preparation:	3510C SGC	Prep Batch:	720-19623	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	250 mL
Date Analyzed:	03/30/2007 1357			Final Weight/Volume:	1 mL
Date Prepared:	03/23/2007 1225			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500
Surrogate	%Rec		Acceptance Limits
o-Terphenyl	83		50 - 130
Capric Acid (Surr)	0		0 - 5

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-20

Lab Sample ID: 720-8338-2

Date Sampled: 03/21/2007 1200

Client Matrix: Water

Date Received: 03/22/2007 1500

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-19742	Instrument ID:	HP DRO5
Preparation:	3510C SGC	Prep Batch: 720-19623	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	250 mL
Date Analyzed:	03/30/2007 1424		Final Weight/Volume:	1 mL
Date Prepared:	03/23/2007 1225		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500
Surrogate	%Rec		Acceptance Limits
o-Terphenyl	74		50 - 130
Capric Acid (Surr)	0		0 - 5

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-21

Lab Sample ID: 720-8338-3

Date Sampled: 03/21/2007 1120

Client Matrix: Water

Date Received: 03/22/2007 1500

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-19742	Instrument ID:	HP DRO5
Preparation:	3510C SGC	Prep Batch: 720-19623	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	250 mL
Date Analyzed:	03/30/2007 1424		Final Weight/Volume:	1 mL
Date Prepared:	03/23/2007 1225		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	71		50
Motor Oil Range Organics [C24-C36]	ND		500
Surrogate	%Rec		Acceptance Limits
o-Terphenyl	75		50 - 130
Capric Acid (Surr)	0		0 - 5

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-22

Lab Sample ID: 720-8338-4

Client Matrix: Water

Date Sampled: 03/21/2007 1240

Date Received: 03/22/2007 1500

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-19742	Instrument ID:	HP DRO5
Preparation:	3510C SGC	Prep Batch: 720-19623	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	250 mL
Date Analyzed:	03/29/2007 2143		Final Weight/Volume:	1 mL
Date Prepared:	03/23/2007 1225		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	51		50
Motor Oil Range Organics [C24-C36]	ND		500
Surrogate	%Rec		Acceptance Limits
o-Terphenyl	74		50 - 130
Capric Acid (Surr)	0		0 - 5

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-23

Lab Sample ID: 720-8338-5

Client Matrix: Water

Date Sampled: 03/21/2007 1325

Date Received: 03/22/2007 1500

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-19742	Instrument ID:	HP DRO5
Preparation:	3510C SGC	Prep Batch:	720-19623	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	250 mL
Date Analyzed:	03/29/2007 2210			Final Weight/Volume:	1 mL
Date Prepared:	03/23/2007 1225			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	50		50
Motor Oil Range Organics [C24-C36]	ND		500
Surrogate	%Rec		Acceptance Limits
o-Terphenyl	73		50 - 130
Capric Acid (Surr)	0		0 - 5

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-24

Lab Sample ID: 720-8338-6

Client Matrix: Water

Date Sampled: 03/21/2007 1005

Date Received: 03/22/2007 1500

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-19742	Instrument ID:	HP DRO5
Preparation:	3510C SGC	Prep Batch:	720-19623	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	250 mL
Date Analyzed:	03/29/2007 1431			Final Weight/Volume:	1 mL
Date Prepared:	03/23/2007 1225			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500
Surrogate	%Rec		Acceptance Limits
o-Terphenyl	75		50 - 130
Capric Acid (Surr)	0		0 - 5

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-27

Lab Sample ID: 720-8338-8

Client Matrix: Water

Date Sampled: 03/21/2007 0920

Date Received: 03/22/2007 1500

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-19742	Instrument ID:	HP DRO5
Preparation:	3510C SGC	Prep Batch:	720-19623	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	250 mL
Date Analyzed:	03/29/2007 1458			Final Weight/Volume:	1 mL
Date Prepared:	03/23/2007 1225			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500
Surrogate	%Rec		Acceptance Limits
o-Terphenyl	84		50 - 130
Capric Acid (Surr)	0		0 - 5

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: XDUP-1

Lab Sample ID: 720-8338-9

Client Matrix: Water

Date Sampled: 03/21/2007 0000

Date Received: 03/22/2007 1500

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-19742	Instrument ID:	HP DRO5
Preparation:	3510C SGC	Prep Batch:	720-19623	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	250 mL
Date Analyzed:	03/29/2007 1525			Final Weight/Volume:	1 mL
Date Prepared:	03/23/2007 1225			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500
Surrogate	%Rec		Acceptance Limits
o-Terphenyl	82		50 - 130
Capric Acid (Surr)	0		0 - 5

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-19B

Lab Sample ID: 720-8338-1

Date Sampled: 03/21/2007 1355

Client Matrix: Water

Date Received: 03/22/2007 1500

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch:	720-19748	Instrument ID:	Varian ICP
Preparation:	3005A	Prep Batch:	720-19714	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	03/27/2007 0813			Final Weight/Volume:	42.8 mL
Date Prepared:	03/26/2007 1442				

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	ND		0.0050
Cadmium	ND		0.0020
Chromium	0.030		0.0050
Copper	ND		0.0050
Nickel	ND		0.0050
Lead	ND		0.0050

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-20

Lab Sample ID: 720-8338-2

Date Sampled: 03/21/2007 1200

Client Matrix: Water

Date Received: 03/22/2007 1500

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch: 720-19748	Instrument ID:	Varian ICP
Preparation:	3005A	Prep Batch: 720-19714	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	40 mL
Date Analyzed:	03/27/2007 0817		Final Weight/Volume:	42.8 mL
Date Prepared:	03/26/2007 1442			

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	ND		0.0050
Cadmium	0.0021		0.0020
Chromium	0.0062		0.0050
Copper	ND		0.0050
Nickel	ND		0.0050
Lead	ND		0.0050

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-21

Lab Sample ID: 720-8338-3
Client Matrix: Water

Date Sampled: 03/21/2007 1120
Date Received: 03/22/2007 1500

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch:	720-19748	Instrument ID:	Varian ICP
Preparation:	3005A	Prep Batch:	720-19714	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	03/27/2007 0820			Final Weight/Volume:	42.8 mL
Date Prepared:	03/26/2007 1442				

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	ND		0.0050
Cadmium	0.0052		0.0020
Chromium	ND		0.0050
Copper	ND		0.0050
Nickel	ND		0.0050
Lead	ND		0.0050

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-22

Lab Sample ID: 720-8338-4
Client Matrix: Water

Date Sampled: 03/21/2007 1240
Date Received: 03/22/2007 1500

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch:	720-19748	Instrument ID:	Varian ICP
Preparation:	3005A	Prep Batch:	720-19714	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	03/27/2007 0824			Final Weight/Volume:	42.8 mL
Date Prepared:	03/26/2007 1442				

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	ND		0.0050
Cadmium	0.0031		0.0020
Chromium	ND		0.0050
Copper	ND		0.0050
Nickel	0.013		0.0050
Lead	ND		0.0050

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-23

Lab Sample ID: 720-8338-5

Date Sampled: 03/21/2007 1325

Client Matrix: Water

Date Received: 03/22/2007 1500

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B

Analysis Batch: 720-19748

Instrument ID: Varian ICP

Preparation: 3005A

Prep Batch: 720-19714

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 40 mL

Date Analyzed: 03/27/2007 0828

Final Weight/Volume: 42.8 mL

Date Prepared: 03/26/2007 1442

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	ND		0.0050
Cadmium	ND		0.0020
Chromium	ND		0.0050
Copper	ND		0.0050
Nickel	ND		0.0050
Lead	ND		0.0050

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-25

Lab Sample ID: 720-8338-7
Client Matrix: Water

Date Sampled: 03/21/2007 1035
Date Received: 03/22/2007 1500

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch:	720-19748	Instrument ID:	Varian ICP
Preparation:	3005A	Prep Batch:	720-19714	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	03/27/2007 0832			Final Weight/Volume:	42.8 mL
Date Prepared:	03/26/2007 1442				

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	ND		0.0050
Cadmium	0.24		0.0020
Chromium	0.086		0.0050
Copper	ND		0.0050
Nickel	0.0055		0.0050
Lead	ND		0.0050

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: MW-27

Lab Sample ID: 720-8338-8

Date Sampled: 03/21/2007 0920

Client Matrix: Water

Date Received: 03/22/2007 1500

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch:	720-19748	Instrument ID:	Varian ICP
Preparation:	3005A	Prep Batch:	720-19714	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	03/27/2007 0835			Final Weight/Volume:	42.8 mL
Date Prepared:	03/26/2007 1442				

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	ND		0.0050
Cadmium	ND		0.0020
Chromium	ND		0.0050
Copper	ND		0.0050
Nickel	0.0057		0.0050
Lead	ND		0.0050

Analytical Data

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Client Sample ID: XDUP-1

Lab Sample ID: 720-8338-9

Date Sampled: 03/21/2007 0000

Client Matrix: Water

Date Received: 03/22/2007 1500

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B

Analysis Batch: 720-19748

Instrument ID: Varian ICP

Preparation: 3005A

Prep Batch: 720-19714

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 40 mL

Date Analyzed: 03/27/2007 0839

Final Weight/Volume: 42.8 mL

Date Prepared: 03/26/2007 1442

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	ND		0.0050
Cadmium	ND		0.0020
Chromium	0.031		0.0050
Copper	ND		0.0050
Nickel	ND		0.0050
Lead	ND		0.0050

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-19743					
LCS 720-19743/5	Lab Control Spike	T	Water	8260B	
LCSD 720-19743/4	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-19743/6	Method Blank	T	Water	8260B	
720-8338-1	MW-19B	T	Water	8260B	
720-8338-2	MW-20	T	Water	8260B	
720-8338-3	MW-21	T	Water	8260B	
720-8338-4	MW-22	T	Water	8260B	
720-8338-5	MW-23	T	Water	8260B	
720-8338-6	MW-24	T	Water	8260B	
720-8338-8	MW-27	T	Water	8260B	
720-8338-9	XDUP-1	T	Water	8260B	
720-8338-10TB	TB-1	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-19623					
LCS 720-19623/2-AA	Lab Control Spike	A	Water	3510C SGC	
LCSD 720-19623/3-AA	Lab Control Spike Duplicate	A	Water	3510C SGC	
MB 720-19623/1-AA	Method Blank	A	Water	3510C SGC	
720-8338-1	MW-19B	A	Water	3510C SGC	
720-8338-1MS	Matrix Spike	A	Water	3510C SGC	
720-8338-1MSD	Matrix Spike Duplicate	A	Water	3510C SGC	
720-8338-2	MW-20	A	Water	3510C SGC	
720-8338-3	MW-21	A	Water	3510C SGC	
720-8338-4	MW-22	A	Water	3510C SGC	
720-8338-5	MW-23	A	Water	3510C SGC	
720-8338-6	MW-24	A	Water	3510C SGC	
720-8338-8	MW-27	A	Water	3510C SGC	
720-8338-9	XDUP-1	A	Water	3510C SGC	
Analysis Batch:720-19742					
LCS 720-19623/2-AA	Lab Control Spike	A	Water	8015B	720-19623
LCSD 720-19623/3-AA	Lab Control Spike Duplicate	A	Water	8015B	720-19623
MB 720-19623/1-AA	Method Blank	A	Water	8015B	720-19623
720-8338-1	MW-19B	A	Water	8015B	720-19623
720-8338-1MS	Matrix Spike	A	Water	8015B	720-19623
720-8338-1MSD	Matrix Spike Duplicate	A	Water	8015B	720-19623
720-8338-2	MW-20	A	Water	8015B	720-19623
720-8338-3	MW-21	A	Water	8015B	720-19623
720-8338-4	MW-22	A	Water	8015B	720-19623
720-8338-5	MW-23	A	Water	8015B	720-19623
720-8338-6	MW-24	A	Water	8015B	720-19623
720-8338-8	MW-27	A	Water	8015B	720-19623
720-8338-9	XDUP-1	A	Water	8015B	720-19623

Report Basis

A = Silica Gel Cleanup

STL San Francisco

Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-19714					
LCS 720-19714/2-AA	Lab Control Spike	R	Water	3005A	
LCSD 720-19714/3-AA	Lab Control Spike Duplicate	R	Water	3005A	
MB 720-19561/1-AB	Method Blank	R	Water	3005A	
720-8338-1	MW-19B	D	Water	3005A	
720-8338-2	MW-20	D	Water	3005A	
720-8338-3	MW-21	D	Water	3005A	
720-8338-4	MW-22	D	Water	3005A	
720-8338-5	MW-23	D	Water	3005A	
720-8338-7	MW-25	D	Water	3005A	
720-8338-8	MW-27	D	Water	3005A	
720-8338-9	XDUP-1	D	Water	3005A	
Analysis Batch:720-19748					
LCS 720-19714/2-AA	Lab Control Spike	R	Water	6010B	720-19714
LCSD 720-19714/3-AA	Lab Control Spike Duplicate	R	Water	6010B	720-19714
MB 720-19561/1-AB	Method Blank	R	Water	6010B	720-19714
720-8338-1	MW-19B	D	Water	6010B	720-19714
720-8338-2	MW-20	D	Water	6010B	720-19714
720-8338-3	MW-21	D	Water	6010B	720-19714
720-8338-4	MW-22	D	Water	6010B	720-19714
720-8338-5	MW-23	D	Water	6010B	720-19714
720-8338-7	MW-25	D	Water	6010B	720-19714
720-8338-8	MW-27	D	Water	6010B	720-19714
720-8338-9	XDUP-1	D	Water	6010B	720-19714

Report Basis

D = Dissolved

R = Total Recoverable

Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Method Blank - Batch: 720-19743

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-19743/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/26/2007 1211
Date Prepared: 03/26/2007 1211

Analysis Batch: 720-19743
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200703\032
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 121
1,2-Dichloroethane-d4 (Surr)	88	73 - 130

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 720-19743

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-19743/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/26/2007 1050
Date Prepared: 03/26/2007 1050

Analysis Batch: 720-19743
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200703\032
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-19743/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/26/2007 1117
Date Prepared: 03/26/2007 1117

Analysis Batch: 720-19743
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200703\032
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	98	103	69 - 129	4	25		
Toluene	107	111	70 - 130	4	25		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	99		97		77 - 121		
1,2-Dichloroethane-d4 (Surr)	102		100		73 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Method Blank - Batch: 720-19623

Lab Sample ID: MB 720-19623/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/27/2007 0146
Date Prepared: 03/23/2007 1225

Analysis Batch: 720-19742
Prep Batch: 720-19623
Units: ug/L

Method: 8015B Preparation: 3510C SGC Silica Gel Cleanup

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500
Surrogate	% Rec	Acceptance Limits	
o-Terphenyl	86	50 - 130	
Capric Acid (Surr)	0	0 - 5	

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 720-19623

LCS Lab Sample ID: LCS 720-19623/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/27/2007 0053
Date Prepared: 03/23/2007 1225

Analysis Batch: 720-19742
Prep Batch: 720-19623
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-19623/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/27/2007 0120
Date Prepared: 03/23/2007 1225

Analysis Batch: 720-19742
Prep Batch: 720-19623
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	78	81	50 - 130	4	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
o-Terphenyl	100		106	50 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-19623**

**Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup**

MS Lab Sample ID: 720-8338-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/29/2007 1431
Date Prepared: 03/23/2007 1225

Analysis Batch: 720-19742
Prep Batch: 720-19623

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

MSD Lab Sample ID: 720-8338-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/29/2007 1458
Date Prepared: 03/23/2007 1225

Analysis Batch: 720-19742
Prep Batch: 720-19623

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C28]	66	71	50 - 130	7	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
o-Terphenyl	93		97	50 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Method Blank - Batch: 720-19714

Lab Sample ID: MB 720-19561/1-AB
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/27/2007 0731
Date Prepared: 03/26/2007 1442

Analysis Batch: 720-19748
Prep Batch: 720-19714
Units: mg/L

Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 42.8 mL

Analyte	Result	Qual	RL
Arsenic	ND		0.0050
Cadmium	ND		0.0020
Chromium	ND		0.0050
Copper	ND		0.0050
Nickel	ND		0.0050
Lead	ND		0.0050

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 720-19714

LCS Lab Sample ID: LCS 720-19714/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/27/2007 0734
Date Prepared: 03/26/2007 1442

Analysis Batch: 720-19748
Prep Batch: 720-19714
Units: mg/L

Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 42.8 mL

LCSD Lab Sample ID: LCSD 720-19714/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/27/2007 0737
Date Prepared: 03/26/2007 1442

Analysis Batch: 720-19748
Prep Batch: 720-19714
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 42.8 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Arsenic	83	85	80 - 120	2	20		
Cadmium	98	100	80 - 120	1	20		
Chromium	98	99	80 - 120	2	20		
Copper	99	100	80 - 120	2	20		
Nickel	98	100	80 - 120	2	20		
Lead	98	100	80 - 120	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Laboratories

Chain Of Custody Record

1220 Quarry Lane, Pleasanton
California 94565

Pacific States Steel Corporation,
Union City, Ca.

720-8338

Date: 03-21-07

PAGE: 1 of 1

CONSULTANT COMPANY: Shaw Environmental Inc. ADDRESS: 4005 Port Chicago Highway CITY: Concord CA. 94520 TELEPHONE: 925) 288-9888 FAX: 925) 288-0888 E-MAIL: mike_ayala@shawgrp.com		SITE ADDRESS (Street and City): 11th Street & Decotto, Union City, Ca Project Manager: Mike Ayala Project Number: 120898 SAMPLER NAME(S) (Print): Pedro F. Ruiz																																																																																																																																																																																	
TURNAROUND TIME (BUSINESS DAYS): <input checked="" type="checkbox"/> 10 DAYS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS <input type="checkbox"/> LA - RIVIER REPORT FORMAT <input type="checkbox"/> LIST AGENCY: _____ GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____ SPECIAL INSTRUCTIONS OR NOTES: TEMPERATURE ON RECEIPT: 21.0 STANDARD TAT		REQUESTED ANALYSIS <table border="1"> <tr> <th>TPH-g (8015B), BTEX (8260B)</th> <th>Fuel Oxygenates (8200B)</th> <th>MTBE (8915 RL)</th> <th>MTBE (8915 RL)</th> <th>5 Oxy's (8250B)</th> <th>1,2-DCA / EOB (8260B)</th> <th>100 Halocarbons (8260B)</th> <th>Ethanol / Methanol (8250B)</th> <th>TPH - Diesel, & Inc (8015B) with</th> <th>Silica Gel Clean up EPA 3030C</th> <th>Dissolved Metals As, Cd, Cr, Cu, Pb, Ni (8016B)</th> <th>Vapor VOCs BTEX / MTBE (TO-15)</th> <th>Vapor VOCs Full List (TO-16)</th> <th>Vapor TPH (ASTM 3416m)</th> <th>Vapor Fixed Gases (ASTM D1946)</th> <th>FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes</th> </tr> <tr> <td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*</td><td>*</td><td>*</td><td>*</td><td></td><td></td><td></td><td>VOA HCL, Amb HCL</td> </tr> <tr> <td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*</td><td>*</td><td>*</td><td>*</td><td></td><td></td><td></td><td>HNO3 Poly Metals</td> </tr> <tr> <td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*</td><td>*</td><td>*</td><td>*</td><td></td><td></td><td></td><td>Filter @ the field</td> </tr> <tr> <td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*</td><td>*</td><td>*</td><td>*</td><td></td><td></td><td></td><td>QC Level III</td> </tr> <tr> <td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*</td><td>*</td><td>*</td><td>*</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*</td><td>*</td><td>*</td><td>*</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*</td><td>*</td><td>*</td><td>*</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*</td><td>*</td><td>*</td><td>*</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*</td><td>*</td><td>*</td><td>*</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*</td><td>*</td><td>*</td><td>*</td><td></td><td></td><td></td><td></td> </tr> </table>		TPH-g (8015B), BTEX (8260B)	Fuel Oxygenates (8200B)	MTBE (8915 RL)	MTBE (8915 RL)	5 Oxy's (8250B)	1,2-DCA / EOB (8260B)	100 Halocarbons (8260B)	Ethanol / Methanol (8250B)	TPH - Diesel, & Inc (8015B) with	Silica Gel Clean up EPA 3030C	Dissolved Metals As, Cd, Cr, Cu, Pb, Ni (8016B)	Vapor VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-16)	Vapor TPH (ASTM 3416m)	Vapor Fixed Gases (ASTM D1946)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	*								*	*	*	*				VOA HCL, Amb HCL	*								*	*	*	*				HNO3 Poly Metals	*								*	*	*	*				Filter @ the field	*								*	*	*	*				QC Level III	*								*	*	*	*					*								*	*	*	*					*								*	*	*	*					*								*	*	*	*					*								*	*	*	*					*								*	*	*	*				
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DISTRIBUION: White with final report, Green to F&E, Yellow and Pink to Client.

10/23/06 Revision

03/30/2007

Page 39 of 40

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 720-8338-1

Login Number: 8338

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

**PARK RIDGE PHASE II AND III RESIDENTIAL DEVELOPMENT
AND LINE M CHANNEL**



Winston H. Hickox
Secretary for
Environmental
Protection

California Regional Water Quality Control Board

San Francisco Bay Region

Internet Address: <http://www.swrcb.ca.gov>
1515 Clay Street, Suite 1400, Oakland, California 94612
Phone (510) 622-2300 FAX (510) 622-2460



Gray Davis
Governor

Date:
File No. 2198.11 (KHL)
Site No. 02-01-C0414

Ms. Judy Bendix
Sycamore Associates, LLC
1220 Oakland Boulevard, Suite 100
Walnut Creek, CA 94596

Subject: Conditional Waiver of Waste Discharge Requirements and Water Quality Certification for the Park Ridge Phase II and III residential development project, City of Union City, Alameda County.

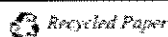
Dear Ms. Bendix:

We have reviewed the above-referenced application for water quality certification from Western Pacific Housing—Porter Division, 1210 Central Boulevard, Brentwood, CA 94513, through its agent, Sycamore Associates, LLC. The project, as proposed, would develop a 20-acre site in Union City with 124 units of single-family residential housing, including the construction of roads, bridges, a detention basin, and other associated infrastructure.

The project site is surrounded on 3 of its 4 sides by an unnamed creek and a tributary to it. Both are designated "Zone 5, Line M" by the Alameda County Flood Control and Water District (ACFCWD), and maintained by ACFCWD. The U.S. Army Corps of Engineers has determined that the creeks are comprised of 0.28 acres (980 linear feet) of open water and 0.34 acres of freshwater marsh (1,722 linear feet). Additionally, 0.38 acres of freshwater seasonal wetland are located on the project site. The project site was formerly used as a slag disposal site by the Pacific States Steel Corporation. A site remediation was completed in 1998 and has been approved by the State Department of Toxic Substances Control.

The project, as proposed, would fill 0.276 acres of seasonal wetlands in and adjacent to the creeks on the project site. This fill is required in order to: construct two bridged road crossings over the unnamed creeks; construct four storm drain outfalls into the creeks; place rock rip-rap bank protection under the two road crossings; install a sewer line using open-trench excavation across the creeks; place fill to raise the existing elevation of the site; and to construct temporary coffer dams to dewater the creeks. An additional area of approximately 0.32 acres of freshwater seasonal wetlands would be excavated in order to construct a detention basin adjacent to the unnamed creek that forms the northern boundary of the site. This detention basin is expected to retain its existing wetland characteristics and will remain jurisdictional waters of the United States and waters of the State. The applicant has not proposed the creation of wetlands or other mitigation for expected temporal

California Environmental Protection Agency



impacts to the wetlands that would be excavated for the construction of the detention basin. However, the detention basin is expected to develop wetland functions and values over time that will be potentially greater than those presently on the site. Further, construction of the basin is expected to significantly expand the existing area of seasonal wetlands to be excavated. The creeks on the project site are tributary to Alameda Creek, and thence to San Francisco Bay.

On an October 26, 1999, site inspection, staff observed that the deposition of fill and grading on the site and construction of the detention basin had been initiated and largely completed. These actions resulted in the fill of 0.38 acres of freshwater seasonal wetlands. At the time the work was completed, the applicant had not received approval from the Board and was not in possession of a valid permit from the U.S. Army Corps of Engineers for that work. However, these approvals would have permitted approximately 0.06 acres of the fill to occur this fall and approximately 0.32 acres of the fill to occur in the 2000 dry season. At this time, the Board will hold any potential enforcement activity in abeyance contingent on the applicant's timely, thorough, and successful completion of the project, construction- and post-construction-stage management measures, and associated mitigation as required below. The project and its associated mitigation, including the development of wetland characteristics in the site's detention basin, remain subject to future review and a determination by the Executive Officer whether the project's impacts have been sufficiently mitigated, or whether the applicant must provide additional appropriate mitigation.

The U.S. Army Corps of Engineers has determined that the project qualifies for Department of the Army Nationwide Permits 7, *Outfall Structures*, 12, *Utility Line Discharges*, 14, *Road Crossings*, 18, *Minor Discharges*, and 33, *Temporary Construction, Access, and Dewatering* (61 FR 65874, Dec. 13, 1996), pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344).

You have applied for a Clean Water Act Section 401 water quality certification that the proposed project will not violate State water quality standards. Pursuant to Regional Board Resolution No. 87-053, Waste Discharge Requirements are waived. The following conditions are associated with this waiver:

1. The discharge, or creation of potential for discharge, of any soil materials including fresh concrete, cement, silts, clay, sand, or any other materials to waters of the State, except as expressly allowed herein, is prohibited;
2. Adequate erosion control measures shall be constructed and maintained to prevent the discharge of waste earthen materials to waters of the United States from disturbed areas under construction and from completed construction areas;
3. No fueling, cleaning, or maintenance of vehicles or equipment shall take place within any waters of the state, or within any areas where an accidental discharge to waters of the State may occur;

4. Measures shall be employed to minimize disturbances at the project site that will adversely impact water quality;
5. No equipment shall be operated in areas of flowing or standing water;
6. All disturbed areas at the project site or at associated staging areas shall be stabilized and vegetated with San Francisco Bay Area-native vegetation upon completion of project construction, and no later than prior to the beginning of the first following rainy season. These areas include home lot yard areas (e.g., front, back, and side yards) and parks for which landscaping has not been installed prior to the first rainy season following construction;
7. Prior to the beginning of project construction, the applicant shall submit a copy of the project's Streambed Alteration Agreement negotiated with the State Department of Fish and Game;
8. Prior to the start of construction, the applicant shall obtain coverage under and comply with the terms of NPDES Permit CAS000002, the NPDES General Permit for Discharges of Storm Water Associated with Construction Activity. No later than November 29, 1999, the applicant shall submit a copy of the Storm Water Pollution Prevention Plan prepared pursuant to this permit to the Board;
9. No later than January 15, 2000, the applicant shall submit a Storm Water Management Plan (SWMP), acceptable to the Executive Officer, detailing the proposed post-construction storm water design measures and treatment controls for the project. This SWMP may be combined with the SWPPP required to be submitted in Condition 8, although this would not change the due date for either. At a minimum, the SWMP shall include details of and plans for the applicant's proposal to:
 - a. Route roof runoff from the project's houses to landscaping prior to discharge to the storm drain;
 - b. Drain no less than 50 percent of the project's driveways to landscaping prior to discharge to the storm drain; and,
 - c. Construct no less than 30 percent of the project's driveways using permeable pavers, such as lattice or unit pavers, on a permeable sand bed or other foundation allowing the infiltration of water into the ground.
10. No later than June 1, 2000, the applicant shall submit, acceptable to the Executive Officer, a final Wetland Mitigation and Monitoring Plan (Plan) for its proposed mitigation at the Plummer Creek site in the City of Newark. The Plan shall include plans for the creation of a



minimum of 0.6 acres of seasonal wetlands, a monitoring plan including potential corrective measures to ensure the success of the proposed mitigation, and an agreement or description of other arrangements to ensure the maintenance and preservation of the proposed mitigation as wetlands in perpetuity. Such agreement shall include the name and other appropriate information of the entity maintaining the mitigation site and details of the arrangement between the applicant and that entity;

11. Should the proposed wetland mitigation at Plummer Creek be determined to be unsuccessful by the Board Executive Officer, then no later than 3 months after such a determination, the applicant shall contact the Board via letter with a proposal, including a time schedule, acceptable to the Executive Officer, regarding how it will provide the mitigation required in Condition 10. The applicant shall be responsible for ensuring that appropriate remedial measures are implemented at the Plummer Creek site and/or for completing appropriate wetland mitigation at another site;
12. Following completion of detention basin excavation, the basin and any immediately surrounding disturbed area shall be appropriately stabilized and seeded with a mix of vegetation native to the San Francisco Bay Area and including appropriate facultative and obligate wetland species;
13. The applicant shall monitor the detention basin for no less than five years following its construction to determine the timing and extent of development of wetland characteristics, functions, values, and jurisdictional area. Following this monitoring period, upon a determination by the applicant that the basin has developed appropriate wetland characteristics, functions, and values, as defined in the Monitoring Plan required to be submitted below (see Condition 14), the applicant shall submit a Notice of Monitoring Completion to the Board. The Board will notify the applicant by letter of its approval of the applicant's completion of monitoring responsibilities upon the Executive Officer's determination that the basin has developed appropriate wetland characteristics, functions, values, and area, and that remedial actions, potentially including the creation of freshwater seasonal wetlands, are not required;
14. No later than January 15, 2000, the applicant shall submit a Monitoring Plan, acceptable to the Executive Officer, that details how it will comply with the requirement in condition 13. At a minimum, the Monitoring Plan shall include:
 - a. A description and listing of monitoring methods (e.g., number and expected season/time of observations and information to be collected), locations (e.g., location and number of transects or other monitoring locations), and all other associated information, as appropriate;

- b. Provisions for observation and analysis of the plant species present, including relative species composition, cover density, and other observations, as appropriate;
 - c. Provisions for observation and analysis of the depth and duration of ponding in the basin, high water mark(s), bank stability and/or erosion;
 - d. Provisions for observation and analysis of bird and other wildlife use of the basin and, as appropriate, the immediately adjacent creek;
 - e. Provisions for fixed photopoint monitoring of the basin, including its bed, banks, and any outfall structure(s);
 - f. Provisions for completing a jurisdictional delineation of the basin within one year prior to the submittal of a Notice of Monitoring completion; and,
 - g. Provisions for comparing this data to an appropriate reference site or existing monitoring data for similarly situated freshwater seasonal wetlands in the San Francisco Bay Area; and,
15. The detention basin, as proposed and as constructed through October 26, 1999, is considered waters of the State and jurisdictional waters of the United States. Any future maintenance of the basin (e.g., desilting, bank stabilization, outfall structure maintenance, vegetation management activities including removal of vegetation, and/or other similar activities), or proposed fill of the basin (e.g., for construction of Caltrans' proposed alignment of State Route 84), will require appropriate approvals from and/or actions by the Board and other agencies. Other agencies may include, but are not limited to, the State Department of Fish and Game, the U.S. Army Corps of Engineers, and the U.S. Fish and Wildlife Service. The issuance of an approval or other appropriate action by the Board will include, as appropriate, a requirement for mitigation, potentially including the creation of wetlands or other jurisdictional waters to mitigate for the temporary and/or permanent loss of such waters and/or their functions and values in the basin.

Pursuant to Title 23, California Code of Regulations Section 3857, this action is equivalent to a waiver of water quality certification.

We anticipate no further action on this application. However, should new information come to our attention that indicates a water quality problem with this project, the Regional Board may issue Waste Discharge Requirements.

Please contact Keith Lichten of my staff at (510) 622-2380, or via email to khl@rb2.swrcb.ca.gov if you have any questions.

Ms. Judy Bendix
p.6

Site No. 02-01-C0414

Sincerely,

Bruce H. Wolfe, Chief
Watershed Management Division

cc: Bill Campbell, SWRCB-DWQ
Mark D'Avignon, Regulatory Branch, USACE (File No. 24476S)
Susan Gloekler, CDFG
Rebecca Tuden, USEPA
Janice Gan, CDFG

Mr. Rick Baker
Alameda County Public Works Agency
951 Turner Court, Room 300
Hayward, CA 94545-5543

Mr. Bob Selders
Western Pacific Housing
1210 Central Blvd.
Brentwood, CA 94513

California Environmental Protection Agency



Recycled Paper

From: Keith Lichten [mailto:khl@rb2.swrcb.ca.gov]
Sent: Friday, September 17, 2004 11:03 AM
To: Courtney Vasquez
Cc: Marilou Ayupan; Brian Wines; Shin-Roei Lee
Subject: RE: Site No: G2-Q1-C0414 / Line M Detention Basin & Basin 2C

Marilou,

As per our telephone discussion this morning, here is an electronic copy of our late-1999 401 Certification of Western Pacific Homes' project, including the excavation of what is now called Basin 2C. There is a discussion of the detention basin impacts and that it remains a jurisdictional water.

You and I also discussed Union City's proposal to jack and bore a pipe at least 2 feet under the existing ground level of Basin 2C to Union City's new Line M detention basin. I understand that Bob Seiders of Western Pacific Homes is concerned that the pipe could impact the hydrology of the basin or otherwise impact the basin's development of wetland characteristics.

Per our discussion today, we believe that the proposed method of pipe installation is one that would be preferred over a more intrusive installation method (e.g., open trenching). Also, the installation of an underground pipe, as proposed, would be preferred over a design more impacting to a detention basin, such as an open concrete channel running across Basin 2C. It seems likely that the primary potential failure mechanism would be piping of water along the pipe leading from the Line M creek to the Line M Detention Basin (i.e., the pipe dewatering Basin 2C by the outside of the pipe acting as a conduit for flows). Per our discussion, the pipe will include appropriate measures, such as an anti-seep collar or collars, or other measures, to preclude this failure mechanism.

Further, the slope of the proposed pipe is quite shallow--much less than 1 percent--so any flow from piping is likely to be limited. Overall, it seems much more likely that the success of wetland formation in Basin 2C will be dominated by levels of soil compaction in the basin bottom, frequency of inundation from Line M (which we understand would not be expected to change), and absence of "standard maintenance" activities for detention basins, such as spraying of herbicides on portions of the basin.

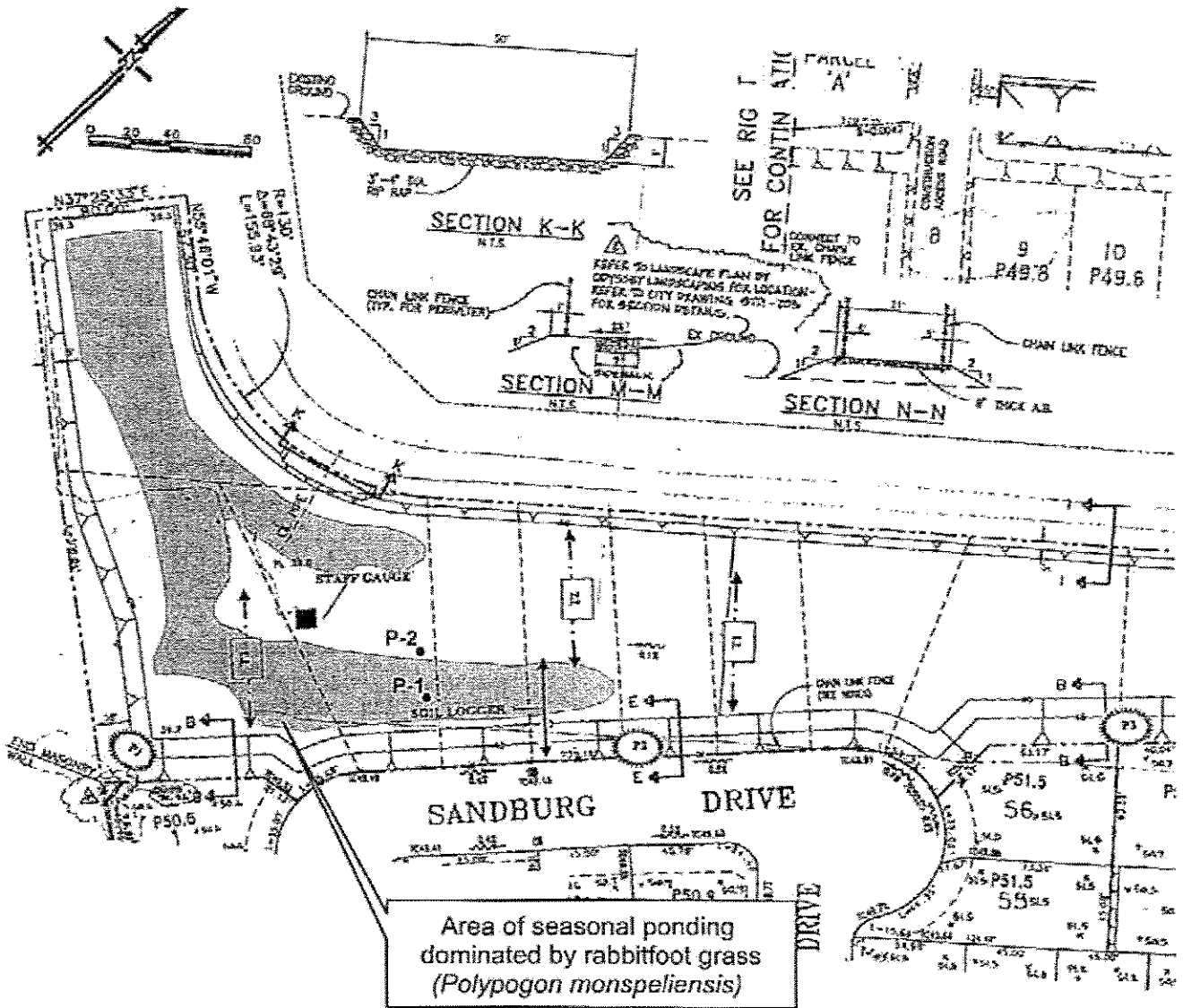
We will continue to look to Western Pacific Homes to ensure that Basin 2C has created a wetland area that is larger and that has better functions and values than the wetland Western Pacific Homes excavated to create the basin. However, it does not appear that the proposed jack-and-bore installation of a pipe under the basin is significantly likely to impact the basin's potential for success in this regard.

Please let me know if you have any questions or comments on this matter.

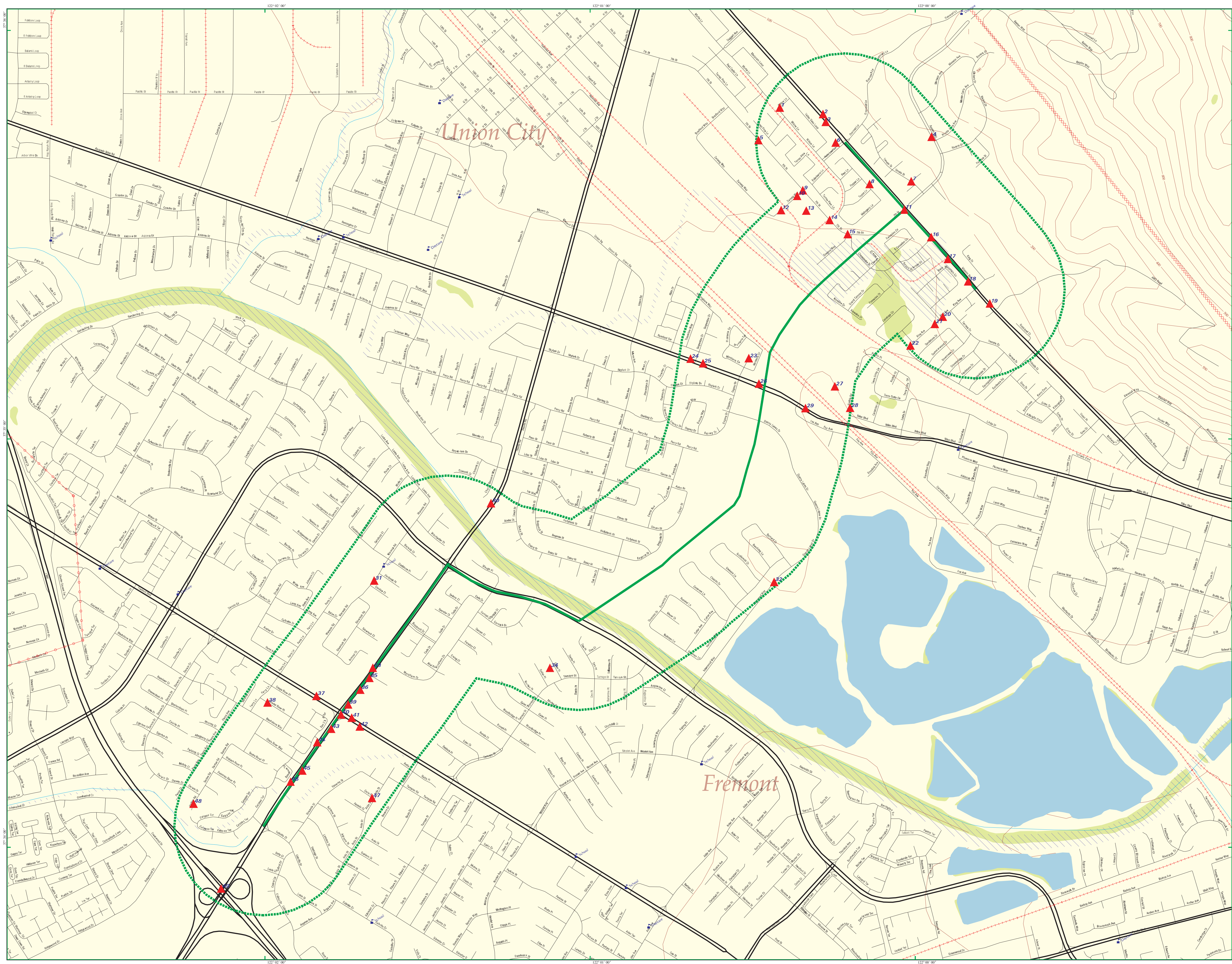
Regards,

-Keith H. Lichten, P.E.
Acting Section Leader
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

(510) 622-2380 direct
(510) 622-2460 fax
khl@rb2.swrcb.ca.gov

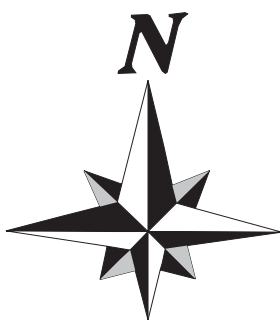


APPENDIX F
EDR DATABASE REPORT
*(EXECUTIVE SUMMARY ONLY, ENTIRE EDR
REPORT IS PRESENTED ON THE ENCLOSED CD)*

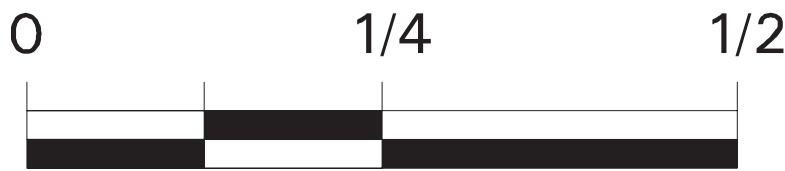


880-238 East-West Connector

- ▲ Listed Sites
- Earthquake Epicenters (Richter 5 or greater)
- Search Boundary
- Roads
- Major Roads
- Waterways
- Railroads
- Contour Lines
- Pipelines
- Powerlines
- Fault Lines
- Water
- Superfund Sites
- Federal DOD Sites
- Indian Reservations BIA
- 100-Yr Flood Zones
- National Wetland Inventory



Union City, CA



Scale in Miles





EDR DataMap® Corridor Study

**880-238 East-West Connector
Union City, CA 94587**

February 20, 2008

Inquiry number 02146110.1r

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

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with any questions or comments.

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

UNION CITY, CA 94587
UNION CITY, CA 94587

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
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

STATE AND LOCAL RECORDS

SCH	School Property Evaluation Program
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EXECUTIVE SUMMARY

Toxic Pits	Toxic Pits Cleanup Act Sites
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
CS	Contaminated Sites
LIENS	Environmental Liens Listing
Notify 65	Proposition 65 Records
VCP	Voluntary Cleanup Program Properties
WIP	Well Investigation Program Case List
HAULERS	Registered Waste Tire Haulers Listing

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

FEDERAL RECORDS

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 01/09/2008 has revealed that there are 2 CERCLIS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<i>GENERAL ELECTRIC COMPANY</i>	<i>34863 MISSION BLVD</i>	<i>16</i>	<i>40</i>
<i>PACIFIC STATES STEEL</i>	<i>35124 ALVARADO NILES RD</i>	<i>26</i>	<i>106</i>

EXECUTIVE SUMMARY

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 12/12/2007 has revealed that there is 1 CORRACTS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
GENERAL ELECTRIC COMPANY	34863 MISSION BLVD	16	40

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 09/11/2007 has revealed that there is 1 RCRA-TSDF site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
GENERAL ELECTRIC COMPANY	34863 MISSION BLVD	16	40

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 09/11/2007 has revealed that there are 4 RCRA-SQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
UNIZAK CORPORATION	34135 7TH ST	5	13
T.C.T. INDUSTRIES INC	35133 MISSION BLVD	18	45
WALGREENS 2366	3880 DECOTO RD	36	125
PIEROTTI MOTORS	3850 DECOTO RD	39	130

RCRA-NonGen: 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 list, as provided by EDR, and dated 09/11/2007 has revealed that there are 6 RCRA-NonGen sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
GENERAL ELECTRIC COMPANY	34863 MISSION BLVD	16	40

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
TC TODD CO	35133 MISSION BLVD	18	47
ROBERT CATALUNA TRUCKING INC	185 KING AVE	21	54
BEST S BLOCK INC	34840 ALVARADO NILES RD	24	68
UNION CITY CITY OF	34900 ALVARADO NILES RD	25	79
EL TORO TRUCKING	1051 KRAFTILE ST	28	109

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/2006 has revealed that there are 3 ERNS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
2250 ISHERWOOD	2250 ISHERWOOD	32	119
2250 ISHERWOOD	2250 ISHERWOOD	32	119
34725 POWDER RIVER PLACE	34725 POWDER RIVER PLAC	38	128

FTTS: 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) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, and dated 01/15/2008 has revealed that there are 3 FTTS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC STATES STEEL	MISSION BLVD & 7TH AVE	11	26
BARKER ASSOCIATES	34863 MISSION RD	16	39
BARKER ASSOCIATES	34863 MISSION BLVD	17	44

HIST FTTS: 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.

A review of the HIST FTTS list, as provided by EDR, and dated 10/19/2006 has revealed that there are 3 HIST FTTS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC STATES STEEL	MISSION BLVD & 7TH AVE	11	26
BARKER ASSOCIATES	34863 MISSION BLVD	16	38
BARKER ASSOCIATES	34863 MISSION RD	16	39

EXECUTIVE SUMMARY

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/04/2008 has revealed that there are 17 FINDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
UNIZAK CORPORATION	34135 7TH ST	5	13
PENGO CORPORATION	710 ZWISSIG WAY	9	17
PACIFIC STATES STEEL	MISSION BLVD & 7TH AVE	11	26
BARKER ASSOCIATES	34863 MISSION RD	16	39
GENERAL ELECTRIC COMPANY	34863 MISSION BLVD	16	40
PACIFIC STATES STEEL CORP CODI	34863 MISSION BLVD.	17	44
TC TODD CO	35133 MISSION BLVD	18	47
ROBERT CATALUNA TRUCKING INC	185 KING AVE	21	54
BEST S BLOCK INC	34840 ALVARADO NILES RD	24	68
UNION CITY CITY OF	34900 ALVARADO NILES RD	25	79
PACIFIC STATES STEEL	35124 ALVARADO NILES RD	26	106
EL TORO TRUCKING	1051 KRAFTILE ST	28	109
WARWICK ELEMENTARY	3375 WARWICK ROAD	31	118
WALGREENS 2366	3880 DECOTO RD	36	125
PIEROTTI MOTORS	3850 DECOTO RD	39	130
TRY-CITY CLEANERS	3924 DECOTO ROAD	43	141
FRANKLIN APLIANCE & REPAIR	4074 DECOTO RD	45	145

STATE AND LOCAL RECORDS

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 the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC STATES STEEL	35124 ALVARADO-NILES RO	26	81

BEP: 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 the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC STATES STEEL	35124 ALVARADO-NILES RO	26	81

EXECUTIVE SUMMARY

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 12/12/2007 has revealed that there is 1 SWF/LF site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC STATES STEEL CORP CODI	34863 MISSION BLVD.	16	38

WDS: California Water Resources Control Board - Waste Discharge System.

A review of the CA WDS list, as provided by EDR, and dated 06/19/2007 has revealed that there are 2 CA WDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
CONKLIN & CONKLIN INC	34201 7TH ST	14	33
PSS CORP	1051 KRAFTILE RD	28	111

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 10 Cortese sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MASONIC HOME	34400 MISSION BLVD	2	5
CATELLUS - UNION CITY	MISSION AT 7TH ST	8	16
CASCADE STEEL COMPANY	34200 7TH ST	14	30
LA PURISIMA GOLF COURSE	35133 MISSION	18	49
INTERLOCKING TILE	500 KING AVE	22	60
HOMER J OLSEN INC	35500 OLSEN	23	66
BEST S BLOCK INC	34840 ALVARADO NILES RD	24	68
RYLAND HOMES (FORMER U. C. COR	34900 ALVARADO NILES RD	25	76
PIEROTTI FREMONT IMPORTS	35018 FREMONT BLVD	41	132
SUPER 7 NO. 18916	35015 FREMONT BLVD	42	134

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 01/07/2008 has revealed that there are 8 LUST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MASONIC HOME	34400 MISSION BLVD	2	5
Facility Status: Pollution Characterization			

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
CASCADE STEEL COMPANY Facility Status: Case Closed	34200 7TH ST	14	30
INTERLOCKING TILE Facility Status: Case Closed	500 KING AVE	22	60
HOMER J. OLSEN, INC. Facility Status: Case Closed	35500 OLSEN WY	23	62
BEST S BLOCK INC Facility Status: Case Closed	34840 ALVARADO NILES RD	24	68
RYLAND HOMES (FORMER U. C. COR Facility Status: Leak being confirmed	34900 ALVARADO NILES RD	25	76
PIEROTTI FREMONT IMPORTS Facility Status: Case Closed	35018 FREMONT BLVD	41	132
SUPER 7 NO. 18916 Facility Status: Case Closed	35015 FREMONT BLVD	42	134

CA FID: 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 4 CA FID UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
ROBERT CATALUNA TRUCKING INC	185 KING AVE	21	54
FRADES NURSERY	3694 DECOTO RD	36	122
REGAN NURSERY INC.	3686 DECOTO RD	36	124
SUPER 7 NO. 18916	35015 FREMONT BLVD	42	134

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

A review of the SLIC list, as provided by EDR, and dated 01/07/2008 has revealed that there are 4 SLIC sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PENGO CORPORATION Facility Status: Case Closed	710 ZWISSIG WAY	9	17
PINE PROPERTY Facility Status: Case Closed	35450 MISSION BLVD	19	51
UNION CITY CITY OF Facility Status: Case Closed	34900 ALVARADO NILES RD	25	79
HATSUSHI PROPERTY Facility Status: Case Closed	3473 DECOTO ROAD	33	119

EXECUTIVE SUMMARY

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 01/07/2008 has revealed that there are 2 UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MASONIC HOMES	34400 MISSION BLVD.	2	3
CITGO GAS STATION #18916	35015 FREMONT BLVD	42	141

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 8 HIST UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
ROBERT CATALUNA TRUCKING INC	185 KING AVE	21	54
HOMER J. OLSEN, INC.	35500 OLSEN WAY	23	67
PUBLIC SERVICES CENTER	34900 ALVARADO-NILES RO	25	72
REGAN NURSERY INC.	3520 DECOTO RD	35	121
FRADES NURSERY	3694 DECOTO RD	36	122
KILPATRICK'S BAKERY	3880 DECOTO RD	39	130
PIENOTTI MOTORS INC.	35018 FREMONT BLVD	41	134
SUPER 7 NO. 18916	35015 FREMONT BLVD	42	134

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 11/01/2007 has revealed that there is 1 AST site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MASONIC HOMES OF CALIFORNIA	34400 MISSION BOULEVARD	2	3

SWEEPS: 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 1980'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 7 SWEEPS UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MASONIC HOME	34400 MISSION BLVD	2	5
ROBERT CATALUNA TRUCKING INC	185 KING AVE	21	54
HOMER J. OLSEN, INC.	35500 OLSEN WY	23	62
PUBLIC SERVICES CENTER	34900 ALVARADO-NILES RD	25	73
FRADES NURSERY	3694 DECOTO RD	36	122

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
REGAN NURSERY INC.	3686 DECOTO RD	36	124
SUPER 7 NO. 18916	35015 FREMONT BLVD	42	134

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2005 has revealed that there are 4 CHMIRS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MASONIC HOME	34400 MISSION BLVD	2	5
Not reported Date Completed: 11-DEC-88	O'CONNELL / VENETO (I	6	14
Not reported Date Completed: 27-SEP-90	34840 ALVARADO-NILES RO	24	71
Not reported Date Completed: 11-OCT-91	HIGHWAY 89 AT I-880	49	148

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 01/03/2008 has revealed that there is 1 DEED site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC STATES STEEL	35124 ALVARADO-NILES RO	26	81

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 CLEANERS list, as provided by EDR, and dated 07/31/2007 has revealed that there is 1 CLEANERS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
TRI CITY CLEANERS	3924 DECOTO RD	43	142

EXECUTIVE SUMMARY

CDL: 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.

A review of the CDL list, as provided by EDR, and dated 09/30/2007 has revealed that there are 3 CDL sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PINE PROPERTY	35450 MISSION BLVD	19	51
Not reported	ACROSS FROM 35194 NILES	29	113
Not reported	4560 SANTEE RD	48	147

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 11/27/2007 has revealed that there is 1 RESPONSE site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC STATES STEEL	35124 ALVARADO-NILES RO	26	81

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/2006 has revealed that there are 54 HAZNET sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
ROBERT E. GIUSTI	112 WILLOW LANE	1	3
MASONIC HOMES OF CALIFORNIA	34400 MISSION BLVD	2	3
SARAH J SAND PRIVATE CONTRACTO	34400 MISSION BLVD	2	4
MASONIC HOME	34400 MISSION BLVD	2	5
MASONIC HOME OF CALIF	34400 MISSION BLVD	2	10
BRADDOCK & LOGAN	34445 MISSION BLVD	3	11
ROTHMAN JIM	238 APPIAN WAY	4	11
SHINETSU POLYMER AMERICA INC	34135 7TH STREET	5	12
MISSION VILLAGE HOME OWNERS AS	200 LADERA PLAZA	7	16
PENGO CORP	710 ZWISSIG WY	9	20
STUDIO 1204 INC	34485 7TH ST	9	21
U S K MANUFACTURING INC	720 ZWISSIG WAY	10	24
PGE PROPERTY	7TH / MISSION AVENUE	11	25
JATCO INC	725 ZWISSIG WAY	12	26
JACTCO INC	725 ZWISSIG	13	28
CASCADE STEEL	34210 7TH ST	14	29
CASCADE STEEL COMPANY	34200 7TH ST	14	30
CONKLIN & CONKLIN INC	34201 7TH ST	14	33
SHEEDY HOIST	34301 7TH ST	15	35
PACIFIC STATES STEEL SITE	34863 MISSION BLVD	16	36

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
CALTRANS DIST 4/ENV ENG	34864 MISSION BLVD	16	43
E & L C CONSTRUCTION	35137 MISSION BLVD	18	44
T.C.T. INDUSTRIES INC	35133 MISSION BLVD	18	45
LA PURISIMA GOLF COURSE	35133 MISSION	18	49
GABE PINE	35450 MISSION BLVD	19	52
BILL SEWARD	111 KING AVE	20	53
ROBERT A CATALUNA	185 KING AVE	21	60
HOMER J OLSEN INC	35500 OLSEN WAY	23	64
HOMER J. OLSEN, GEN. CONTRACTO	35500 OLSEN WAY	23	65
HOMER J OLSEN INC	35500 OLSEN	23	66
PUBLIC SERVICES CENTER	34900 ALVARADO-NILES RD	25	73
UNION CITY CORPORATE YARD	34900 ALVARADO NILES RD	25	75
RYLAND HOMES (FORMER U. C. COR	34900 ALVARADO NILES RD	25	76
CRAFTILE CO	800 CRAFTILE RD	27	108
PSSC/ENVIROCON INC	1051 KRAFTILE RD	28	109
PSS CORP	1051 KRAFTILE RD	28	111
UNION SQUARE AUTOMOTIVE	35194 ALVARADO-NILES RO	29	112
D & G AUTOMOTIVE	35194 ALVARADO-NILES RO	29	114
MICHAEL KIMUNA DDS	2701 DECOTO RD	30	114
HERBERT C. K. CHIU DDS	2701 DECOTO RD STE 4	30	115
MARK L BURR DDS INC	2701 DECOTO RD STE 5	30	116
ANTHONY MOCK DDS	2701 DECOTO RD STE 1	30	117
FREMONT UNIF SCH DIST/WARWICK	3375 WARWICK RD	31	118
JEFFY LUBE STORE #2338	2161 MONUMENT BLVD	34	120
WALGREENS 2366	3880 DECOTO RD	36	125
WESTCORP DEVELOPEMENT GROUP	34882 FREMONT BLVD	37	128
QUALEX #2366	3880 DECOTO RD	39	128
DECOTO II ASSOCIATES	FREMONT BLVD / DECOTO	40	132
SUPER 7 NO. 18916	35015 FREMONT BLVD	42	134
7 ELEVEN STORE 18916	35015 FREMONT BLVD	42	140
TRI CITY CLEANERS	3924 DECOTO RD	43	142
NATIVIDAD TAMON DONG DMD	3906 DE COTO ROAD	44	144
CITY OF FREMONT/MAINTENANCE SE	4170 DECOTA RD	46	146
1X DOUG GONZALEZ	35282 CANO CT	47	147

Emissions Inventory Data: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2005 has revealed that there are 4 EMI sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PENGO CORPORATION	710 ZWISSIG WAY	9	17
STUDIO 1204 INC	34485 7TH STREET	9	23
LA PURISIMA GOLF COURSE	35133 MISSION	18	49
TRY-CITY CLEANERS	3924 DECOTO ROAD	43	141

EXECUTIVE SUMMARY

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 11/27/2007 has revealed that there are 2 ENVIROSTOR sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
CATELLUS - UNION CITY Facility Status: Refer: RWQCB	MISSION AT 7TH ST	8	16
PACIFIC STATES STEEL Facility Status: Certified / Operation & Maintenance Facility Status: Certified	35124 ALVARADO-NILES RO	26	81

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	2
CERC-NFRAP	0
LIENS 2	0
CORRACTS	1
RCRA-TSDF	1
RCRA-LQG	0
RCRA-SQG	4
RCRA-CESQG	0
RCRA-NonGen	6
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	3
HMIRS	0
DOT OPS	0
CDL	0
US BROWNFIELDS	0
DOD	0
FUDS	0
LUCIS	0
CONSENT	0
ROD	0
UMTRA	0
DEBRIS REGION 9	0
ODI	0
MINES	0
TRIS	0
TSCA	0
FTTS	3
HIST FTTS	3
SSTS	0
INDIAN ODI	0
ICIS	0
PADS	0
MLTS	0
RADINFO	0
FINDS	17
RAATS	0
<u>STATE AND LOCAL RECORDS</u>	
Hist Cal-Sites	1
CA Bond Exp. Plan	1
SCH	0
Toxic Pits	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
State Landfill	1
CA WDS	2
WMUDS/SWAT	0
Cortese	10
SWRCY	0
LUST	8
CA FID UST	4
SLIC	4
CS	0
UST	2
HIST UST	8
LIENS	0
AST	1
SWEEPS UST	7
CHMIRS	4
Notify 65	0
DEED	1
VCP	0
DRYCLEANERS	1
WIP	0
CDL	3
RESPONSE	1
HAZNET	54
EMI	4
HAULERS	0
ENVIROSTOR	2
 <u>TRIBAL RECORDS</u>	
INDIAN RESERV	0
INDIAN LUST	0
INDIAN UST	0
 <u>EDR PROPRIETARY RECORDS</u>	
Manufactured Gas Plants	0

NOTES:

Sites may be listed in more than one database

MAP FINDINGS

Map ID Direction Distance Distance (ft.)Site		EDR ID Number EPA ID Number
1	ROBERT E. GIUSTI 112 WILLOW LANE KENSINGTON, CA 94707 HAZNET: Gepaid: CAC000967296 Contact: ROBERT E. GIUSTI Telephone: 0000000000 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: 112 WILLOW LANE Mailing City,St,Zip: KENSINGTON, CA 947070000 Gen County: 7 TSD EPA ID: CAL000027741 TSD County: 5 Waste Category: Asbestos-containing waste Disposal Method: Disposal, Land Fill Tons: 1.6856 Facility County: 7	HAZNET S103623337 N/A
2	MASONIC HOMES OF CALIFORNIA 34400 MISSION BOULEVARD UNION CITY, CA 94587 AST: Owner: MASONIC HOMES OF CALIFORNIA Total Gallons: 8000	AST A100215666 N/A
2	MASONIC HOMES 34400 MISSION BLVD. UNION CITY, CA 94587 UST: Local Agency: Union City, Alameda County Facility ID: 01-011-001003	UST U003879661 N/A
2	MASONIC HOMES OF CALIFORNIA 34400 MISSION BLVD UNION CITY, CA 94587 HAZNET: Gepaid: CAC002199817 Contact: MASONIC HMES OF CALIFORNIA Telephone: 0000000000 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: 34400 MISSION BLVD Mailing City,St,Zip: UNION CITY, CA 945870000 Gen County: 1 TSD EPA ID: CAL000190080 TSD County: San Joaquin	HAZNET S104571675 N/A

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MASONIC HOMES OF CALIFORNIA (Continued)

S104571675

Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 9.2708
Facility County: 1

2

**SARAH J SAND PRIVATE CONTRACTOR
34400 MISSION BLVD
UNION CITY, CA 94587**

**HAZNET S104580774
N/A**

HAZNET:

Gepaid: CAL000176595
Contact: MONIQUE VALDEZ/EX 646
Telephone: 5104713434
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34400 MISSION BLVD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: CAD981429673
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.05
Facility County: Not reported

Gepaid: CAL000176595
Contact: SARAH SAND
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34400 MISSION BLVD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAL000121946
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0208
Facility County: 1

Gepaid: CAL000176595
Contact: MONIQUE VALDEZ/EX 646
Telephone: 5104713434
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34400 MISSION BLVD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.05
Facility County: Not reported

Gepaid: CAL000176595
Contact: SARAH SAND
Telephone: 0000000000

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SARAH J SAND PRIVATE CONTRACTOR (Continued)

S104580774

Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34400 MISSION BLVD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Polychlorinated biphenyls and material containing PCB's
Disposal Method: Disposal, Land Fill
Tons: 2.8078
Facility County: 1

Gepaid: CAL000176595
Contact: SARAH SAND
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34400 MISSION BLVD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD981429673
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.025
Facility County: 1

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

2

**MASONIC HOME
34400 MISSION BLVD
UNION CITY, CA 94587**

**HAZNET S100223633
LUST N/A
CHMIRS
Cortese
SWEEPS UST**

HAZNET:

Gepaid: CAC000719360
Contact: STEVE HARVEY/CONTACT
Telephone: 5104713434
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34400 MISSION BLVD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: .2251
Facility County: 1

Gepaid: CAC001203888
Contact: MASONIC HOME FOR ADULTS
Telephone: 5104713434
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34400 MISSION BLVD

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MASONIC HOME (Continued)

S100223633

Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: .3794
Facility County: 1

Gepaid: CAC001216840
Contact: KELLY WIEST
Telephone: 5104713434
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34400 MISSION BLVD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Tons: .3750
Facility County: 1

LUST:

Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: F
Funding: EF
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0600100870
Stop Date: 1988-10-31 00:00:00
Confirm Leak: 1984-10-31 00:00:00
Workplan: Not reported
Prelim Assess: 1985-04-10 00:00:00
Pollution Char: 1989-03-06 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1988-10-31 00:00:00
Enforcement Dt: 1985-04-10 00:00:00
Release Date: 1988-10-31 00:00:00
Review Date: 2001-09-26 00:00:00
Enter Date: 1988-10-31 00:00:00
MTBE Date: 1965-01-02 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 5
Max MTBE Soil ppb: Not reported
County: 1
Org Name: Not reported
Reg Board: San Francisco Bay Region

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MASONIC HOME (Continued)

S100223633

Status: Pollution Characterization
Chemical: Diesel
Contact Person: Not reported
Responsible Party: LYNN PALASZESKI
RP Address: 7901 OAKPORT ST. SUITE 4700
Interim: Yes
Oversight Prgm: LUST
MTBE Class: C
MTBE Conc: 1
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: CCM
Staff Initials: DY
Lead Agency: Local Agency
Local Agency: 01099
Hydr Basin #: Niles Cone (2-9.01N)
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 0205
Case Number: 01-0945
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: 1/29QR;8.27 TON SOIL-ED;1/21ACWD;

LUST:

Region: 2
Facility Status: Pollution Characterization
Facility Id: 01-0945
Case Number: 0205
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 10/31/1984
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 4/10/1985
Pollution Characterization Began: 3/6/1989
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CHMIRS:

OES Incident Number: 97-5088
OES notification: 12/23/199704:18:34 PM
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MASONIC HOME (Continued)

S100223633

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
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency 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: M 4 Line Creek
Spill Site: Not reported
Cleanup By: Contractor
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 1997
Agency: City of Union City
Incident Date: 12/23/1997 12:00:00 AM
Admin Agency: Union City Fire Department
Amount: Not reported
Contained: No
Site Type: Residence
E Date: Not reported
Substance: Sewage
Quantity Released: Not reported
BBLs: 0
Cups: 0
CUFT: 0
Gallons: unk
Grams: 0

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MASONIC HOME (Continued)

S100223633

Pounds: 0
Liters: 0
Ounces: 0
Pints: 0
Quarts: 0
Sheen: 0
Tons: 0
Unknown: 0
Description: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
Description: Backup into creek due to line blockage; no containment, being worked on. May have been going on for a week or so, can't confirm as yet.

Cortese:

Region: CORTESE
Facility Addr2: 34400 MISSION BLVD

SWEEPS UST:

Status: A
Comp Number: 1003
Number: 9
Board Of Equalization: Not reported
Ref Date: 04-13-90
Act Date: 04-13-90
Created Date: 04-13-90
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 01-011-001003-000001
Actv Date: 04-13-90
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 3

Status: A
Comp Number: 1003
Number: 9
Board Of Equalization: Not reported
Ref Date: 04-13-90
Act Date: 04-13-90
Created Date: 04-13-90
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 01-011-001003-000002
Actv Date: 04-13-90
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Status: A
Comp Number: 1003

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MASONIC HOME (Continued)

S100223633

Number: 9
Board Of Equalization: Not reported
Ref Date: 04-13-90
Act Date: 04-13-90
Created Date: 04-13-90
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 01-011-001003-000003
Actv Date: 04-13-90
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

2

**MASONIC HOME OF CALIF
34400 MISSION BLVD
UNION CITY, CA 94587**

**HAZNET S103976647
N/A**

HAZNET:

Gepaid: CAC001112464
Contact: KELLY WIEST PURCHASING
Telephone: 5104713434
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34400 MISSION BLVD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD982042475
TSD County: Solano
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 20.2272
Facility County: 1

Gepaid: CAC001112464
Contact: KELLY WIEST PURCHASING
Telephone: 5104713434
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34400 MISSION BLVD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD982042475
TSD County: Solano
Waste Category: Asbestos-containing waste
Disposal Method: Not reported
Tons: 1.6856
Facility County: 1

Gepaid: CAC001112464
Contact: KELLY WIEST PURCHASING
Telephone: 5104713434
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34400 MISSION BLVD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1

MAP FINDINGS

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

MASONIC HOME OF CALIF (Continued)
S103976647

TSD EPA ID: CAD990794133
 TSD County: San Joaquin
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 42.1400
 Facility County: 1

**3 BRADDOCK & LOGAN
34445 MISSION BLVD
UNION CITY, CA 94587**
**HAZNET S103654301
N/A**

HAZNET:
 Gepaid: CAC001146568
 Contact: BRADDOCK & LOGAN
 Telephone: 5107364000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 5300
 Mailing City,St,Zip: DANVILLE, CA 945360000
 Gen County: 1
 TSD EPA ID: CAD982042475
 TSD County: Solano
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 2.5284
 Facility County: 1

**4 ROTHMAN JIM
238 APPIAN WAY
UNION CITY, CA 94587**
**HAZNET S102799265
N/A**

HAZNET:
 Gepaid: CAC000945856
 Contact: JIM ROTHMAN
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 238 APPIAN WAY
 Mailing City,St,Zip: UNION CITY, CA 945870000
 Gen County: 1
 TSD EPA ID: CAL000027741
 TSD County: 5
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 7.5852
 Facility County: 1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

5
SHINETSU POLYMER AMERICA INC
34135 7TH STREET
UNION CITY, CA 94587

HAZNET

S100571115
N/A

HAZNET:

Gepaid: CAL000041953
Contact: SHIN-ETSU POLYMER
Telephone: 5104759000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 5600 MOWRY SCHOOL RD #320
Mailing City,St,Zip: NEWARK, CA 945600000
Gen County: 7
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: .1000
Facility County: 7

Gepaid: CAL000041953
Contact: SHIN-ETSU POLYMER
Telephone: 5104759000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 5600 MOWRY SCHOOL RD #320
Mailing City,St,Zip: NEWARK, CA 945600000
Gen County: 7
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: 1.3761
Facility County: 7

Gepaid: CAL000041953
Contact: SHIN-ETSU POLYMER
Telephone: 5104759000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 5600 MOWRY SCHOOL RD #320
Mailing City,St,Zip: NEWARK, CA 945600000
Gen County: 7
TSD EPA ID: CAT080031628
TSD County: Kern
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .7714
Facility County: 7

Gepaid: CAL000041953
Contact: SHIN-ETSU POLYMER
Telephone: 5104759000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 5600 MOWRY SCHOOL RD #320
Mailing City,St,Zip: NEWARK, CA 945600000
Gen County: 7
TSD EPA ID: CAD009452657

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHINETSU POLYMER AMERICA INC (Continued)

S100571115

TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: .0500
Facility County: 7

Gepaid: CAL000041953
Contact: SHIN-ETSU POLYMER
Telephone: 5104759000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 5600 MOWRY SCHOOL RD #320
Mailing City,St,Zip: NEWARK, CA 945600000
Gen County: 7
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: 1.6054
Facility County: 7

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

5 UNIZAK CORPORATION 34135 7TH ST UNION CITY, CA 94587

RCRA-SQG 1000443011
FINDS CAD981463367

RCRA-SQG:

Date form received by agency: 04/01/1986
Facility name: UNIZAK CORPORATION
Facility address: 34135 7TH ST
UNION CITY, CA 94587
EPA ID: CAD981463367
Mailing address: SEVENTH ST
UNION CITY, CA 94587
Contact: ENVIRONMENTAL MANAGER
Contact address: 34135 SEVENTH ST
UNION CITY, CA 94587
Contact country: US
Contact telephone: (415) 487-8900
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: TORU HATAZAWA
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNIZAK CORPORATION (Continued)

1000443011

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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at 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.

6

**O'CONNELL / VENETO (IN FLOOD CONTROL)
UNION CITY, CA 94587**

**CHMIRS S100278644
N/A**

CHMIRS:

OES Incident Number: 9992384
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 11-DEC-88
Date Completed: 11-DEC-88
Property Use: 099
Agency Id Number: 1115

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S100278644

Agency Incident Number: 2675
Time Notified: 952
Time Completed: 1145
Surrounding Area: 650
Estimated Temperature: 65
Property Management: C
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency 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: M. BROWN, CAPT.
Report Date: 11-DEC-88
Comments: Not reported
Facility Telephone: 415 471-1424
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: Not reported
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported
E Date: 25-APR-89
Substance: Not reported
Quantity Released: Not reported
BBLs: Not reported
Cups: Not reported
CUFT: Not reported
Gallons: Not reported
Grams: Not reported
Pounds: Not reported
Liters: Not reported
Ounces: Not reported

MAP FINDINGS

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

(Continued)

S100278644

Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	Not reported

7 **MISSION VILLAGE HOME OWNERS ASSOCIATION**
200 LADERA PLAZA
UNION CITY, CA 94587

HAZNET S105086753
N/A

HAZNET:

Gepaid:	CAC002284457
Contact:	MISS VIL HOME OWNERS ASSOC
Telephone:	5104908587
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	42840 CHRISTY STE 201
Mailing City,St,Zip:	FREMONT, CA 945380000
Gen County:	1
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Transfer Station
Tons:	.0075
Facility County:	1

8 **CATELLUS - UNION CITY**
MISSION AT 7TH ST
UNION CITY, CA 94587

Cortese S102008147
ENVIROSTOR N/A

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	RWQCB 2 - San Francisco Bay
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	North Coast
Facility ID:	01010003
Site Code:	Not reported
Assembly:	20
Senate:	10
Special Program:	Not reported
Status:	Refer: RWQCB
Status Date:	1996-03-08 00:00:00

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CATELLUS - UNION CITY (Continued)

S102008147

Restricted Use: NO
Funding: Not reported
Latitude: 37.592222222222
Longitude: -122.004444444444
Alias Name: CATELLUS - UNION CITY
SOUTHERN PACIFIC RR
01010003
Alias Type: Alternate Name
Envirostor ID Number
Alternate Name
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1992-12-18 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10003, 10076, 10097, 30013
Potential Description: * HALOGENATED SOLVENTS
Potential Description: * Pesticides - Rinse Waters
Potential Description: * CONTAMINATED SOIL
Potential Description: Lead
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
PastUse: NONE SPECIFIED

9

PENGO CORPORATION
710 ZWISSIG WAY
UNION CITY, CA 94587

FINDS 1005774501
SLIC 110002430030
EMI

FINDS:

Other Pertinent Environmental Activity Identified at Site

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).

SLIC:

Region: STATE
Global Id: SL0600126187
Assigned Name: SLICSITE
Lead Agency Contact: TED TRENHOLME
Lead Agency: ALAMEDA COUNTY WATER DISTRICT

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PENG0 CORPORATION (Continued)

1005774501

Lead Agency Case Number: 0298
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: Not reported
Facility Status: Case Closed

SLIC:

Region: 2
Facility ID: Not reported
Facility Status: Case Closed
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

EMI:

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 4511
Air District Name: BA
SIC Code: 3532
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: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 4511
Air District Name: BA
SIC Code: 3532
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: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PENG0 CORPORATION (Continued)

1005774501

Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 4511
Air District Name: BA
SIC Code: 3532
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: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 4511
Air District Name: BA
SIC Code: 3532
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: 1999
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 4511
Air District Name: BA
SIC Code: 3532
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: 2000
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 4511

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PENG0 CORPORATION (Continued)

1005774501

Air District Name: BA
SIC Code: 3532
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

9

PENG0 CORP
710 ZWISSIG WY
UNION CITY, CA 94587

HAZNET 1000236002
N/A

HAZNET:

Gepaid: CAD040000424
Contact: PENG0 CORP
Telephone: 5104878400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 710 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945873602
Gen County: 1
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 10.2999
Facility County: 1

Gepaid: CAD040000424
Contact: PENG0 CORP
Telephone: 5104878400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 710 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945873602
Gen County: 1
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 13.6150
Facility County: 1

Gepaid: CAD040000424
Contact: PENG0 CORP
Telephone: 5104878400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 710 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945873602
Gen County: 1
TSD EPA ID: CAT080031628
TSD County: Kern

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PENGO CORP (Continued)

1000236002

Waste Category: Not reported
Disposal Method: Recycler
Tons: .0000
Facility County: 1

Gepaid: CAD040000424
Contact: PENGO CORP
Telephone: 5104878400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 710 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945873602
Gen County: 1
TSD EPA ID: CAT080031628
TSD County: Kern
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Tons: .7506
Facility County: 1

Gepaid: CAD040000424
Contact: PENGO CORP
Telephone: 5104878400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 710 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945873602
Gen County: 1
TSD EPA ID: CAL000048571
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 4.6912
Facility County: 1

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

9

STUDIO 1204 INC
34485 7TH ST
UNION CITY, CA 94587

HAZNET S106093603
N/A

HAZNET:

Gepaid: CAL000255066
Contact: CHUCK JOHNSTON / PRESIDENT
Telephone: 5107931204
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34485 7TH ST
Mailing City,St,Zip: UNION CITY, CA 94587
Gen County: Alameda
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Not reported
Tons: 0.05
Facility County: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STUDIO 1204 INC (Continued)

S106093603

Gepaid: CAL000255066
Contact: CHUCK JOHNSTON / PRESIDENT
Telephone: 5103247100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34485 7TH ST
Mailing City,St,Zip: UNION CITY, CA 94587
Gen County: Alameda
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: H14
Tons: 0.07
Facility County: 1

Gepaid: CAL000255066
Contact: CHUCK JOHNSTON
Telephone: 5107931204
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34485 7TH ST
Mailing City,St,Zip: UNION CITY, CA 94587
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Alameda
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Transfer Station
Tons: 0.16
Facility County: Not reported

Gepaid: CAL000255066
Contact: CHUCK JOHNSTON / PRESIDENT
Telephone: 5107931204
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34485 7TH ST
Mailing City,St,Zip: UNION CITY, CA 94587
Gen County: Alameda
TSD EPA ID: CAD053044053
TSD County: Alameda
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Transfer Station
Tons: 0.54
Facility County: 1

Gepaid: CAL000255066
Contact: CHUCK JOHNSTON / PRESIDENT
Telephone: 5107931204
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34485 7TH ST
Mailing City,St,Zip: UNION CITY, CA 94587
Gen County: Alameda
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STUDIO 1204 INC (Continued)

S106093603

Tons: 0.05
Facility County: Not reported

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

9

STUDIO 1204 INC
34485 7TH STREET
UNION CITY, CA 94587

EMI S106921498
N/A

EMI:

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 14966
Air District Name: BA
SIC Code: 7334
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

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 14966
Air District Name: BA
SIC Code: 7334
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: 0.799
Reactive Organic Gases Tons/Yr: 0.3196
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: 2005
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 14966
Air District Name: BA
SIC Code: 7334
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: .799
Reactive Organic Gases Tons/Yr: .3196
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STUDIO 1204 INC (Continued)

S106921498

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

10

**U S K MANUFACTURING INC
720 ZWISSIG WAY
UNION CITY, CA 94587**

**HAZNET S105723936
N/A**

HAZNET:

Gepaid: CAL000192054
Contact: JINA KIM/GENERAL MANAGER
Telephone: 5104717555
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 720 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Tons: 0.87
Facility County: Not reported

Gepaid: CAL000192054
Contact: JINA KIM/GENERAL MANAGER
Telephone: 5104717555
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 720 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Tons: 0.87
Facility County: Not reported

Gepaid: CAL000192054
Contact: JINA KIM/GENERAL MANAGER
Telephone: 5104717555
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 720 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Tons: 1.2
Facility County: 1

Gepaid: CAL000192054
Contact: JINA KIM/GENERAL MANAGER
Telephone: 5104717555
Facility Addr2: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U S K MANUFACTURING INC (Continued)

S105723936

Mailing Name: Not reported
Mailing Address: 720 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Disposal, Other
Tons: 0.33
Facility County: Not reported

Gepaid: CAL000192054
Contact: JINA KIM/GENERAL MANAGER
Telephone: 5104717555
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 720 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Disposal, Other
Tons: 0.68
Facility County: Not reported

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

11

**PGE PROPERTY
7TH / MISSION AVENUE
UNION CITY, CA 94587**

**HAZNET S102800081
N/A**

HAZNET:

Gepaid: CAC000964888
Contact: PGE
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1919 WEBSTER STREET
Mailing City,St,Zip: OAKLAND, CA 946120000
Gen County: 1
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: ***
Disposal Method: Disposal, Land Fill
Tons: .0000
Facility County: 1

Gepaid: CAC000964888
Contact: PGE
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1919 WEBSTER STREET
Mailing City,St,Zip: OAKLAND, CA 946120000
Gen County: 1
TSD EPA ID: CAT000646117

MAP FINDINGS

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

PGE PROPERTY (Continued)
S102800081

TSD County: Kings
 Waste Category: Other organic solids
 Disposal Method: Disposal, Land Fill
 Tons: 33.7120
 Facility County: 1

11
PACIFIC STATES STEEL
MISSION BLVD & 7TH AVE
UNION CITY, CA 94587

FINDS 1004441838
FTTS 110011660372
HIST FTTS

FINDS:

Other Pertinent Environmental Activity Identified at Site

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

FTTS INSP:

Inspection Number: Not reported
 Region: 09
 Inspection Date: Not reported
 Inspector: CZAJKOWSKI
 Violation occurred: No
 Investigation Type: Section 6 PCB Federal Conducted
 Investigation Reason: For Cause, Government
 Legislation Code: TSCA
 Facility Function: User

HIST FTTS INSP:

Inspection Number: 1987121804947 1
 Region: 09
 Inspection Date: Not reported
 Inspector: CZAJKOWSKI
 Violation occurred: No
 Investigation Type: Section 6 PCB Federal Conducted
 Investigation Reason: For Cause, Government
 Legislation Code: TSCA
 Facility Function: User

12
JATCO INC
725 ZWISSIG WAY
UNION CITY, CA 94587

HAZNET S105724768
N/A

HAZNET:

Gepaid: CAL000215526
 Contact: STEVEN JONESS
 Telephone: 5104870888
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 725 ZWISSIG WAY

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JATCO INC (Continued)

S105724768

Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 9.17
Facility County: 1

Gepaid: CAL000215526
Contact: JERRY JARRELL
Telephone: 5104870888
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 725 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Transfer Station
Tons: 0.8
Facility County: Not reported

Gepaid: CAL000215526
Contact: JERRY JARRELL
Telephone: 5104870888
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 725 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Recycler
Tons: 4.17
Facility County: Not reported

Gepaid: CAL000215526
Contact: JERRY JARRELL
Telephone: 5104870888
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 725 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Alameda
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 6.49
Facility County: Not reported

Gepaid: CAL000215526
Contact: JERRY JARRELL
Telephone: 5104870888

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JATCO INC (Continued)

S105724768

Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 725 ZWISSIG WAY
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: CAL000233905
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Recycler
Tons: 4.17
Facility County: 1

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

13

**JACTCO INC
725 ZIWISSIG
UNION CITY, CA 94587**

**HAZNET S103971498
N/A**

HAZNET:

Gepaid: CAC000913032
Contact: JACTCO INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 725 ZIWISSIG
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Tons: 5.0040
Facility County: 1

Gepaid: CAC000913032
Contact: JACTCO INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 725 ZIWISSIG
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: Transfer Station
Tons: 3.4194
Facility County: 1

Gepaid: CAC000913032
Contact: JACTCO INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 725 ZIWISSIG
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JACTCO INC (Continued)

S103971498

TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .5000
Facility County: 1

Gepaid: CAC000913032
Contact: JACTCO INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 725 ZIWISSIG
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD083166728
TSD County: Stanislaus
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 4.1700
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

14

**CASCADE STEEL
34210 7TH ST
UNION CITY, CA 94587**

**HAZNET S103654176
N/A**

HAZNET:

Gepaid: CAL000160885
Contact: CASCADE STEEL
Telephone: 5034724181
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34210 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .2500
Facility County: 1

Gepaid: CAL000160885
Contact: CASCADE STEEL
Telephone: 5034724181
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34210 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 0.0208

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CASCADE STEEL (Continued)

S103654176

Facility County: 1

Gepaid: CAL000160885
Contact: CASCADE STEEL
Telephone: 5034724181
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34210 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 0.2251
Facility County: 1

Gepaid: CAL000160885
Contact: CASCADE STEEL
Telephone: 5034724181
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34210 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAT080014079
TSD County: 7
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Transfer Station
Tons: 0.0625
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

14

**CASCADE STEEL COMPANY
34200 7TH ST
UNION CITY, CA 94587**

**HAZNET S102426391
LUST N/A
Cortese**

HAZNET:

Gepaid: CAC002192809
Contact: GREYSTONE HOMES
Telephone: 4089341744
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 920 HILLVIEW CT STE 280
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: 1
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Not reported
Disposal Method: Disposal, Land Fill
Tons: 15.1704
Facility County: 1

Gepaid: CAC002192809
Contact: GREYSTONE HOMES

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CASCADE STEEL COMPANY (Continued)

S102426391

Telephone: 4089341744
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 920 HILLVIEW CT STE 280
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: 1
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Disposal, Land Fill
Tons: 379.2600
Facility County: 1

Gepaid: CAC002192809
Contact: GREYSTONE HOMES
Telephone: 4089341744
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 920 HILLVIEW CT STE 280
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: 1
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Not reported
Tons: 30.3408
Facility County: 1

LUST:

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: F
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0600100264
Stop Date: 1986-06-11 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1990-09-05 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1991-05-06 00:00:00
Discover Date: 1986-06-11 00:00:00
Enforcement Dt: Not reported
Release Date: 1986-06-11 00:00:00
Review Date: 1996-11-15 00:00:00
Enter Date: 1986-06-15 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CASCADE STEEL COMPANY (Continued)

S102426391

Max MTBE Soil ppb: Not reported
 County: 1
 Org Name: Not reported
 Reg Board: San Francisco Bay Region
 Status: Case Closed
 Chemical: Misc. Motor Vehicle Fuels
 Contact Person: Not reported
 Responsible Party: BLANK RP
 RP Address: Not reported
 Interim: Yes
 Oversight Prgm: LUST
 MTBE Class: *
 MTBE Conc: 0
 MTBE Fuel: 0
 MTBE Tested: Not Required to be Tested.
 Staff: CCM
 Staff Initials: TT
 Lead Agency: Local Agency
 Local Agency: 01099
 Hydr Basin #: Niles Cone (2-9.01N)
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: No
 Local Case #: 0288
 Case Number: 01-0284
 Qty Leaked: Not reported
 Abate Method: No Action Required - incident is minor, requiring no remedial action
 Operator: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary: ARCHIVED 6/6/96 CONTROL NO 120-074 SRC 0904724

LUST:

Region: 2
 Facility Status: Case Closed
 Facility Id: 01-0284
 Case Number: 0288
 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: 9/5/1990
 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

Cortese:

Region: CORTESE
 Facility Addr2: 34200 7TH ST

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
Database(s)
EPA ID Number

14
CONKLIN & CONKLIN INC
34201 7TH ST
UNION CITY, CA 94587

HAZNET
CA WDS
S103654173
N/A

HAZNET:

Gepaid: CAL000093802
Contact: JIM CONKLIN
Telephone: 5104895500
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34201 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 12.77
Facility County: Not reported

Gepaid: CAL000093802
Contact: JIM CONKLIN
Telephone: 5104895500
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34201 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: 2
Facility County: 1

Gepaid: CAL000093802
Contact: JIM CONKLIN
Telephone: 5104895500
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34201 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 12
Facility County: Not reported

Gepaid: CAL000093802
Contact: JIM CONKLIN
Telephone: 5104895500
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34201 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: Alameda
TSD EPA ID: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CONKLIN & CONKLIN INC (Continued)

S103654173

TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Treatment, Tank
Tons: 0.62
Facility County: Not reported

Gepaid: CAL000093802
Contact: CONKLIN & CONKLIN INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34201 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD000088252
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 16.1554
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access 8 additional CA_HAZNET: record(s) in the EDR Site Report.

CA WDS:

Facility ID: San Francisco Bay 01I009671
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
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: 5104895500
Facility Contact: JIM CONKLIN
Agency Name: CONKLIN & CONKLIN INC
Agency Address: 34201 7th St
Agency City,St,Zip: Union City 945873655
Agency Contact: JIM CONKLIN
Agency Telephone: 5104895500
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste: 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

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CONKLIN & CONKLIN INC (Continued)

S103654173

Complexity: 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.
Category C - Facilities having no waste treatment systems, such as 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.

15

SHEEDY HOIST
34301 7TH ST
UNION CITY, CA 94587

HAZNET S103987568
N/A

HAZNET:

Gepaid: CAL000145898
Contact: DAVID PASKI VP GEN MGR
Telephone: 5104417300
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 77004
Mailing City,St,Zip: SAN FRANCISCO, CA 941070000
Gen County: Alameda
TSD EPA ID: CAD053044053
TSD County: Alameda
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 0.09
Facility County: 1

Gepaid: CAL000145898
Contact: RICHARD W WHEELER VP GEN MGR
Telephone: 5104417300
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34301 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945873653
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Alameda
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: 0.16
Facility County: Not reported

Gepaid: CAL000145898
Contact: SHEEDY DRAYAGE
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34301 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945873653
Gen County: 1
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Disposal, Other

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHEEDY HOIST (Continued)

S103987568

Tons: .0000
Facility County: 1

Gepaid: CAL000145898
Contact: SHEEDY DRAYAGE
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34301 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945873653
Gen County: 1
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: .2293
Facility County: 1

Gepaid: CAL000145898
Contact: RICHARD W WHEELER VP GEN MGR
Telephone: 5104417300
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34301 7TH ST
Mailing City,St,Zip: UNION CITY, CA 945873653
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Alameda
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: 0.03
Facility County: Not reported

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

16

**PACIFIC STATES STEEL SITE
34863 MISSION BLVD
UNION CITY, CA 94587**

**HAZNET S100941569
N/A**

HAZNET:
Gepaid: CAL000023950
Contact: PACIFIC STATES STEEL
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2420 SAND HILL RD STE 102
Mailing City,St,Zip: MENLO PARK, CA 940256942
Gen County: 1
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Unspecified sludge waste
Disposal Method: Disposal, Land Fill
Tons: 1.2500
Facility County: 1

Gepaid: CAL000023950
Contact: PACIFIC STATES STEEL

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL SITE (Continued)

S100941569

Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2420 SAND HILL RD STE 102
Mailing City,St,Zip: MENLO PARK, CA 940256942
Gen County: 1
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Disposal, Land Fill
Tons: .3250
Facility County: 1

Gepaid: CAL000023950
Contact: PACIFIC STATES STEEL
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2420 SAND HILL RD STE 102
Mailing City,St,Zip: MENLO PARK, CA 940256942
Gen County: 1
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Unspecified sludge waste
Disposal Method: Disposal, Other
Tons: .3250
Facility County: 1

Gepaid: CAL000023950
Contact: PACIFIC STATES STEEL
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2420 SAND HILL RD STE 102
Mailing City,St,Zip: MENLO PARK, CA 940256942
Gen County: 1
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Not reported
Disposal Method: Disposal, Other
Tons: .2293
Facility County: 1

Gepaid: CAL000023950
Contact: PACIFIC STATES STEEL
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2420 SAND HILL RD STE 102
Mailing City,St,Zip: MENLO PARK, CA 940256942
Gen County: 1
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Other
Tons: .9174
Facility County: 1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL SITE (Continued)

S100941569

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

**16 PACIFIC STATES STEEL CORP CODISPOSAL SIT
34863 MISSION BLVD.
UNION CITY, CA**

**SWF/LF S102359688
N/A**

SWF/LF:

Region: STATE
Facility ID: 01-CR-0023
Lat/Long: 37.58801 / -122.01125
Owner Name: Pacific States Steel Corporation
Owner Telephone: Not reported
Owner Address: Mr. Hans Lemcke
Owner Address2: 1051 Kraftile Road
Owner City,St,Zip: Fremont, CA 94536
Operator: Not reported
Operator Phone: Not reported
Operator Address: Not reported
Operator Address2: Not reported
Operator City,St,Zip: Not reported
Operator's Status: Closed
Permit Date: Not reported
Permit Status: Not reported
Permitted Acreage: \$0.00
Activity: Solid Waste Disposal Site
Regulation Status: Unpermitted
Landuse Name: Not reported
GIS Source: Map
Category: Disposal
Unit Number: 01
Inspection Frequency: None
Accepted Waste: Not reported
Closure Date: 12/1/1996
Closure Type: Actual
Disposal Acreage: \$0.00
Swisnumber: 01-CR-0023
Issue & Observations: Not reported
Program Type: 2136
Permitted Throughput with Units: Not reported
Actual Throughput with Units: Not reported
Permitted Capacity with Units: Not reported
Remaining Capacity: Not reported
Remaining Capacity with Units: Not reported

**16 BARKER ASSOCIATES
34863 MISSION BLVD
UNION CITY, CA 94587**

**HIST FTTS 1008175374
N/A**

HIST FTTS:

Case Number: Not reported
Docket Number: 09-87-0025
Complaint Issue Date: 03/17/1987
Abatement Amount: 0.0000
Proposed Penalty: 25000.0000
Final Assessment: 0.0000

Map ID
Direction
Distance
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

BARKER ASSOCIATES (Continued)

1008175374

Final Order Date: 08/06/1987
Close Date: / /
Violations(s): PCB, Label or Marking
PCB, Dispose
PCB, Storage
PCB, Failure to Maintain Records

16

**BARKER ASSOCIATES
34863 MISSION RD
UNION CITY, CA 94587**

**FINDS 1006282876
FTTS 110011662995
HIST FTTS**

FINDS:

Other Pertinent Environmental Activity Identified at Site

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

FTTS INSP:

Inspection Number: Not reported
Region: 09
Inspection Date: Not reported
Inspector: SCHMIT
Violation occurred: Yes
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:

Inspection Number: 1986081103379 1
Region: 09
Inspection Date: Not reported
Inspector: SCHMIT
Violation occurred: Yes
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

MAP FINDINGS

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

16 GENERAL ELECTRIC COMPANY
34863 MISSION BLVD
UNION CITY, CA 94587

CERCLIS
FINDS
RCRA-TSDF
CORRACTS
RCRA-NonGen
1000214030
CAT080012628

CERCLIS:

Site ID: 0900335
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Site Reassessment Start Needed

CERCLIS Site Contact Name(s):

Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis
Contact Tel: (415) 972-3095
Contact Title: Site Assessment Manager (SAM)

Contact Name: Nuria Muniz
Contact Tel: (415) 972-3811
Contact Title: Site Assessment Manager (SAM)

Site Description: deferral per schedule mm 3/07

CERCLIS Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 02/19/1988
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 07/16/1991
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 01/23/1996
Priority Level: Not reported

FINDS:

Other Pertinent Environmental Activity Identified at 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.

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,

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GENERAL ELECTRIC COMPANY (Continued)

1000214030

and financial information.

RCRA-TSDF:

Date form received by agency: 12/09/1992
Facility name: GENERAL ELECTRIC COMPANY
Facility address: 34863 MISSION BLVD
UNION CITY, CA 94587
EPA ID: CAT080012628
Mailing address: 5441 EAST FOURTEEN STREET
OAKLAND, CA 94601
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
TSD commencement date: Not reported
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: GENERAL ELECTRIC COMPANY
Owner/operator address: 5441 EAST 14TH STREET
NOT REQUIRED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 436-9550
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: PACIFIC STATES STEEL CORP.
Owner/operator address: 34863 MISSION BLVD.
UNION CITY, CA 94587
Owner/operator country: Not reported
Owner/operator telephone: (415) 793-2111
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GENERAL ELECTRIC COMPANY (Continued)

1000214030

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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 11/17/1980
Facility name: GENERAL ELECTRIC COMPANY
Classification: Not a generator, verified

Corrective Action Summary:

Event date: 07/16/1991
Event: CA049PA

Event date: 07/16/1991
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 07/16/1991
Event: CA029ST

Event date: 03/27/1992
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 03/27/1992
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: Not reported
Event: CA03193

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 09/08/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/07/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GENERAL ELECTRIC COMPANY (Continued)

1000214030

CORRACTS:

EPA ID: CAT080012628
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 3/27/1992
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 81149
Other Personal and Household Goods Repair and Maintenance
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080012628
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 7/16/1991
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 81149
Other Personal and Household Goods Repair and Maintenance
Original schedule date: Not reported
Schedule end date: Not reported

16

**CALTRANS DIST 4/ENV ENG
34864 MISSION BLVD
UNION CITY, CA 94587**

**HAZNET S106087649
N/A**

HAZNET:

Gepaid: CAC002552948
Contact: AUTAR KAUL/CIVIL ENG
Telephone: 5102864828
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 23660
Mailing City,St,Zip: OAKLAND, CA 946230660
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 0.30
Facility County: Not reported

Gepaid: CAC002552948
Contact: AUTAR KAUL/CIVIL ENG
Telephone: 5102864828
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 23660
Mailing City,St,Zip: OAKLAND, CA 946230660
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Disposal, Land Fill
Tons: 5.25

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CALTRANS DIST 4/ENV ENG (Continued)

S106087649

Facility County: Not reported

17

**BARKER ASSOCIATES
34863 MISSION BLVD
UNION CITY, CA 94587**

**FTTS 1010001146
N/A**

FTTS:

Case Number: Not reported
Docket Number: 09-87-0025
Complaint Issue Date: 03/17/1987
Abatement Amount: 0.0000
Proposed Penalty: 25000.0000
Final Assessment: 0.0000
Final Order Date: 08/06/1987
Close Date: / /
Violations(s): PCB, Label or Marking
PCB, Dispose
PCB, Storage
PCB, Failure to Maintain Records

17

**PACIFIC STATES STEEL CORP CODISPOSAL SIT
34863 MISSION BLVD.
UNION CITY, CA 94587**

**FINDS 1006834577
110013953043**

FINDS:

Other Pertinent Environmental Activity Identified at Site

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).

18

**E & L C CONSTRUCTION
35137 MISSION BLVD
FREMONT, CA 94536**

**HAZNET S103654825
N/A**

HAZNET:

Gepaid: CAL000177251
Contact: E & L C CONSTRUCTION CORP
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 467
Mailing City,St,Zip: ALAMO, CA 945070467
Gen County: 1
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 2.7105
Facility County: 1

MAP FINDINGS

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

18 T.C.T. INDUSTRIES INC
35133 MISSION BLVD
FREMONT, CA 94536
RCRA-SQG
HAZNET
1000141180
CAD982370116

RCRA-SQG:

Date form received by agency: 04/18/1988
Facility name: T.C.T. INDUSTRIES INC
Facility address: 35133 MISSION BLVD
FREMONT, CA 94536
EPA ID: CAD982370116
Mailing address: MISSION BLVD
FREMONT, CA 94536
Contact: ENVIRONMENTAL MANAGER
Contact address: 35133 MISSION BLVD
FREMONT, CA 94536
Contact country: US
Contact telephone: (415) 794-4179
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: L S JENSEN
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

T.C.T. INDUSTRIES INC (Continued)

1000141180

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
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

HAZNET:

Gepaid: CAD982370116
Contact: THOMAS C TODD
Telephone: 5107864196
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 20969 CABOT BLVD
Mailing City,St,Zip: HAYWARD, CA 945451530
Gen County: 1
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Recycler
Tons: .4587
Facility County: 1

Gepaid: CAD982370116
Contact: THOMAS C TODD
Telephone: 5107864196
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 20969 CABOT BLVD
Mailing City,St,Zip: HAYWARD, CA 945451530
Gen County: 1
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Tons: 1.1467
Facility County: 1

Gepaid: CAD982370116
Contact: THOMAS C TODD
Telephone: 5107864196
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 20969 CABOT BLVD
Mailing City,St,Zip: HAYWARD, CA 945451530
Gen County: 1
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 2.8437
Facility County: 1

Gepaid: CAD982370116
Contact: THOMAS C TODD
Telephone: 5107864196

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

T.C.T. INDUSTRIES INC (Continued)

1000141180

Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 20969 CABOT BLVD
Mailing City,St,Zip: HAYWARD, CA 945451530
Gen County: 1
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 2.2933
Facility County: 1

Gepaid: CAD982370116
Contact: THOMAS C TODD
Telephone: 5107864196
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 20969 CABOT BLVD
Mailing City,St,Zip: HAYWARD, CA 945451530
Gen County: 1
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Recycler
Tons: 1.3344
Facility County: 1

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

18

TC TODD CO
35133 MISSION BLVD
FREMONT, CA 94536

FINDS 1000415439
RCRA-NonGen CAD982010589

FINDS:

Other Pertinent Environmental Activity Identified at Site

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).

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.

RCRA-NonGen:

Date form received by agency: 07/01/1987
Facility name: TC TODD CO
Facility address: 35133 MISSION BLVD
FREMONT, CA 94536
EPA ID: CAD982010589
Contact: ENVIRONMENTAL MANAGER
Contact address: 35133 MISSION BLVD

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TC TODD CO (Continued)

1000415439

FREMONT, CA 94536

Contact country: US
Contact telephone: (415) 794-4177
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: THOMAS TODD
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

18 LA PURISIMA GOLF COURSE
35133 MISSION
FREMONT, CA 94536

HAZNET
Cortese
EMI

S103960323
N/A

HAZNET:

Gepaid: CAC001299504
Contact: DELUCCHI MANAGEMENT CORP
Telephone: 5104417190
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1211
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 2.2935
Facility County: 1

Cortese:

Region: CORTESE
Facility Addr2: Not reported

EMI:

Year: 1987
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 3182
Air District Name: BA
SIC Code: 1721
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: 5
Reactive Organic Gases Tons/Yr: 5
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: 1990
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 3182
Air District Name: BA
SIC Code: 1721
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

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LA PURISIMA GOLF COURSE (Continued)

S103960323

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 3182
Air District Name: BA
SIC Code: 1721
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 & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 3182
Air District Name: BA
SIC Code: 1721
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 & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 3182
Air District Name: BA
SIC Code: 1721
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 & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 3182
Air District Name: BA
SIC Code: 1721

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LA PURISIMA GOLF COURSE (Continued)

S103960323

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 & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 3182
Air District Name: BA
SIC Code: 1721
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 & Smllr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 3182
Air District Name: BA
SIC Code: 1721
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 & Smllr Tons/Yr: 0

19

PINE PROPERTY
35450 MISSION BLVD
FREMONT, CA 94536

SLIC S106234840
CDL N/A

SLIC:

Region: STATE
Global Id: SL0600169059
Assigned Name: SLICSITE
Lead Agency Contact: TED TRENHOLME
Lead Agency: ALAMEDA COUNTY WATER DISTRICT
Lead Agency Case Number: 0616
Responsible Party: Not reported
Recent Dtw: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PINE PROPERTY (Continued)

S106234840

Substance Released: Not reported
Facility Status: Case Closed

SLIC:

Region: 2
Facility ID: Not reported
Facility Status: Case Closed
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

CDL:

Facility ID: 199806050
Date: 1998-06-10 00:00:00
Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

Facility ID: 199806066
Date: 1998-06-12 00:00:00
Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

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**GABE PINE
35450 MISSION BLVD
FREMONT, CA 94536**

**HAZNET S103965467
N/A**

HAZNET:

Gepaid: CAC001172816
Contact: GABE PINE
Telephone: 9254474206
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3938 PRINCETON WAY
Mailing City,St,Zip: LIVERMORE, CA 945360000
Gen County: 1
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Transfer Station
Tons: .1000
Facility County: 1

Gepaid: CAC001172816
Contact: GABE PINE
Telephone: 9254474206
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3938 PRINCETON WAY

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GABE PINE (Continued)

S103965467

Mailing City,St,Zip: LIVERMORE, CA 945360000
Gen County: 1
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Liquids with pH <UN-> 2
Disposal Method: Transfer Station
Tons: .0100
Facility County: 1

Gepaid: CAC001172816
Contact: GABE PINE
Telephone: 9254474206
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3938 PRINCETON WAY
Mailing City,St,Zip: LIVERMORE, CA 945360000
Gen County: 1
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Tons: .0250
Facility County: 1

Gepaid: CAC001172816
Contact: GABE PINE
Telephone: 9254474206
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3938 PRINCETON WAY
Mailing City,St,Zip: LIVERMORE, CA 945360000
Gen County: 1
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .0250
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

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**BILL SEWARD
111 KING AVE
FREMONT, CA 94536**

**HAZNET S103952674
N/A**

HAZNET:
Gepaid: CAC002128664
Contact: BILL SEWARD
Telephone: 5107968713
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 148 KING AVE
Mailing City,St,Zip: FREMONT, CA 945360000
Gen County: 1
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Unspecified oil-containing waste

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BILL SEWARD (Continued)

S103952674

Disposal Method: Transfer Station
Tons: .9174
Facility County: 1

Gepaid: CAC002128664
Contact: BILL SEWARD
Telephone: 5107968713
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 148 KING AVE
Mailing City,St,Zip: FREMONT, CA 945360000
Gen County: 1
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: 0.442
Facility County: 1

Gepaid: CAC002128664
Contact: BILL SEWARD
Telephone: 5107968713
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 148 KING AVE
Mailing City,St,Zip: FREMONT, CA 945360000
Gen County: 1
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Tons: 0.221
Facility County: 1

21

ROBERT CATALUNA TRUCKING INC
185 KING AVE
FREMONT, CA 94536

FINDS 1000219355
CA FID UST CAD071690325
HIST UST
SWEEPS UST
RCRA-NonGen

FINDS:

Other Pertinent Environmental Activity Identified at 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.

CA FID UST:

Facility ID: 01000422
Regulated By: UTNKI
Regulated ID: 00010745
Cortese Code: Not reported
SIC Code: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ROBERT CATALUNA TRUCKING INC (Continued)

1000219355

Facility Phone: 4157965111
Mail To: Not reported
Mailing Address: 185 KING AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: FREMONT 94536
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

HIST UST:

Region: STATE
Facility ID: 00000010745
Facility Type: Other
Other Type: TRUCKING INC.
Total Tanks: 0008
Contact Name: PRES.
Telephone: 4157965111
Owner Name: ROBERT CATALUNU
Owner Address: 185 KING AVE.
Owner City,St,Zip: FREMONT, CA 94536

Tank Num: 001
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 004
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ROBERT CATALUNA TRUCKING INC (Continued)

1000219355

Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 005
Container Num: 1
Year Installed: 1966
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: 12 gauge
Leak Detection: Stock Inventor, 10

Tank Num: 006
Container Num: 2
Year Installed: 1984
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 007
Container Num: 3
Year Installed: 1984
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 008
Container Num: 4
Year Installed: 1984
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, 10

SWEEPS UST:

Status: Not reported
Comp Number: 10745
Number: Not reported
Board Of Equalization: 44-001272
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-010745-000001
Actv Date: Not reported
Capacity: 4000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: LEADED
Number Of Tanks: 8

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ROBERT CATALUNA TRUCKING INC (Continued)

1000219355

Status: Not reported
Comp Number: 10745
Number: Not reported
Board Of Equalization: 44-001272
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-010745-000002
Actv Date: Not reported
Capacity: 4000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10745
Number: Not reported
Board Of Equalization: 44-001272
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-010745-000003
Actv Date: Not reported
Capacity: 4000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10745
Number: Not reported
Board Of Equalization: 44-001272
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-010745-000004
Actv Date: Not reported
Capacity: 4000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10745
Number: Not reported
Board Of Equalization: 44-001272
Ref Date: Not reported
Act Date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ROBERT CATALUNA TRUCKING INC (Continued)

1000219355

Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-010745-000005
Actv Date: Not reported
Capacity: 550
Tank Use: OIL
Stg: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10745
Number: Not reported
Board Of Equalization: 44-001272
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-010745-000006
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10745
Number: Not reported
Board Of Equalization: 44-001272
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-010745-000007
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10745
Number: Not reported
Board Of Equalization: 44-001272
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-010745-000008
Actv Date: Not reported
Capacity: 10000

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ROBERT CATALUNA TRUCKING INC (Continued)

1000219355

Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

RCRA-NonGen:

Date form received by agency: 12/15/1980
Facility name: ROBERT CATALUNA TRUCKING INC
Facility address: 185 KING AVE
FREMONT, CA 94536
EPA ID: CAD071690325
Mailing address: KING AVE
FREMONT, CA 94536
Contact: ENVIRONMENTAL MANAGER
Contact address: 185 KING AVE
FREMONT, CA 94536
Contact country: US
Contact telephone: (415) 796-5111
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ROBERT CATALUNA
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: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ROBERT CATALUNA TRUCKING INC (Continued)

1000219355

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

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**ROBERT A CATALUNA
185 KING AVE
FREMONT, CA 94536**

**HAZNET S103984849
N/A**

HAZNET:

Gepaid: CAC001379768
Contact: ROBERT A CATALUNA
Telephone: 5106519961
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2201 WALNUT AVE STE 150
Mailing City,St,Zip: FREMONT, CA 945380000
Gen County: 1
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: .5000
Facility County: 1

Gepaid: CAC001379768
Contact: ROBERT A CATALUNA
Telephone: 5106519961
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2201 WALNUT AVE STE 150
Mailing City,St,Zip: FREMONT, CA 945380000
Gen County: 1
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 3.0000
Facility County: 1

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**INTERLOCKING TILE
500 KING AVE
FREMONT, CA 94536**

**LUST S101306425
Cortese N/A**

LUST:

Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: F
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

INTERLOCKING TILE (Continued)

S101306425

Global Id: T0600100734
Stop Date: 1985-08-13 00:00:00
Confirm Leak: 1985-11-04 00:00:00
Workplan: Not reported
Prelim Assess: 1986-09-02 00:00:00
Pollution Char: 1986-10-01 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2004-11-05 00:00:00
Discover Date: 1985-08-13 00:00:00
Enforcement Dt: Not reported
Release Date: 1985-08-13 00:00:00
Review Date: 2001-02-01 00:00:00
Enter Date: 1986-10-01 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 1
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: MICHAEL R. FORSUM
RP Address: 39180 LIBERTY STREET, SUITE 101
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: CCM
Staff Initials: EC
Lead Agency: Local Agency
Local Agency: 01099
Hydr Basin #: Niles Cone (2-9.01N)
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 0062
Case Number: 01-0798
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: CLOSURE REQUESTED. CURRENT MTBE DATA REQUESTED BY ACWD 2/1/01.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

INTERLOCKING TILE (Continued)

S101306425

LUST:

Region: 2
Facility Status: Pollution Characterization
Facility Id: 01-0798
Case Number: 0062
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 11/4/1985
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 9/2/1986
Pollution Characterization Began: 10/1/1986
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 500 KING AVE

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HOMER J. OLSEN, INC.
35500 OLSEN WY
UNION CITY, CA 94587

LUST S105481844
SWEEPS UST N/A

LUST:

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: F
Funding: Not reported
How Discovered: OM
How Stopped: Close Tank
Leak Cause: UNK
Leak Source: UNK
Global Id: T0600101892
Stop Date: 1994-02-23 00:00:00
Confirm Leak: 1992-05-19 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1995-04-20 00:00:00
Discover Date: 1994-02-23 00:00:00
Enforcement Dt: Not reported
Release Date: 1994-02-23 00:00:00
Review Date: Not reported
Enter Date: 1995-04-13 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: =
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 1
Org Name: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HOMER J. OLSEN, INC. (Continued)

S105481844

Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: ESTHER BOOKMAN
RP Address: 35500 OLSEN WY
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: CCM
Staff Initials: SDI
Lead Agency: Local Agency
Local Agency: 01099
Hydr Basin #: Niles Cone (2-9.01N)
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 0213
Case Number: 01-2047
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ARCHIVED 6/6/96 CONTROL NO 120-094 SRC 0904744

LUST:

Region: 2
Facility Status: Case Closed
Facility Id: 01-2047
Case Number: 0213
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 5/19/1992
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

SWEEPS UST:

Status: A
Comp Number: 44731
Number: 9
Board Of Equalization: 44-001417

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HOMER J. OLSEN, INC. (Continued)

S105481844

Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 01-011-044731-000001
Actv Date: 07-01-85
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: A
Comp Number: 44731
Number: 9
Board Of Equalization: 44-001417
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 01-011-044731-000002
Actv Date: 07-01-85
Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

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**HOMER J OLSEN INC
35500 OLSEN WAY
UNION CITY, CA 94587**

**HAZNET S103878977
N/A**

HAZNET:

Gepaid: CAL000127929
Contact: HOMER J OLSEN INC
Telephone: 5104891661
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2373 LINCOLN AVE
Mailing City,St,Zip: HAYWARD, CA 945403642
Gen County: 1
TSD EPA ID: CAD044003556
TSD County: Yolo
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 1.8765
Facility County: 1

Gepaid: CAL000127929
Contact: HOMER J OLSEN INC
Telephone: 5104891661
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2373 LINCOLN AVE
Mailing City,St,Zip: HAYWARD, CA 945403642
Gen County: 1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HOMER J OLSEN INC (Continued)

S103878977

TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Other
Tons: .6880
Facility County: 1

Gepaid: CAL000127929
Contact: HOMER J OLSEN INC
Telephone: 5104891661
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2373 LINCOLN AVE
Mailing City,St,Zip: HAYWARD, CA 945403642
Gen County: 1
TSD EPA ID: CAT080033681
TSD County: Los Angeles
Waste Category: Liquids with pH <UN-> 2
Disposal Method: Recycler
Tons: 0.1125
Facility County: 1

Gepaid: CAL000127929
Contact: HOMER J OLSEN INC
Telephone: 5104891661
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2373 LINCOLN AVE
Mailing City,St,Zip: HAYWARD, CA 945403642
Gen County: 1
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 1.2093
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

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HOMER J. OLSEN, GEN. CONTRACTOR
35500 OLSEN WAY
UNION CITY, CA 94587

HAZNET S103968160
N/A

HAZNET:
Gepaid: CAC001013840
Contact: HOMER J. OLSEN
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P.O. BOX 993
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Land Fill
Tons: .3500

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HOMER J. OLSEN, GEN. CONTRACTOR (Continued)

S103968160

Facility County: 1

Gepaid: CAC001013840
Contact: HOMER J. OLSEN
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P.O. BOX 993
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Incineration
Tons: .4170
Facility County: 1

Gepaid: CAC001013840
Contact: HOMER J. OLSEN
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P.O. BOX 993
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Treatment, Incineration
Tons: .4170
Facility County: 1

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**HOMER J OLSEN INC
35500 OLSEN
UNION CITY, CA 94587**

**HAZNET S102434665
Cortese N/A**

HAZNET:

Gepaid: CAC000899256
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 993
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD043260702
TSD County: San Mateo
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 1.6680
Facility County: 1

Gepaid: CAC000899256
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 993

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HOMER J OLSEN INC (Continued)

S102434665

Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Tons: 7.0000
Facility County: 1

Cortese:
Region: CORTESE
Facility Addr2: Not reported

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**HOMER J. OLSEN, INC.
35500 OLSEN WAY
UNION CITY, CA 94587**

**HIST UST U001598720
N/A**

HIST UST:
Region: STATE
Facility ID: 00000044731
Facility Type: Other
Other Type: CONSTRUCTION YARD
Total Tanks: 0002
Contact Name: MEL BAILEY
Telephone: 4154891661
Owner Name: HOMER J. OLSEN, INC.
Owner Address: 35500 OLSEN WAY
Owner City,St,Zip: UNION CITY, CA 94587

Tank Num: 001
Container Num: 1
Year Installed: 1981
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 4 inches
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1981
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 4 inches
Leak Detection: Visual, Stock Inventor

MAP FINDINGS

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

24	BEST S BLOCK INC 34840 ALVARADO NILES RD UNION CITY, CA 94587	FINDS LUST Cortese RCRA-NonGen	1000394451 CAD982512501
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FINDS:

Other Pertinent Environmental Activity Identified at 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.

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	F
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Corrosion
Leak Source:	Tank
Global Id:	T0600100636
Stop Date:	1987-10-11 00:00:00
Confirm Leak:	1985-04-01 00:00:00
Workplan:	1991-05-01 00:00:00
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1996-02-07 00:00:00
Discover Date:	1987-10-11 00:00:00
Enforcement Dt:	Not reported
Release Date:	1991-08-02 00:00:00
Review Date:	1996-11-08 00:00:00
Enter Date:	1993-07-10 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	1
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	TOM QUAGLIA
RP Address:	ONE ALMEDEN BLVD, SUITE 705
Interim:	Yes
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BEST S BLOCK INC (Continued)

1000394451

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: CCM
Staff Initials: SZ
Lead Agency: Local Agency
Local Agency: 01099
Hydr Basin #: Niles Cone (2-9.01N)
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 0173
Case Number: 01-0691
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ARCHIVED 6/6/96 CONTROL NO 120-079 SRC 0904729

LUST:

Region: 2
Facility Status: Case Closed
Facility Id: 01-0691
Case Number: 0173
How Discovered: Tank Closure
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 4/1/1985
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 5/1/1991
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

Cortese:

Region: CORTESE
Facility Addr2: 34840 ALVARADO NILES RD

RCRA-NonGen:

Date form received by agency: 08/30/1995
Facility name: BEST'S BLOCK INC
Facility address: 34840 ALVARADO NILES RD
UNION CITY, CA 94587
EPA ID: CAD982512501
Mailing address: 2350 ROYAL OAKS DR
ALAMO, CA 94507
Contact: KEN BEST
Contact address: 34840 ALVARADO NILES RD
UNION CITY, CA 94587

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BEST S BLOCK INC (Continued)

1000394451

Contact country: US
Contact telephone: (415) 471-1111
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: HBB HOLDING CO
Owner/operator address: 34840 ALVARADO NILES RD
UNION CITY, CA 94507

Owner/operator country: Not reported
Owner/operator telephone: (408) 999-0132
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

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CHMIRS S100280061
N/A

34840 ALVARADO-NILES ROAD
UNION CITY, CA 94587

CHMIRS:

OES Incident Number: 9099564
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 27-SEP-90
Date Completed: 27-SEP-90
Property Use: 936
Agency Id Number: 1715
Agency Incident Number: UNKNOWN
Time Notified: 1630
Time Completed: 2030
Surrounding Area: 400
Estimated Temperature: 70
Property Management: P
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personnel # Of Decontaminated: 0
Responding Agency Personnel # Of Injuries: 0
Responding Agency Personnel # Of Fatalities:0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: UNKNOWN
Report Date: 02-OCT-90
Comments: Y
Facility Telephone: 415 271-4320
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: Not reported
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S100280061

E Date: 10-JUN-91
Substance: Not reported
Quantity Released: Not reported
BBLs: Not reported
Cups: Not reported
CUFT: Not reported
Gallons: Not reported
Grams: Not reported
Pounds: Not reported
Liters: Not reported
Ounces: Not reported
Pints: Not reported
Quarts: Not reported
Sheen: Not reported
Tons: Not reported
Unknown: Not reported
Description: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported
Description: Not reported

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**PUBLIC SERVICES CENTER
34900 ALVARADO-NILES ROAD
UNIO CITY, CA 94587**

**HIST UST U001598733
N/A**

HIST UST:

Region: STATE
Facility ID: 00000057432
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: TOM ROTHMAN
Telephone: 4154713232
Owner Name: CITY OF UNION CITY
Owner Address: 34009 ALVARADO-NILES ROAD
Owner City,St,Zip: UNIO CITY, CA 94587

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PUBLIC SERVICES CENTER (Continued)

U001598733

Year Installed: Not reported
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

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PUBLIC SERVICES CENTER
34900 ALVARADO-NILES RD
UNION CITY, CA 94587

HAZNET S104569900
SWEEPS UST N/A

HAZNET:

Gepaid: CAC002597876
Contact: MATT ARNOLD
Telephone: 9258669222
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 12647 ALCOSTA BLVD STE 190
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Alameda
TSD EPA ID: CAT080033681
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.66
Facility County: Not reported

Gepaid: CAC002116224
Contact: RYLAND HOMES
Telephone: 9258669222
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 12647 ALCOSTA BLVD STE 190
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: 1
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Tons: 3
Facility County: 1

Gepaid: CAC002583048
Contact: CHAD KILTZ
Telephone: 9253272336
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 12647 ALCOSTA BLVD STE 190
Mailing City,St,Zip: SAN RAMON, CA 945830000

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PUBLIC SERVICES CENTER (Continued)

S104569900

Gen County: Alameda
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.22
Facility County: Not reported

SWEEPS UST:

Status: A
Comp Number: 57432
Number: 9
Board Of Equalization: 44-001436
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 01-011-057432-000001
Actv Date: 07-01-85
Capacity: 2000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: 5

Status: A
Comp Number: 57432
Number: 9
Board Of Equalization: 44-001436
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 01-011-057432-000002
Actv Date: 07-01-85
Capacity: 4000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Status: A
Comp Number: 57432
Number: 9
Board Of Equalization: 44-001436
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 01-011-057432-000003
Actv Date: 07-01-85
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PUBLIC SERVICES CENTER (Continued)

S104569900

Content:	REG UNLEADED
Number Of Tanks:	Not reported
Status:	A
Comp Number:	57432
Number:	9
Board Of Equalization:	44-001436
Ref Date:	07-01-85
Act Date:	Not reported
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	4
Swrcb Tank Id:	01-011-057432-000004
Actv Date:	07-01-85
Capacity:	500
Tank Use:	OIL
Stg:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported
Status:	A
Comp Number:	57432
Number:	9
Board Of Equalization:	44-001436
Ref Date:	07-01-85
Act Date:	Not reported
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	01-011-057432-000005
Actv Date:	10-23-90
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	Not reported

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UNION CITY CORPORATE YARD
34900 ALVARADO NILES RD
UNION CITY, CA 94587

HAZNET S103993148
N/A

HAZNET:

Gepaid:	CAC001488088
Contact:	RYLAND HOMES
Telephone:	9258669222
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12647 ALCOSTA BLVD STE 190
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	1
TSD EPA ID:	CAD099452708
TSD County:	Los Angeles
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	4.7955
Facility County:	1
Gepaid:	CAC001488088

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNION CITY CORPORATE YARD (Continued)

S103993148

Contact: RYLAND HOMES
Telephone: 9258669222
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 12647 ALCOSTA BLVD STE 190
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: 1
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 8.5000
Facility County: 1

Gepaid: CAC001488088
Contact: RYLAND HOMES
Telephone: 9258669222
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 12647 ALCOSTA BLVD STE 190
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: 1
TSD EPA ID: CAD981382732
TSD County: 1
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 1.6856
Facility County: 1

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**RYLAND HOMES (FORMER U. C. CORP YARD)
34900 ALVARADO NILES RD
UNION CITY, CA 94587**

**HAZNET S100932716
LUST N/A
Cortese**

HAZNET:

Gepaid: CAD980884480
Contact: CITY OF UNION CITY
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34900 ALVARADO NILES RD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 5.3750
Facility County: 1

Gepaid: CAD980884480
Contact: CITY OF UNION CITY
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 34900 ALVARADO NILES RD
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD028409019

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RYLAND HOMES (FORMER U. C. CORP YARD) (Continued)

S100932716

TSD County:	Los Angeles
Waste Category:	Unspecified aqueous solution
Disposal Method:	Transfer Station
Tons:	.1584
Facility County:	1
Gepaid:	CAD980884480
Contact:	CITY OF UNION CITY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	34900 ALVARADO NILES RD
Mailing City,St,Zip:	UNION CITY, CA 945870000
Gen County:	1
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method:	Transfer Station
Tons:	2.2935
Facility County:	1
Gepaid:	CAD980884480
Contact:	CITY OF UNION CITY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	34900 ALVARADO NILES RD
Mailing City,St,Zip:	UNION CITY, CA 945870000
Gen County:	1
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Organic liquids with metals Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Transfer Station
Tons:	.9174
Facility County:	1
Gepaid:	CAD980884480
Contact:	CITY OF UNION CITY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	34900 ALVARADO NILES RD
Mailing City,St,Zip:	UNION CITY, CA 945870000
Gen County:	1
TSD EPA ID:	CAD099452708
TSD County:	Los Angeles
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	1.3761
Facility County:	1

[Click this hyperlink](#) while viewing on your computer to access 23 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RYLAND HOMES (FORMER U. C. CORP YARD) (Continued)

S100932716

LUST:

Region: STATE
 Case Type: Other ground water affected
 Cross Street: Not reported
 Enf Type: F
 Funding: Not reported
 How Discovered: Tank Closure
 How Stopped: Not reported
 Leak Cause: Structure Failure
 Leak Source: Tank
 Global Id: T0600100382
 Stop Date: 1985-08-07 00:00:00
 Confirm Leak: 1985-08-07 00:00:00
 Workplan: Not reported
 Prelim Assess: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Discover Date: 1985-08-07 00:00:00
 Enforcement Dt: Not reported
 Release Date: 1985-08-07 00:00:00
 Review Date: 2000-04-14 00:00:00
 Enter Date: 1985-08-07 00:00:00
 MTBE Date: 1965-01-02 00:00:00
 GW Qualifier: =
 Soil Qualifier: =
 Max MTBE GW ppb: 1800
 Max MTBE Soil ppb: Not reported
 County: 1
 Org Name: Not reported
 Reg Board: San Francisco Bay Region
 Status: Leak being confirmed
 Chemical: Gasoline
 Contact Person: Not reported
 Responsible Party: RAVI NANDWANA
 RP Address: 167 FILBERT STREET
 Interim: Yes
 Oversight Prgm: LUST
 MTBE Class: B
 MTBE Conc: 2
 MTBE Fuel: 1
 MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
 Staff: CCM
 Staff Initials: EC
 Lead Agency: Local Agency
 Local Agency: 01099
 Hydr Basin #: Niles Cone (2-9.01N)
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: No
 Local Case #: 0137
 Case Number: 01-0420
 Qty Leaked: Not reported
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RYLAND HOMES (FORMER U. C. CORP YARD) (Continued)

S100932716

approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ALSO ACWD LEAD SLIC CASE 0525

LUST:

Region: 2
Facility Status: Leak being confirmed
Facility Id: 01-0420
Case Number: 0137
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 8/7/1985
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

Cortese:

Region: CORTESE
Facility Addr2: 34900 ALVARADO NILES RD

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**UNION CITY CITY OF
34900 ALVARADO NILES RD
UNION CITY, CA 94587**

**FINDS 1000336456
SLIC CAD980884480
RCRA-NonGen**

FINDS:

Other Pertinent Environmental Activity Identified at 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.

SLIC:

Region: STATE
Global Id: SL0600104857
Assigned Name: SLICSITE
Lead Agency Contact: STEVEN D. INN
Lead Agency: ALAMEDA COUNTY WATER DISTRICT
Lead Agency Case Number: 0525
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: Not reported
Facility Status: Case Closed

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNION CITY CITY OF (Continued)

1000336456

SLIC:

Region: 2
Facility ID: Not reported
Facility Status: Case Closed
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

RCRA-NonGen:

Date form received by agency: 06/07/1999
Facility name: UNION CITY CITY OF
Facility address: 34900 ALVARADO NILES RD
UNION CITY, CA 94587
EPA ID: CAD980884480
Mailing address: 34009 ALVARADO NILES RD
UNION CITY, CA 94587
Contact: PHILIP SACHS
Contact address: 34900 ALVARADO NILES RD
UNION CITY, CA 94587
Contact country: US
Contact telephone: (510) 471-3232
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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: 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

MAP FINDINGS

Map ID
Direction
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UNION CITY CITY OF (Continued)

1000336456

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 09/01/1996
Facility name: UNION CITY CITY OF
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 12/06/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

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PACIFIC STATES STEEL
35124 ALVARADO-NILES ROAD
UNION CITY, CA 94587

CA BOND EXP. PLAN
RESPONSE
DEED
ENVIROSTOR
HIST Cal-Sites

S100833250
N/A

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: The RP, through the U.S. District Court, is in compliance with an order issued by DHS. Proceeds from the sale of uncontaminated portions of the site will be used to finance RI/FS and cleanup activities. DHS has budgeted \$100,000 for direct costs related to the project. DHS will recover 100 percent of direct costs plus staff costs and overhead related to the project. The RP will pay all costs associated with RI/FS and cleanup activities.
Site Description: A steel manufacturing facility existed at the site from 1935 to 1978. Slag piles and evaporation ponds remain at the site.
Hazardous Waste Desc: Heavy metals (cadmium, chromium, nickel, lead, and zinc), oils and total petroleum hydrocarbon have been detected in slag piles and ponds onsite. Transformers and capacitors containing polychlorinated biphenyl (PCBs) and asbestos material are found onsite.
Threat To Public Health & Env: Contaminants at the site may migrate offsite via wind dispersion, surface runoff and ground water transport, resulting in a adverse impact on

MAP FINDINGS

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PACIFIC STATES STEEL (Continued)

S100833250

Site Activity Status: human/animal health and the environment.
Pacific States Steel is in receivership under the federal court. The affairs of Pacific States Steel are handled by an appointee of the U.S. District Court. Limited site sampling has been conducted by DHS and Pacific States Steel. Under their reorganization plan, the court has entered into a consent decree with DHS to comply with our remedial action order.

AWP:

AWP Facility ID: 01330031
Region Code: 2
Region: BERKELEY
SMBR Branch Code: NC
SMBR Branch Unit: NORTH COAST
Site Name.: Not reported
Current Status Date: 12301993
Current Status: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: responsible party
Awp Site Type: RESPONSIBLE PARTY
NPL: Not Listed
Tier Of AWP Site: Not reported
Source Of Funding: Not reported
Responsible Staff Member: HATIQUEE
Supervisor Responsible: Not reported
SIC Code: 33
Facility SIC: MANU - PRIMARY METAL INDUSTRIES
RWQCB Code: SF
RWQCB Associated With Site: SAN FRANCISCO BAY
Site Access Controlled: Not reported
Site Listed HWS List: Not reported
Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Of Contamination Sources: 0
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Description Of Entity: Not reported
State Assembly Distt Code: 20
State Senate District: 10

RESPONSE:

Facility ID: 01330031
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 62.6
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, ALAMEDA COUNTY WATER DISTRICT, CITY OF UNION CITY
Lead Agency: SMBRP
Lead Agency Description: Not reported
Project Manager: JOVANNE VILLAMATER
Supervisor: Mark Piros
Division Branch: North Coast
Site Code: 200073
Assembly: 20

MAP FINDINGS

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PACIFIC STATES STEEL (Continued)

S100833250

Senate: 10
Special Program Status: Not reported
Status: Certified / Operation & Maintenance
Status Date: 2006-09-22 00:00:00
Restricted Use: YES
Funding: Responsible Party
Latitude: 37.58435
Longitude: -122.011138888889
Alias Name: 087-0017-001
087-0017-002
087-0011-006
087-0017-001, 087-0017-002, 087-0011-006
PACIFIC STATES STEEL
200073
CAD980363030
P21046
01330031
087-0017-001, 087-0017-002, 087-0011-006
Alias Type: APN
APN
APN
APN
APN
Project Code (Site Code)
EPA Identification Number
PCode
Envirostor ID Number
Alternate Name
APN: 087-0017-001, 087-0017-002, 087-0011-006 , 087-0017-001, 087-0017-002, 087-0011-006 , 087-0017-002
APN Description: Not reported
APN Description: Not reported
APN Description: Not reported
APN Description: Not reported
APN Description: Not reported
APN Description: Not reported
APN Description: Not reported
APN Description: Not reported
APN Description: Not reported
Comments: Approved ESD which updated soil cleanup values and required consolidation of material onto the North side of the property.Completed RA. Demolition of abandoned buildings on site and removal of non-hazardous scrap metal from this operations.Completed RA. 2,290 tons of bricks contaminated with asbestos were removed from the Site and disposed at an approved disposal facility.Completed RA. A 500 gallon above ground fuel tank was removed and disposed at an approved disposal facility.Approval of the report documenting destruction of eight wells. Work overseen by the Alameda County Water District.Removal of 825 unlabeled drums, 450 PCB capacitors, and several large PCB transformers from the Site. U.S. EPA conducted this removal activity.DTSC issued a letter approving the Final Waste Consolidation Area Parcel Remedial Action Completion Report.DTSC approved the Final Groundwater Monitoring Plan that specifies the location of monitoring wells that will be used for long-term monitoring and outlines the sampling requirements.KB has repaired damages to cap.DTSC approved report. The approval also modified the ongoing groundwater monitoring program by eliminating testing for metals in MW - 24 and TPH and BTEX in MW -25.Fact Sheet was issued

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PACIFIC STATES STEEL (Continued)

S100833250

announcing the public comment period for the draft Remedial Action Workplan. DTSC used the City prepared EIR document for the Decoto Industrial Park Study Area. Public notice announcing the public comment and a public meeting for the draft Remedial Action Plan. Removal Report regarding mobilization and ultimate removal of bunker C oil. This plan updates the original plan issued in 1989. The report confirmed the lateral and vertical distribution of slag and location of clean fill on site which will assist the finalization of the final design packet. This report was prepared by Caltrans as part of their evaluation of the proposed Route 84 Realignment. Approved report. No change from the 3rd quarter report. WCA Inspection report approved. Approval Letter dated October 30, 2007. DTSC signed the certification of the completion of the final remedial action. DTSC used the EIR prepared by the City of Union City for the Decoto Industrial Park Study Area. The city certified by resolution 8384-94 the EIR on August 2, 1994. The EIR consider the same mitigation measures for the Pacific States Steel Site that DTSC issued an IS & E Determination for the entire site. The covers a drum removal required. The Special Masters would not make a commitment to remove them. The Court approved an amended Consent Decree between DTSC and Pacific States Steel Corporation for the investigation and cleanup of the Site. The Court administrative objectives include remediation and redevelopment of the Site so funds can be generated between DTSC and the City of Union City. Covers portion of 11th Street where slag remains at 7.75 or more below the as-built surface grade. The cap consists of compacted clay 7.75 feet thick. The agreement covers the inspection and required maintenance of the cap on the Waste Consolidation Area. DTSC issued a Remedial Action Order to Pacific States Steel and the Special Master for the Site. The amendment notes that the 1/28/1988 RAO and the Consent Decree in the U.S. District Court Action comprise the consent order for the Department. Signed Consent decree between Special Master and DHS regarding this Site. Amendment includes requirements specific to the Phase I parcel. Court Order Approving Amended and Reorganization Plan for the Site. Court approved reorganization plan which allowed site remediation to begin. This is the final remedial action plan for Phase II. The public comment period covered from September 13, 1994 through October 12, 1994. Public meeting was held on October 5, 1994. The plan requires off-site disposal of some period, on-site treatment. Completed RA. Cleanup, backfilling, and grading were completed on the proposed Highway 84 right-of-way. Phase IIb Townhome Area. Remediation and Grading Completed. Remedial Design and Implementation Plan approved. Completed RA. Cleanup, backfilling, and grading were completed on the southern parcel of the Site. Using Eastin Grant Funding, non-hazardous wastes were removed from the site. These included 8100 tons of bricks which were recycled as road base, 4550 tons of wood recycled as cogeneration fuel, 3086 tons of concrete recycled as road base, 1388 tons. The removal of 10,000 cubic yards of bricks which were recycled into road base. Another 300 cubic yards of bricks were shipped off-site as hazardous waste due to lead levels. The decontamination and demolition of the precipitator and cooling towers and the car-crushing building. Asbestos pipe and insulating material were also removed. The removal of two above ground tanks used to store sulfuric acid, other tanks, and drums found on-site containing hazardous substances. Four above ground tanks, contaminated bunker C and diesel oil were shipped off-site. Sumps containing 55,000 gallons of contaminated water was sent off-site for

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PACIFIC STATES STEEL (Continued)

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recycling.The removal of PCBs including the draining of oil from ten transformers from the precipitator and cooling tower. The transformers plus fifteen drums of PCBs were disposed offsite.Removal of tank bottoms from a bunker C oil tank.Completed RA. 33,263 cubic yards of slag, soil, and debris were removed from a strip of land owned by PG&E adjoining the site and disposed on the Phase III property.Completed RA. 10,562 cubic yards of slag, soil, and debris were removed from a parcel of land adjoining the PSSC site and disposed on the Phase III property.This report documents remedial investigation conducted at Phase I and Phase II of the Site. It also includes a description of the removal actions undertaking at the sites.Fence and posting around an area where residual PCB contamination remains in soils at the Site.Removal of 1000 square feet of loose tin metal roofing.Construction of 1500 feet of fence around the former cooling pond.Installation of 10,000 linear feet of fencing and posting of signs every 195 feet.Completed RA. Remediation and grading of the 11th Street right-of-way was completed.Approved final O&M Plan for the engineered cap, site access, and surface water control components.A KB Home subcontractor damaged a section of the WCA Cap during installation of a sanitary sewer line. DTSC required that KB Home repair the cap.DTSC approved the Final Waste Consolidation Area-Cap Breach Repair Report which documents the repair of damage to the vegetated soil cover, underlying geosynthetic layers, and concrete surface water drainage ditch which was caused by a contractor inFact Sheet issued announcing upcoming interim measures.Last well, MW-27, was sampled today.Approved changing chromium cleanup level from 69 to 89 mg/kg.Fact SheetThe land surveyor report describing the location of the 2 monuments is forthcoming. The City is working on the M-Channelwhich has resulted in a temporary installation of a chain link fence. this work is expected to be completed by mid-October.the Department approved in the Remedial Action Plan for this Site.rated to pay for the pension benefits of the former steelworkers.stalling a sanitary sewer line.s of wood impacted soil for use as fill material, 1,500,000 railroad ties recycled by railroad or used as fuel, and 9000 ties.ent of oil contaminated material and consolidation of slag type material.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 1994-11-14 00:00:00
Completed Area Name: Route 84 Right-of-Way
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2004-07-22 00:00:00
Completed Area Name: Phase IIb Residential Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2005-05-27 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design
Completed Date: 2002-06-20 00:00:00
Completed Area Name: Phase I Southern Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2004-06-18 00:00:00

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PACIFIC STATES STEEL (Continued)

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1996-04-05 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1996-03-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1996-03-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1996-03-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1996-03-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1996-03-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1995-04-12 00:00:00
Completed Area Name: PG&E Strip
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1995-02-07 00:00:00
Completed Area Name: Delucchi Property
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1995-02-07 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 1994-08-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-12-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-12-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-12-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 1991-06-28 00:00:00
Completed Area Name: 11th Street Right-of-Way

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PACIFIC STATES STEEL (Continued)

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Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2004-12-10 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 2006-01-06 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Workplan
Completed Date: 2005-10-24 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2006-09-13 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1992-01-28 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 2006-06-27 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan w/ESD (RAP)
Completed Date: 2003-10-20 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 2003-06-01 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2007-08-03 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 1989-07-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan w/ESD (RAP)
Completed Date: 2002-04-18 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1995-04-11 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1993-08-24 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1993-07-16 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

MAP FINDINGS

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PACIFIC STATES STEEL (Continued)

S100833250

Completed Document Type: Removal Action Completion Report
Completed Date: 1991-10-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-01-10 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2006-03-27 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 2006-03-17 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 2006-06-09 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2006-11-07 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1994-08-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 1994-09-13 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1992-09-10 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 2002-06-03 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 2001-07-27 00:00:00
Completed Area Name: Route 84 Right-of-Way
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 2001-08-22 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 2006-08-10 00:00:00
Completed Area Name: King Avenue Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 1987-10-29 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report

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Map ID
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EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

Completed Date: 2007-02-16 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2007-06-08 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2007-02-28 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2007-05-21 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 2007-11-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 2006-09-22 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Environmental Impact Report
Completed Date: 1994-11-14 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 1992-10-22 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of non-compliance
Completed Date: 1990-07-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 1988-11-10 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1980-03-11 00:00:00
Completed Area Name: 11th Street Right-of-Way
Completed Sub Area Name: Not reported
Completed Document Type: Deed Restriction / Land Use Covenant
Completed Date: 2006-03-24 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Deed Restriction / Land Use Covenant
Completed Date: 2006-04-28 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 2006-05-11 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 2006-08-22 00:00:00

MAP FINDINGS

Map ID
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EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, EPA AO)
Completed Date: 1988-03-28 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 1988-09-20 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 1988-11-02 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 1991-12-11 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Settlements/Decrees
Completed Date: 1995-12-22 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Settlements/Decrees
Completed Date: 2003-06-13 00:00:00
Confirmed: 40001,30472,30018,30024,30108,30001,30013,3002502
Confirmed Description: Not reported
Confirmed Description: Polynuclear aromatic hydrocarbons (PAHs)
Confirmed Description: Polychlorinated biphenyls (PCBs)
Confirmed Description: TPH-diesel
Confirmed Description: Cadmium and compounds
Confirmed Description: Arsenic
Confirmed Description: Lead
Confirmed Description: TPH-MOTOR OIL
Future Area Name: Waste Consolidation Area
Future Sub Area Name: Not reported
Future Document Type: Long Term Monitoring Report
Future Due Date: 2008
Media Affected: AQUI, SOIL
Media Affected Desc: Aquifer used for drinking water supply affected
Media Affected Desc: Soil
Management Required: REM, DAY, ELD, HOS, LUC, NOWN, NDAM, NUSE, NDEV, NSUB, EXT, HS, SCH, FOOD, COV, RES, R
Management Required Desc: Activities prohibited which disturb the remedy and monitoring systems without approval
Management Required Desc: Day care center prohibited
Management Required Desc: Elder Care Center Prohibited
Management Required Desc: Hospital use prohibited
Management Required Desc: Land Use covenant
Management Required Desc: Notify after change of property owner
Management Required Desc: Notify damages to remedy and monitoring systems upon discovery
Management Required Desc: Notify prior to change in land use
Management Required Desc: Notify prior to development
Management Required Desc: Notify prior to subsurface work
Management Required Desc: Only extraction of groundwater for site remediation permitted
Management Required Desc: Perform H&S Plan prior to subsurface work
Management Required Desc: Public or private school for persons under 21 prohibited
Management Required Desc: Raising of food prohibited
Management Required Desc: Requires surface covers

MAP FINDINGS

Map ID
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EDR ID Number

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PACIFIC STATES STEEL (Continued)

S100833250

Management Required Desc: Residence use prohibited
Management Required Desc: Activities prohibited which disturb the remedy and monitoring systems without approval
Management Required Desc: Day care center prohibited
Management Required Desc: Elder Care Center Prohibited
Management Required Desc: Hospital use prohibited
Management Required Desc: Land Use covenant
Management Required Desc: No Excavation or activities which disturb the soil at any depth without approval
Management Required Desc: Notify after change of property owner
Management Required Desc: Notify damages to remedy and monitoring systems upon discovery
Management Required Desc: Notify prior to change in land use
Management Required Desc: Notify prior to development
Management Required Desc: Notify prior to subsurface work
Management Required Desc: Only extraction of groundwater for site remediation permitted
Management Required Desc: Perform H&S Plan prior to subsurface work
Management Required Desc: Public or private school for persons under 21 prohibited
Management Required Desc: Raising of food prohibited
Management Required Desc: Requires surface covers
Potential: 30001, 40001, 30013, 30018, 30024, 3002502, 30108, 30472
Potential Description: Arsenic
Potential Description: Not reported
Potential Description: Lead
Potential Description: Polychlorinated biphenyls (PCBs)
Potential Description: TPH-diesel
Potential Description: TPH-MOTOR OIL
Potential Description: Cadmium and compounds
Potential Description: Polynuclear aromatic hydrocarbons (PAHs)
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
PastUse: MANUFACTURING - METAL
MANUFACTURING - METAL

Facility ID: 01330042
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 16.6
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: Not reported
Project Manager: MARK PIROS
Supervisor: Mark Piros
Division Branch: North Coast
Site Code: 200073
Assembly: 20
Senate: 10
Special Program Status: Not reported
Status: Certified
Status Date: 1993-12-30 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 37.5838888888889
Longitude: -122.01
Alias Name: East Parcel

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

01330042
CAD 980363030
P21046
200073
Alias Type: Alternate Name
Envirostor ID Number
Project Code (Site Code)
PCode
EPA Identification Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: An estimated 90,000 cubic yards of soil contaminated with slag and 11,000 cubic yards of soil contaminated with petroleum hydrocarbons were removed and disposed off-site. Phase II was cleaned to background levels of metals (See Pacific States Steel Issued Final Determination of Non-Compliance. Fencing of Phase II property completed on 6/6/1991. DTSC Report of Completion documenting completion of work signed on 6/28/1991. Completed Focused RIFS for Phase II. The slag contains elevated levels of metals including zinc, copper, lead, cadmium, chromium and nickel. The report documents the abandonment of 4 monitoring wells on site. Report present sampling results for this 4.68 acres located at the corner of Mission Blvd and 7th Street. Certified Site. Negative Declaration approved. Completed Public Participation Plan. Issued Consent Order. Phases II and III are the two parcels affected by Consent Decree Number C-82-4209 MHP. The Court administration objectives include 1) cleanup of all parcels to appropriate levels and 2) develop all parcels for productive uses. Site Discovery. The investigation was conducted to evaluate further the hydrogeology and organic and inorganic contamination of the soil and groundwater beneath the site, possible contamination in a background well and potential for contamination in groundwater. The investigation was conducted to perform a preliminary evaluation of the hydrogeology and the potential organic and inorganic contamination of the soil and groundwater beneath the site. The investigation was conducted to evaluate the potential inorganic and organic contaminants in the shallow soil at the site. so funds can be generated to pay for the pension benefits of the former steel workers of the steel manufacturing plant. Phase III for more information). Soil background was used as the site cleanup goal. Groundwater monitoring is required as Operation and Maintenance and is still ongoing.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Investigation/Characterization Report
Completed Date: 1989-01-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Investigation/Characterization Report
Completed Date: 1988-11-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Investigation/Characterization Report
Completed Date: 1987-10-29 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-06-28 00:00:00

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 1989-07-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1993-12-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 1992-04-09 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1998-09-25 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 1988-11-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 1993-12-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 1992-03-09 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of non-compliance
Completed Date: 1990-07-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Settlements/Decrees
Completed Date: 1988-11-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1980-03-11 00:00:00
Confirmed: 30013
Confirmed Description: Lead
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: SOIL
Media Affected Desc: Soil
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30013
Potential Description: Lead
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
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

PastUse: MANUFACTURING - METAL
MANUFACTURING - METAL

DEED:

Area: 11TH STREET RIGHT-OF-WAY
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Deed Date(s): 3/24/2006

Area: WASTE CONSOLIDATION AREA
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Deed Date(s): 4/28/2006

ENVIROSTOR:

Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 62.6
NPL: NO
Regulatory Agencies: SMBRP, ALAMEDA COUNTY WATER DISTRICT, CITY OF UNION CITY
Lead Agency: SMBRP
Program Manager: JOVANNE VILLAMATER
Supervisor: Mark Piros
Division Branch: North Coast
Facility ID: 01330031
Site Code: 200073
Assembly: 20
Senate: 10
Special Program: Not reported
Status: Certified / Operation & Maintenance
Status Date: 2006-09-22 00:00:00
Restricted Use: YES
Funding: Responsible Party
Latitude: 37.58435
Longitude: -122.011138888889

Alias Name: 087-0017-001
087-0017-002
087-0011-006
087-0017-001, 087-0017-002, 087-0011-006
PACIFIC STATES STEEL
200073
CAD980363030
P21046
01330031
087-0017-001, 087-0017-002, 087-0011-006

Alias Type: APN
APN
APN
APN
APN
Project Code (Site Code)
EPA Identification Number
PCode
Envirostor ID Number

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

APN:	Alternate Name
APN Description:	087-0017-001, 087-0017-002, 087-0011-006 , 087-0017-001, 087-0017-002, 087-0011-006 , 087-0017-002
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
Comments:	<p>Approved ESD which updated soil cleanup values and required consolidation of material onto the North side of the property. Completed RA. Demolition of abandoned buildings on site and removal of non-hazardous scrap metal from this operations. Completed RA. 2,290 tons of bricks contaminated with asbestos were removed from the Site and disposed at an approved disposal facility. Completed RA. A 500 gallon above ground fuel tank was removed and disposed at an approved disposal facility. Approval of the report documenting destruction of eight wells. Work overseen by the Alameda County Water District. Removal of 825 unlabeled drums, 450 PCB capacitors, and several large PCB transformers from the Site. U.S. EPA conducted this removal activity. DTSC issued a letter approving the Final Waste Consolidation Area Parcel Remedial Action Completion Report. DTSC approved the Final Groundwater Monitoring Plan that specifies the location of monitoring wells that will be used for long-term monitoring and outlines the sampling requirements. KB has repaired damages to cap. DTSC approved report. The approval also modified the ongoing groundwater monitoring program by eliminating testing for metals in MW - 24 and TPH and BTEX in MW -25. Fact Sheet was issued announcing the public comment period for the draft Remedial Action Workplan. DTSC used the City prepared EIR document for the Decoto Industrial Park Study Area. Public notice announcing the public comment and a public meeting for the draft Remedial Action Plan. Removal Report regarding mobilization and ultimate removal of bunker C oil. This plan updates the original plan issued in 1989. The report confirmed the lateral and vertical distribution of slag and location of clean fill on site which will assist the finalization of the final design packet. This report was prepared by Caltrans as part of their evaluation of the proposed Route 84 Realignment. Approved report. No change from the 3rd quarter report. WCA Inspection report approved. Approval Letter dated October 30, 2007. DTSC signed the certification of the completion of the final remedial action. DTSC used the EIR prepared by the City of Union City for the Decoto Industrial Park Study Area. The city certified by resolution 8384-94 the EIR on August 2, 1994. The EIR consider the same mitigation measures for the Pacific States Steel Site that DTSC issued an IS & E Determination for the entire site. The covers a drum removal required. The Special Masters would not make a commitment to remove them. The Court approved an amended Consent Decree between DTSC and Pacific States Steel Corporation for the investigation and cleanup of the Site. The Court administrative objectives include remediation and redevelopment of the Site so funds can be generated between DTSC and the City of Union City. Covers portion of 11th Street where slag remains at 7.75 or more below the as-built surface grade. The cap consists of compacted clay 7.75 feet thick. The agreement covers the inspection and required maintenance of the cap on the Waste</p>

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

Consolidation Area.DTSC issued a Remedial Action Order to Pacific States Steel and the Special Master for the Site.The amendment notes that the #28/1988 RAO and the Consent Decree in the U.S. District Court Action comprise the consent order for the Department.Signed Consent decree between Special Master and DHS regarding this Site.Amendment includes requirements specific to the Phase I parcelCourt Order Approving Amended and Reorganization Plan for the SiteCourt approved reorganization plan which allowed site remediation to begin.This is the final remedial action plan for Phase II. The public comment period covered from September 13, 1994 through October 12, 1994. Public meeting was held on October 5, 1994. The plan requires off-site disposal of some period, on-site treatmCompleted RA. Cleanup, backfilling, and grading were completed on the proposed Highway 84 right-of-way.Phase IIb Townhome Area. Remediation and Grading Completed.Remedial Design and Implementation Plan approvedCompleted RA. Cleanup, backfilling, and grading were completed on the southern parcel of the Site.Using Eastin Grant Funding, non-hazardous wastes were removed from the site. These included 8100 tons of bricks which were recycled as road base, 4550 tons of wood recycled as cogeneration fuel, 3086 tons of concrete recycled as road base, 1388 tonThe removal of 10,000 cubic yards of bricks which were recycled into road base. Another 300 cubic yards of bricks were shipped off-site as hazardous waste due to lead levels.The decontamination and demolition of the precipitator and cooling towers and the car-crushing building. Asbestos pipe and insulating material were also removed.The removal of two above ground tanks used to store sulfuric acid, other tanks, and drums found on-site containing hazardous substances.Four above ground tanks, contaminated bunker C and diesel oil were shipped off-site. Sumps containing 55,000 gallons of contaminated water was sent off-site for recycling.The removal of PCBs including the draining of oil from ten transformers from the precipitator and cooling tower. The transformers plus fifteen drums of PCBs were disposed offsite.Removal of tank bottoms from a bunker C oil tank.Completed RA. 33,263 cubic yards of slag, soil, and debris were removed from a strip of land owned by PG&E adjoining the site and disposed on the Phase III property.Completed RA. 10,562 cubic yards of slag, soil, and debris were removed from a parcel of land adjoining the PSSC site and disposed on the Phase III property.This report documents remedial investigation conducted at Phase I and Phase II of the Site. It also includes a description of the removal actions undertaking at the sites.Fence and posting around an area where residual PCB contamination remains in soils at the Site.Removal of 1000 square feet of loose tin metal roofing.Construction of 1500 feet of fence around the former cooling pond.Installation of 10,000 linear feet of fencing and posting of signs every 195 feet.Completed RA. Remediation and grading of the 11th Street right-of-way was completed.Approved final O&M Plan for the engineered cap, site access, and surface water control components.A KB Home subcontractor damaged a section of the WCA Cap during installation of a sanitary sewer line. DTSC required that KB Home repair the cap.DTSC approved the Final Waste Consolidation Area-Cap Breach Repair Report which documents the repair of damage to the vegetated soil cover, underlying geosynthetic layers, and concrete surface water drainage ditch which was caused by a contractor inFact Sheet issued announcing upcoming interim measures.Last well, MW-27, was sampled today.Approved changing chromium cleanup level from 69 to 89

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

mg/kg.Fact SheetThe land surveyor report describing the location of the 2 monuments is forthcoming. The City is working on the M-Channelwhich has resulted in a temporary installation of a chain link fence. this work is expected to be completed by mid-October.the Department approved in the Remedial Action Plan for this Site.rated to pay for the pension benefits of the former steelworkers.stalling a sanitary sewer line.s of wood impacted soil for use as fill material, 1,500,000 railroad ties recycled by railroad or used as fuel, and 9000 ties.ent of oil contaminated material and consolidation of slag type material.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 1994-11-14 00:00:00
Completed Area Name: Route 84 Right-of-Way
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2004-07-22 00:00:00
Completed Area Name: Phase IIb Residential Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2005-05-27 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design
Completed Date: 2002-06-20 00:00:00
Completed Area Name: Phase I Southern Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2004-06-18 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1996-04-05 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1996-03-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1996-03-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1996-03-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1996-03-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

Completed Date: 1995-04-12 00:00:00
Completed Area Name: PG&E Strip
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1995-02-07 00:00:00
Completed Area Name: Delucchi Property
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1995-02-07 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 1994-08-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-12-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-12-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-12-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 1991-06-28 00:00:00
Completed Area Name: 11th Street Right-of-Way
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2004-12-10 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 2006-01-06 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Workplan
Completed Date: 2005-10-24 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2006-09-13 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1992-01-28 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 2006-06-27 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan w/ESD (RAP)
Completed Date: 2003-10-20 00:00:00

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 2003-06-01 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2007-08-03 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 1989-07-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan w/ESD (RAP)
Completed Date: 2002-04-18 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1995-04-11 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1993-08-24 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1993-07-16 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-10-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-01-10 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2006-03-27 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 2006-03-17 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 2006-06-09 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2006-11-07 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1994-08-31 00:00:00
Completed Area Name: PROJECT WIDE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 1994-09-13 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1992-09-10 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 2002-06-03 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 2001-07-27 00:00:00
Completed Area Name: Route 84 Right-of-Way
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 2001-08-22 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Monitoring Report
Completed Date: 2006-08-10 00:00:00
Completed Area Name: King Avenue Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 1987-10-29 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2007-02-16 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2007-06-08 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2007-02-28 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2007-05-21 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 2007-11-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 2006-09-22 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Environmental Impact Report
Completed Date: 1994-11-14 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 1992-10-22 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of non-compliance
Completed Date: 1990-07-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 1988-11-10 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1980-03-11 00:00:00
Completed Area Name: 11th Street Right-of-Way
Completed Sub Area Name: Not reported
Completed Document Type: Deed Restriction / Land Use Covenant
Completed Date: 2006-03-24 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Deed Restriction / Land Use Covenant
Completed Date: 2006-04-28 00:00:00
Completed Area Name: Waste Consolidation Area
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 2006-05-11 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 2006-08-22 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, EPA AO)
Completed Date: 1988-03-28 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 1988-09-20 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 1988-11-02 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 1991-12-11 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Settlements/Decrees
Completed Date: 1995-12-22 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Settlements/Decrees
Completed Date: 2003-06-13 00:00:00
Confirmed: 40001,30472,30018,30024,30108,30001,30013,3002502
Confirmed Description: Not reported
Confirmed Description: Polynuclear aromatic hydrocarbons (PAHs)

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

Confirmed Description: Polychlorinated biphenyls (PCBs)
Confirmed Description: TPH-diesel
Confirmed Description: Cadmium and compounds
Confirmed Description: Arsenic
Confirmed Description: Lead
Confirmed Description: TPH-MOTOR OIL
Future Area Name: Waste Consolidation Area
Future Sub Area Name: Not reported
Future Document Type: Long Term Monitoring Report
Future Due Date: 2008
Media Affected: AQUI, SOIL
Media Affected Desc: Aquifer used for drinking water supply affected
Media Affected Desc: Soil
Management Required: REM, DAY, ELD, HOS, LUC, NOWN, NDAM, NUSE, NDEV, NSUB, EXT, HS, SCH, FOOD, COV, RES, R
Management Required Desc: Activities prohibited which disturb the remedy and monitoring systems without approval
Management Required Desc: Day care center prohibited
Management Required Desc: Elder Care Center Prohibited
Management Required Desc: Hospital use prohibited
Management Required Desc: Land Use covenant
Management Required Desc: Notify after change of property owner
Management Required Desc: Notify damages to remedy and monitoring systems upon discovery
Management Required Desc: Notify prior to change in land use
Management Required Desc: Notify prior to development
Management Required Desc: Notify prior to subsurface work
Management Required Desc: Only extraction of groundwater for site remediation permitted
Management Required Desc: Perform H&S Plan prior to subsurface work
Management Required Desc: Public or private school for persons under 21 prohibited
Management Required Desc: Raising of food prohibited
Management Required Desc: Requires surface covers
Management Required Desc: Residence use prohibited
Management Required Desc: Activities prohibited which disturb the remedy and monitoring systems without approval
Management Required Desc: Day care center prohibited
Management Required Desc: Elder Care Center Prohibited
Management Required Desc: Hospital use prohibited
Management Required Desc: Land Use covenant
Management Required Desc: No Excavation or activities which disturb the soil at any depth without approval
Management Required Desc: Notify after change of property owner
Management Required Desc: Notify damages to remedy and monitoring systems upon discovery
Management Required Desc: Notify prior to change in land use
Management Required Desc: Notify prior to development
Management Required Desc: Notify prior to subsurface work
Management Required Desc: Only extraction of groundwater for site remediation permitted
Management Required Desc: Perform H&S Plan prior to subsurface work
Management Required Desc: Public or private school for persons under 21 prohibited
Management Required Desc: Raising of food prohibited
Management Required Desc: Requires surface covers
Potential: 30001, 40001, 30013, 30018, 30024, 3002502, 30108, 30472
Potential Description: Arsenic
Potential Description: Not reported
Potential Description: Lead
Potential Description: Polychlorinated biphenyls (PCBs)
Potential Description: TPH-diesel
Potential Description: TPH-MOTOR OIL
Potential Description: Cadmium and compounds
Potential Description: Polynuclear aromatic hydrocarbons (PAHs)

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

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
PastUse: MANUFACTURING - METAL
MANUFACTURING - METAL

Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 16.6
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: MARK PIROS
Supervisor: Mark Piros
Division Branch: North Coast
Facility ID: 01330042
Site Code: 200073
Assembly: 20
Senate: 10
Special Program: Not reported
Status: Certified
Status Date: 1993-12-30 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 37.5838888888889
Longitude: -122.01
Alias Name: East Parcel
01330042
CAD 980363030
P21046
200073

Alias Type: Alternate Name
Envirostor ID Number
Project Code (Site Code)
PCode
EPA Identification Number

APN: NONE SPECIFIED

APN Description: Not reported

Comments: An estimated 90,000 cubic yards of soil contaminated with slag and 11,000 cubic yards of soil contaminated with petroleum hydrocarbons were removed and disposed off-site. Phase II was cleaned to background levels of metals (See Pacific States Steel Issued Final Determination of Non-Compliance. Fencing of Phase II property completed on 6/6/1991. DTSC Report of Completion documenting completion of work signed on 6/28/1991. Completed Focused RIFS for Phase II. The slag contains elevated levels of metals including zinc, copper, lead, cadmium, chromium and nickel. The report documents the abandonment of 4 monitoring wells on site. Report present sampling results for this 4.68 acres located at the corner of Mission Blvd and 7th Street. Certified Site. Negative Declaration approved. Completed Public Participation Plan. Issued Consent Order. Phases II and III are the two parcels affected by Consent Decree Number C-82-4209 MHP. The Court administration objectives include 1) cleanup of all parcels to appropriate levels and 2) develop all parcels for productive uses. Site Discovery. The investigation was conducted to evaluate

MAP FINDINGS

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PACIFIC STATES STEEL (Continued)

S100833250

further the hydrogeology and organic and inorganic contamination of the soil and groundwater beneath the site, possible contamination in a background well and potential for contamination in groundwater. The investigation was conducted to perform a preliminary evaluation of the hydrogeology and the potential organic and inorganic contamination of the soil and groundwater beneath the site. The investigation was conducted to evaluate the potential inorganic and organic contaminants in the shallow soil at the site. so funds can be generated to pay for the pension benefits of the former steel workers of the steel manufacturing plant. Phase III for more information). Soil background was used as the site cleanup goal. Groundwater monitoring is required as Operation and Maintenance and is still ongoing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Investigation/Characterization Report
Completed Date: 1989-01-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Investigation/Characterization Report
Completed Date: 1988-11-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Investigation/Characterization Report
Completed Date: 1987-10-29 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-06-28 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 1989-07-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1993-12-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 1992-04-09 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1998-09-25 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 1988-11-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 1993-12-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 1992-03-09 00:00:00

MAP FINDINGS

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PACIFIC STATES STEEL (Continued)

S100833250

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of non-compliance
Completed Date: 1990-07-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Settlements/Decrees
Completed Date: 1988-11-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1980-03-11 00:00:00
Confirmed: 30013
Confirmed Description: Lead
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: SOIL
Media Affected Desc: Soil
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30013
Potential Description: Lead
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
PastUse: MANUFACTURING - METAL
MANUFACTURING - METAL

HISTORICAL CAL-SITES:

Facility ID: 01330031
Region: 2
Region Name: BERKELEY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 12301993
Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: RP
Type Name: RESPONSIBLE PARTY
NPL: Not Listed
SIC Code: 33
SIC Name: MANU - PRIMARY METAL INDUSTRIES
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: HATIQEE
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

S100833250

Region Water Control Board Name: SAN FRANCISCO BAY
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: 20
State Senate District Code: 10

Facility ID: 01330042
Region: 2
Region Name: BERKELEY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 12301993
Status: CERT - CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: RP
Type Name: RESPONSIBLE PARTY
NPL: Not Listed
SIC Code: 33
SIC Name: MANU - PRIMARY METAL INDUSTRIES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Unknown
Staff Member Responsible for Site: MPIROS
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
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: 20
State Senate District Code: 10

[Click this hyperlink](#) while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

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**PACIFIC STATES STEEL
35124 ALVARADO NILES RD
UNION CITY, CA 94587**

**CERCLIS 1000251901
FINDS CAD980363030**

CERCLIS:
Site ID: 0901720
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

CERCLIS Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096

MAP FINDINGS

Map ID
Direction
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Distance (ft.)Site

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Database(s) EPA ID Number

PACIFIC STATES STEEL (Continued)

1000251901

Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis

Contact Tel: (415) 972-3095

Contact Title: Site Assessment Manager (SAM)

Contact Name: Dan McMIndes

Contact Tel: (415) 972-3401

Contact Title: Site Assessment Manager (SAM)

Contact Name: Dawn Richmond

Contact Tel: (415) 972-3097

Contact Title: Site Assessment Manager (SAM)

Contact Name: Nuria Muniz

Contact Tel: (415) 972-3811

Contact Title: Site Assessment Manager (SAM)

Site Description: APPROXIMATELY 825 CONTAINERS OF ORGANIC & INORGANIC WASTE STORED ON A 93 ACRE
CLOSED STEEL MANUFACTURING PLANT NEAR SAN JOSE, CALIFORNIA.

CERCLIS Assessment History:

Action: PRELIMINARY ASSESSMENT

Date Started: Not reported

Date Completed: 10/01/1983

Priority Level: Low

Action: DISCOVERY

Date Started: Not reported

Date Completed: 11/01/1983

Priority Level: Not reported

Action: HAZARD RANKING SYSTEM PACKAGE

Date Started: Not reported

Date Completed: 11/01/1983

Priority Level: Not reported

Action: SITE INSPECTION

Date Started: Not reported

Date Completed: 11/01/1983

Priority Level: Low

Action: ADMINISTRATIVE ORDER ON CONSENT

Date Started: Not reported

Date Completed: 09/27/1990

Priority Level: Not reported

Action: ADMINISTRATIVE RECORDS

Date Started: 11/30/1990

Date Completed: 11/30/1990

Priority Level: Admin Record Compiled for a Removal Event

Action: REMOVAL

Date Started: 09/04/1990

Date Completed: 02/25/1991

Priority Level: Cleaned up

Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH

MAP FINDINGS

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PACIFIC STATES STEEL (Continued)

1000251901

Date Started: 08/25/1994
Date Completed: 08/25/1994
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 08/25/1994
Priority Level: Not reported

Action: OTHER CLEANUP ACTIVITY
Date Started: 10/01/2000
Date Completed: 03/21/2007
Priority Level: NFRAP (No Futher Remedial Action Planned)

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

27

**CRAFTILE CO
800 CRAFTILE RD
FREMONT, CA 94539**

**HAZNET S103959040
N/A**

HAZNET:
Gepaid: CAC001250624
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 800 CRAFTILE RD
Mailing City,St,Zip: FREMONT, CA 945390000
Gen County: 1
TSD EPA ID: CAD982042475
TSD County: Solano
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 39.6116
Facility County: 1

MAP FINDINGS

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

28 PSSC/ENVIROCON INC
1051 KRAFTILE RD
FREMONT, CA 94536

HAZNET S108217428
N/A

HAZNET:

Gepaid:	CAL000272670
Contact:	DAVID JACOBS/PROJECT DIR
Telephone:	5107944699
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1051 KRAFTILE RD
Mailing City,St,Zip:	FREMONT, CA 945367617
Gen County:	Alameda
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Disposal, Land Fill
Tons:	166.87
Facility County:	Not reported

Gepaid:	CAL000272670
Contact:	DAVID JACOBS/PROJECT DIR
Telephone:	5107944699
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1051 KRAFTILE RD
Mailing City,St,Zip:	FREMONT, CA 945367617
Gen County:	Alameda
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Treatment, Tank
Tons:	15.17
Facility County:	1

28 EL TORO TRUCKING
1051 KRAFTILE ST
FREMONT, CA 94536

FINDS 1000417913
RCRA-NonGen CAD982007718

FINDS:
 Other Pertinent Environmental Activity Identified at 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.

RCRA-NonGen:

Date form received by agency:	07/01/1987
Facility name:	EL TORO TRUCKING
Facility address:	1051 KRAFTILE ST FREMONT, CA 94536
EPA ID:	CAD982007718
Mailing address:	PO BOX 2155 FREMONT, CA 94536
Contact:	ENVIRONMENTAL MANAGER

MAP FINDINGS

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EL TORO TRUCKING (Continued)

1000417913

Contact address: 1051 KRAFTILE ST
FREMONT, CA 94536
Contact country: US
Contact telephone: (415) 792-9144
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: JACK TURRENTINE
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: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

MAP FINDINGS

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28	PSS CORP	HAZNET	S106101648
	1051 KRAFTILE RD	CA WDS	N/A
	FREMONT, CA 94536		

HAZNET:

Gepaid: CAC002185369
 Contact: GRAHAM MCMORIME
 Telephone: 5107944699
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1051 KRAFTILE RD
 Mailing City,St,Zip: FREMONT, CA 94536
 Gen County: Alameda
 TSD EPA ID: CAT000646117
 TSD County: Alameda
 Waste Category: Polychlorinated biphenyls and material containing PCB's
 Disposal Method: Disposal, Land Fill
 Tons: 166.87
 Facility County: 1

Gepaid: CAC002185369
 Contact: GRAHAM MCMORIME
 Telephone: 5107944699
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1051 KRAFTILE RD
 Mailing City,St,Zip: FREMONT, CA 94536
 Gen County: Alameda
 TSD EPA ID: CAL000153023
 TSD County: Alameda
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 9.27
 Facility County: 1

Gepaid: CAC002185369
 Contact: GRAHAM MCMORIME
 Telephone: 5107944699
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1051 KRAFTILE RD
 Mailing City,St,Zip: FREMONT, CA 94536
 Gen County: Alameda
 TSD EPA ID: CAL000153023
 TSD County: Santa Clara
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 20.81
 Facility County: Not reported

CA WDS:

Facility ID: San Francisco Bay 011009300
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is

Map ID
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Distance (ft.)Site

MAP FINDINGS

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Database(s) EPA ID Number

PSS CORP (Continued)

S106101648

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: 4154337598
Facility Contact: GRUEN CLAUDE
Agency Name: PAC STATES STEEL CORP
Agency Address: 564 Howard St
Agency City,St,Zip: San Francisco 941053002
Agency Contact: GRUEN CLAUDE
Agency Telephone: 4154337598
Agency Type: ?
SIC Code: 0
SIC Code 2: Not reported
Primary Waste: 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 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.

29

**UNION SQUARE AUTOMOTIVE
35194 ALVARADO-NILES ROAD
UNION CITY, CA 94587**

**HAZNET S103993199
N/A**

HAZNET:
Gepaid: CAL000141888
Contact: COY MOODY, OWNER
Telephone: 5107457999
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 35194 ALVARADO NILES RD
Mailing City,St,Zip: UNION CITY, CA 945873622
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.22
Facility County: Not reported

Gepaid: CAL000141888
Contact: COY MOODY
Telephone: 5107457999

MAP FINDINGS

Map ID
Direction
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Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNION SQUARE AUTOMOTIVE (Continued)

S103993199

Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 35194 ALVARADO NILES RD
Mailing City,St,Zip: UNION CITY, CA 945873622
Gen County: 1
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .7506
Facility County: 1

Gepaid: CAL000141888
Contact: COY MOODY
Telephone: 5107457999
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 35194 ALVARADO NILES RD
Mailing City,St,Zip: UNION CITY, CA 945873622
Gen County: 1
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: .4586
Facility County: 1

Gepaid: CAL000141888
Contact: COY MOODY
Telephone: 5107457999
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 35194 ALVARADO NILES RD
Mailing City,St,Zip: UNION CITY, CA 945873622
Gen County: 1
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 0.2293
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

29

ACROSS FROM 35194 NILES BLVD UNION CITY, CA 94582

CDL S107537459
N/A

CDL:
Facility ID: 200111010
Date: 2001-11-02 00:00:00
Lab Type: Abandoned Drug Lab Waste (A) - location away from an actual illegal drug lab where drug lab waste and/or equipment were abandoned.

MAP FINDINGS

Map ID			EDR ID Number
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Distance (ft.)	Site	Database(s)	EPA ID Number

29	D & G AUTOMOTIVE 35194 ALVARADO-NILES ROAD UNION CITY, CA 94587	HAZNET	S108204259 N/A
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HAZNET:

Gepaid:	CAL000275653
Contact:	GREG KLOSTER
Telephone:	5102840074
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	35194 ALVARADO-NILES ROAD
Mailing City,St,Zip:	UNION CITY, CA 945870000
Gen County:	Alameda
TSD EPA ID:	CAD980887418
TSD County:	Alameda
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	0.85
Facility County:	Not reported

30	MICHAEL KIMUNA DDS 2701 DECOTO RD UNION CITY, CA 94587	HAZNET	S103977412 N/A
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HAZNET:

Gepaid:	CAL000111016
Contact:	MICHAEL KIMUNA DDS
Telephone:	5104712916
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2701 DECOTO RD STE 1
Mailing City,St,Zip:	UNION CITY, CA 945874940
Gen County:	1
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0417
Facility County:	1

Gepaid:	CAL000111016
Contact:	MICHAEL KIMUNA DDS
Telephone:	5104712916
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2701 DECOTO RD STE 1
Mailing City,St,Zip:	UNION CITY, CA 945874940
Gen County:	1
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0104
Facility County:	1

Gepaid:	CAL000111016
Contact:	MICHAEL KIMUNA DDS
Telephone:	5104712916
Facility Addr2:	Not reported
Mailing Name:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MICHAEL KIMUNA DDS (Continued)

S103977412

Mailing Address: 2701 DECOTO RD STE 1
Mailing City,St,Zip: UNION CITY, CA 945874940
Gen County: 1
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Tons: .0458
Facility County: 1

Gepaid: CAL000111016
Contact: MICHAEL KIMUNA DDS
Telephone: 5104712916
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 DECOTO RD STE 1
Mailing City,St,Zip: UNION CITY, CA 945874940
Gen County: 1
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Treatment, Tank
Tons: .0000
Facility County: 1

Gepaid: CAL000111016
Contact: MICHAEL KIMUNA DDS
Telephone: 5104712916
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 DECOTO RD STE 1
Mailing City,St,Zip: UNION CITY, CA 945874940
Gen County: 1
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Tank
Tons: .0833
Facility County: 1

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6 additional CA_HAZNET: record(s) in the EDR Site Report.

30

HERBERT C. K. CHIU DDS
2701 DECOTO RD STE 4
UNION CITY, CA 94587

HAZNET S103648306
N/A

HAZNET:
Gepaid: CAL000162867
Contact: HERBERT C. K. CHIU DDS/A PRO-
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 DECOTO RD STE 4
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAL000121946
TSD County: Marin

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HERBERT C. K. CHIU DDS (Continued)

S103648306

Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0030
Facility County: 1

30

**MARK L BURR DDS INC
2701 DECOTO RD STE 5
UNION CITY, CA 94587**

**HAZNET S104578391
N/A**

HAZNET:

Gepaid: CAL000120677
Contact: MARK L. BURR DDS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 DECOTO RD STE 5
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Tank
Tons: .0333
Facility County: 1

Gepaid: CAL000120677
Contact: MARK L. BURR DDS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 DECOTO RD STE 5
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Tons: .0207
Facility County: 1

Gepaid: CAL000120677
Contact: MARK L. BURR DDS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 DECOTO RD STE 5
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Treatment, Tank
Tons: .0000
Facility County: 1

Gepaid: CAL000120677
Contact: MARK L. BURR DDS
Telephone: 0000000000

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MARK L BURR DDS INC (Continued)

S104578391

Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 DECOTO RD STE 5
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Tank
Tons: .0249
Facility County: 1

Gepaid: CAL000120677
Contact: MARK L. BURR DDS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 DECOTO RD STE 5
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Treatment, Tank
Tons: .0041
Facility County: 1

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

30

**ANTHONY MOCK DDS
2701 DECOTO RD STE 1
UNION CITY, CA 94587**

**HAZNET S105091281
N/A**

HAZNET:

Gepaid: CAL000182753
Contact: ANTHONY MOCK DDS
Telephone: 5104896900
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 DECOTO RD STE 1
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .0208
Facility County: 1

Gepaid: CAL000182753
Contact: ANTHONY MOCK DDS
Telephone: 5104896900
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 DECOTO RD STE 1
Mailing City,St,Zip: UNION CITY, CA 945870000
Gen County: 1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ANTHONY MOCK DDS (Continued)

S105091281

TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Not reported
Disposal Method: Not reported
Tons: .0208
Facility County: 1

**31 FREMONT UNIF SCH DIST/WARWICK ELEM
3375 WARWICK RD
FREMONT, CA 94555**

**HAZNET S102801059
N/A**

HAZNET:

Gepaid: CAC000985752
Contact: FREMONT UNIF SCH DIST
Telephone: 5106592588
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4210 TECHNOLOGY DR
Mailing City,St,Zip: FREMONT, CA 945380000
Gen County: 1
TSD EPA ID: CAL000027741
TSD County: 5
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 4.2140
Facility County: 1

Gepaid: CAC000985752
Contact: FREMONT UNIF SCH DIST
Telephone: 5106592588
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4210 TECHNOLOGY DR
Mailing City,St,Zip: FREMONT, CA 945380000
Gen County: 1
TSD EPA ID: CAL000027741
TSD County: 5
Waste Category: Asbestos-containing waste
Disposal Method: Not reported
Tons: 4.2140
Facility County: 1

**31 WARWICK ELEMENTARY
3375 WARWICK ROAD
FREMONT, CA 94555**

**FINDS 1008304199
110021984502**

FINDS:

Other Pertinent Environmental Activity Identified at Site

NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

MAP FINDINGS

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

32	2250 ISHERWOOD 2250 ISHERWOOD FREMONT, CA 94536	ERNS	93354277 N/A
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[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

32	2250 ISHERWOOD 2250 ISHERWOOD FREMONT, CA 94536	ERNS	93353482 N/A
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[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

33	HATSUSHI PROPERTY 3473 DECOTO ROAD FREMONT, CA	SLIC	S101641329 N/A
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SLIC:

Region:	STATE
Global Id:	SL0600121796
Assigned Name:	SLICSITE
Lead Agency Contact:	STEVEN D. INN
Lead Agency:	ALAMEDA COUNTY WATER DISTRICT
Lead Agency Case Number:	0342
Responsible Party:	Not reported
Recent Dtw:	Not reported
Substance Released:	Not reported
Facility Status:	Case Closed

SLIC:

Region:	2
Facility ID:	Not reported
Facility Status:	Case Closed
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		EDR ID Number
Direction		
Distance		
Distance (ft.)	Site	Database(s) EPA ID Number

34 JIFFY LUBE STORE #2338
2161 MONUMENT BLVD
CONCORD, CA 94520

HAZNET S103642193
N/A

HAZNET:

Gepaid: CAL000126392
 Contact: LUBE ACQUISITION CORP
 Telephone: 8019726667
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1385 WEST 2200 SOUTH
 Mailing City,St,Zip: SALT LAKE CITY, UT 841192838
 Gen County: 7
 TSD EPA ID: CAD980887418
 TSD County: 1
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: .3961
 Facility County: 7

Gepaid: CAL000126392
 Contact: LUBE ACQUISITION CORP
 Telephone: 8019726667
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1385 WEST 2200 SOUTH
 Mailing City,St,Zip: SALT LAKE CITY, UT 841192838
 Gen County: 7
 TSD EPA ID: CAD009452657
 TSD County: San Mateo
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Recycler
 Tons: 2.5018
 Facility County: 7

Gepaid: CAL000126392
 Contact: KEN BARKER, HSSE COORDINATOR
 Telephone: 7135466604
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 4427
 Mailing City,St,Zip: HOUSTON, TX 772104427
 Gen County: Contra Costa
 TSD EPA ID: CAD009452657
 TSD County: San Mateo
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Recycler
 Tons: 4.46
 Facility County: Not reported

Gepaid: CAL000126392
 Contact: ELLEN THOMSON/ENVTL SCIENTIST
 Telephone: 7135468147
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 2967
 Mailing City,St,Zip: HOUSTON, TX 772522967
 Gen County: Contra Costa
 TSD EPA ID: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JIFFY LUBE STORE #2338 (Continued)

S103642193

TSD County: Santa Clara
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Disposal, Other
Tons: 0.22
Facility County: Not reported

Gepaid: CAL000126392
Contact: ELLEN THOMSON/ENVTL SCIENTIST
Telephone: 7135468147
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2967
Mailing City,St,Zip: HOUSTON, TX 772522967
Gen County: Contra Costa
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 2.62
Facility County: Not reported

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

35

**REGAN NURSERY INC.
3520 DECOTO RD
FREMONT, CA 94536**

**HIST UST U001596865
N/A**

HIST UST:
Region: STATE
Facility ID: 00000028999
Facility Type: Other
Other Type: RETAIL NURSERY
Total Tanks: 0002
Contact Name: Not reported
Telephone: 4157973222
Owner Name: REGAN NURSERY INC.
Owner Address: 3520 DECOTO RD
Owner City,St,Zip: FREMONT, CA 94536

Tank Num: 001
Container Num: 1
Year Installed: 1976
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 12 gauge
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1976
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 10 gauge
Leak Detection: None

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

36 **FRADES NURSERY**
3694 DECOTO RD
FREMONT, CA 94536

HIST UST **U001596840**
N/A

HIST UST:

Region: STATE
Facility ID: 00000041772
Facility Type: Other
Other Type: WHOLESALE NURSERY
Total Tanks: 0003
Contact Name: BENJAMIN FRADES
Telephone: 4157932673
Owner Name: FRADES NURSERY
Owner Address: 3694 DECOTO RD.
Owner City,St,Zip: FREMONT, CA 94536

Tank Num: 001
Container Num: #01
Year Installed: 1960
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: 03
Year Installed: ????
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: Not reported

Tank Num: 003
Container Num: #02
Year Installed: 1972
Tank Capacity: 00000280
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Visual

36 **FRADES NURSERY**
3694 DECOTO RD
FREMONT, CA 94536

CA FID UST **S101623624**
SWEEPS UST **N/A**

CA FID UST:

Facility ID: 01002443
Regulated By: UTKNI
Regulated ID: 00041772
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4157932673
Mail To: Not reported
Mailing Address: 3694 DECOTO RD
Mailing Address 2: Not reported
Mailing City,St,Zip: FREMONT 94536
Contact: Not reported
Contact Phone: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FRADES NURSERY (Continued)

S101623624

DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

SWEEPS UST:

Status: Not reported
Comp Number: 41772
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-041772-000001
Actv Date: Not reported
Capacity: 550
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

Status: Not reported
Comp Number: 41772
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-041772-000002
Actv Date: Not reported
Capacity: 12000
Tank Use: UNKNOWN
Stg: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 41772
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-041772-000003
Actv Date: Not reported
Capacity: 280
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

MAP FINDINGS

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

36	REGAN NURSERY INC.	CA FID UST	S101580290
	3686 DECOTO RD	SWEEPS UST	N/A
	FREMONT, CA 94536		

CA FID UST:

Facility ID: 01002439
 Regulated By: UTNKI
 Regulated ID: 00028999
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 4157973222
 Mail To: Not reported
 Mailing Address: 3520 DECOTO RD
 Mailing Address 2: Not reported
 Mailing City, St, Zip: FREMONT 94536
 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: 28999
 Number: Not reported
 Board Of Equalization: 44-001317
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 01-009-028999-000001
 Actv Date: Not reported
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: 2

Status: Not reported
 Comp Number: 28999
 Number: Not reported
 Board Of Equalization: 44-001317
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 01-009-028999-000002
 Actv Date: Not reported
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: Not reported

MAP FINDINGS

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

36 WALGREENS 2366 RCRA-SQG 1001227018
3880 DECOTO RD FINDS CAR000042572
UNION CITY, CA 94555 HAZNET

RCRA-SQG:

Date form received by agency: 02/07/2002
Facility name: WALGREENS 2366
Facility address: 3880 DECOTO RD
UNION CITY, CA 94555
EPA ID: CAR000042572
Mailing address: C/O QUALEX INC
4020 STIRRUP CREEK DR STE 211
DURHAM, NC 27703
Contact: KENNETH J MCKEVENY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (919) 484-3647
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: WALGREEN CO
Owner/operator address: 200 WILMONT RD NO 2214
DEERFIELD, IL 60015
Owner/operator country: Not reported
Owner/operator telephone: (847) 914-3193
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: Unknown
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: Unknown
On-site burner exemption: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WALGREENS 2366 (Continued)

1001227018

Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Lamps
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Pesticides
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Thermostats
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Historical Generators:

Date form received by agency: 02/07/2002
Facility name: WALGREENS 2366
Classification: Large Quantity Generator

Date form received by agency: 07/17/1998
Facility name: WALGREENS 2366
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at 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.

HAZNET:

Gepaid: CAR000042572
Contact: MR RUSS ROELLER MANAGER HSE
Telephone: 9194843616
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4020 STIRRUP CREEK DR STE 211
Mailing City,St,Zip: DURHAM, NC 277030000
Gen County: Alameda
TSD EPA ID: Not reported
TSD County: Kern
Waste Category: Photochemicals/photoprocessing waste

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WALGREENS 2366 (Continued)

1001227018

Disposal Method:	Not reported
Tons:	0.75
Facility County:	Not reported
Gepaid:	CAR000042572
Contact:	MR RUSS ROELLER MANAGER HSE
Telephone:	9194843616
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	4020 STIRRUP CREEK DR STE 211
Mailing City,St,Zip:	DURHAM, NC 277030000
Gen County:	Alameda
TSD EPA ID:	Not reported
TSD County:	Kern
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	8.06
Facility County:	Not reported
Gepaid:	CAR000042572
Contact:	WALGREEN COMPANY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	4020 STIRRUP CREEK DRIVE SUITE 211
Mailing City,St,Zip:	DURHAM, NC 277030000
Gen County:	1
TSD EPA ID:	CAD981402522
TSD County:	Kern
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	1.1132
Facility County:	1
Gepaid:	CAR000042572
Contact:	WALGREEN COMPANY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	4020 STIRRUP CREEK DRIVE SUITE 211
Mailing City,St,Zip:	DURHAM, NC 277030000
Gen County:	1
TSD EPA ID:	CAD981402522
TSD County:	Kern
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Tons:	0.1876
Facility County:	1
Gepaid:	CAR000042572
Contact:	WALGREEN COMPANY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	4020 STIRRUP CREEK DRIVE SUITE 211
Mailing City,St,Zip:	DURHAM, NC 277030000
Gen County:	1

MAP FINDINGS

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

WALGREENS 2366 (Continued)
1001227018

TSD EPA ID: CAD981402522
 TSD County: Kern
 Waste Category: Photochemicals/photoprocessing waste
 Disposal Method: Recycler
 Tons: 5.349
 Facility County: 1

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

37 WESTCORP DEVELOPEMENT GROUP
34882 FREMONT BLVD
FREMONT, CA 94555

HAZNET S103654522
N/A

HAZNET:

Gepaid: CAC001153096
 Contact: WESTCORP DEVELOPEMENT GROUP
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 6400 POWERS FERRY RD STE 100
 Mailing City,St,Zip: ATLANTA, GA 303390000
 Gen County: 1
 TSD EPA ID: CAL000027741
 TSD County: 5
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 1.6856
 Facility County: 1

38 34725 POWDER RIVER PLACE
34725 POWDER RIVER PLACE
FREMONT, CA 94555

ERNS 93328127
N/A

[Click this hyperlink](#) while viewing on your computer to access
 additional ERNS detail in the EDR Site Report.

39 QUALEX #2366
3880 DECOTO RD
FREMONT, CA 94555

HAZNET S103983103
N/A

HAZNET:

Gepaid: CAL000126260
 Contact: WALGREEN COMPANY
 Telephone: 8479143143
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 4020 STIRRUP CREEK DRIVE STE 211
 Mailing City,St,Zip: DURHAM, NC 277033112
 Gen County: 1
 TSD EPA ID: CA0000084517
 TSD County: Sacramento

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

QUALEX #2366 (Continued)

S103983103

Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .3753
Facility County: 1

Gepaid: CAL000126260
Contact: WALGREEN COMPANY
Telephone: 8479143143
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4020 STIRRUP CREEK DRIVE STE 211
Mailing City,St,Zip: DURHAM, NC 277033112
Gen County: 1
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: .6255
Facility County: 1

Gepaid: CAL000126260
Contact: WALGREEN COMPANY
Telephone: 8479143143
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4020 STIRRUP CREEK DRIVE STE 211
Mailing City,St,Zip: DURHAM, NC 277033112
Gen County: 1
TSD EPA ID: CAD981402522
TSD County: Kern
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .0625
Facility County: 1

Gepaid: CAL000126260
Contact: WALGREEN COMPANY
Telephone: 8479143143
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4020 STIRRUP CREEK DRIVE STE 211
Mailing City,St,Zip: DURHAM, NC 277033112
Gen County: 1
TSD EPA ID: CAD981402522
TSD County: Kern
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 2.2306
Facility County: 1

Gepaid: CAL000126260
Contact: WALGREEN COMPANY
Telephone: 8479143143
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4020 STIRRUP CREEK DRIVE STE 211
Mailing City,St,Zip: DURHAM, NC 277033112

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

QUALEX #2366 (Continued)

S103983103

Gen County: 1
TSD EPA ID: CAD981402522
TSD County: Kern
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .1876
Facility County: 1

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

39

KILPATRICK'S BAKERY
3880 DECOTO RD
FREMONT, CA 94536

HIST UST U001596850
N/A

HIST UST:

Region: STATE
Facility ID: 00000000814
Facility Type: Not reported
Other Type: Not reported
Total Tanks: 0001
Contact Name: JOE PATANIA
Telephone: 4157921579
Owner Name: HENRY M. PRIROTTI JR.
Owner Address: 34936 SEA CLIFF TERRACE
Owner City,St,Zip: FREMONT, CA 94536

Tank Num: 001
Container Num: 0009
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor, Pressure Test

39

PIEROTTI MOTORS
3850 DECOTO RD
FREMONT, CA 94555

RCRA-SQG 1000368129
FINDS CAD982359721

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: PIEROTTI MOTORS
Facility address: 3850 DECOTO RD
FREMONT, CA 94555
EPA ID: CAD982359721
Mailing address: DECOTO RD
FREMONT, CA 94555
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

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PIEROTTI MOTORS (Continued)

1000368129

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: HENRY PIEROTTI
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at 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.

MAP FINDINGS

Map ID Direction Distance Distance (ft.)Site		Database(s)	EDR ID Number EPA ID Number
40	DECOTO II ASSOCIATES FREMONT BLVD / DECOTO RD FREMONT, CA 94537	HAZNET	S102802121 N/A
HAZNET: Gepaid: CAC001020216 Contact: DECOTO II ASSOCIATES Telephone: 4082873838 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: 102 PARK CENTER PLAZA Mailing City,St,Zip: SAN JOSE, CA 951130000 Gen County: 1 TSD EPA ID: CAD083166728 TSD County: Stanislaus Waste Category: Unspecified oil-containing waste Disposal Method: Recycler Tons: .6797 Facility County: 1			
41	PIEROTTI FREMONT IMPORTS 35018 FREMONT BLVD FREMONT, CA 94536	LUST Cortese	S102435241 N/A
LUST: Region: STATE Case Type: Soil only Cross Street: Not reported Enf Type: F Funding: Not reported How Discovered: Tank Closure How Stopped: Not reported Leak Cause: Structure Failure Leak Source: Tank Global Id: T0600101085 Stop Date: 1991-09-06 00:00:00 Confirm Leak: 1990-02-09 00:00:00 Workplan: Not reported Prelim Assess: 1991-09-09 00:00:00 Pollution Char: Not reported Remed Plan: Not reported Remed Action: Not reported Monitoring: Not reported Close Date: 1992-02-05 00:00:00 Discover Date: 1991-09-06 00:00:00 Enforcement Dt: Not reported Release Date: 1991-09-06 00:00:00 Review Date: 2001-04-26 00:00:00 Enter Date: 1991-10-01 00:00:00 MTBE Date: Not reported GW Qualifier: Not reported Soil Qualifier: Not reported Max MTBE GW ppb: Not reported Max MTBE Soil ppb: Not reported County: 1 Org Name: Not reported Reg Board: San Francisco Bay Region Status: Case Closed Chemical: Waste Oil Contact Person: Not reported			

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PIEROTTI FREMONT IMPORTS (Continued)

S102435241

Responsible Party: Not reported
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: CCM
Staff Initials: MH
Lead Agency: Regional Board
Local Agency: 01099
Hydr Basin #: Niles Cone (2-9.01N)
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 0309
Case Number: 01-1178
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: 9/3 ACWD RFSSI,10/20 CC REJ; CHLOROFORM WAS FOUND IN WATER. CASE CLOSED;

LUST:

Region: 2
Facility Status: Case Closed
Facility Id: 01-1178
Case Number: 0309
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 2/9/1990
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 9/9/1991
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

Cortese:

Region: CORTESE
Facility Addr2: 35018 FREMONT BLVD

MAP FINDINGS

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

41	PIENOTTI MOTORS INC. 35018 FREMONT BLVD FREMONT, CA 94536	HIST UST	U001596859 N/A
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HIST UST:

Region:	STATE
Facility ID:	00000012004
Facility Type:	Other
Other Type:	AUTO DEALER
Total Tanks:	0002
Contact Name:	KARL HAAS V/P GEN. MGR.
Telephone:	4157974100
Owner Name:	HENRY PREVOTTI JR.
Owner Address:	35018 FREMONT BLVD
Owner City,St,Zip:	FREMONT, CA 94536

Tank Num:	001
Container Num:	#2
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	Visual

Tank Num:	002
Container Num:	#1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Visual

42	SUPER 7 NO. 18916 35015 FREMONT BLVD FREMONT, CA 94536	HAZNET LUST Cortese CA FID UST HIST UST SWEEPS UST	1000209753 N/A
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HAZNET:

Gepaid:	CAL000274234
Contact:	RANDY MARTIN
Telephone:	2537967170
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 711
Mailing City,St,Zip:	DALLAS, TX 752210711
Gen County:	Alameda
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Tons:	0.2
Facility County:	Not reported

Gepaid:	CAL000274234
Contact:	RANDY MARTIN
Telephone:	2537967170

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUPER 7 NO. 18916 (Continued)

1000209753

Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 711
Mailing City,St,Zip: DALLAS, TX 752210711
Gen County: Alameda
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: H13
Tons: 0.02
Facility County: 1

Gepaid: CAL000274234
Contact: RANDY MARTIN
Telephone: 2537967170
Facility Addr2: Not reported
Mailing Name: 7-ELEVEN INC-GAS ACCOUNTING
Mailing Address: PO BOX 711
Mailing City,St,Zip: DALLAS, TX 752210711
Gen County: Alameda
TSD EPA ID: CAD009466392
TSD County: Alameda
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 17.5
Facility County: 1

Gepaid: CAL000274234
Contact: RANDY MARTIN
Telephone: 2537967170
Facility Addr2: Not reported
Mailing Name: 7-ELEVEN INC-GAS ACCOUNTING
Mailing Address: PO BOX 711
Mailing City,St,Zip: DALLAS, TX 752210711
Gen County: Alameda
TSD EPA ID: CAD028409019
TSD County: Alameda
Waste Category: Unspecified aqueous solution
Disposal Method: Treatment, Tank
Tons: 2.5
Facility County: 1

Gepaid: CAL000274234
Contact: RANDY MARTIN
Telephone: 2537967170
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 711
Mailing City,St,Zip: DALLAS, TX 752210711
Gen County: Alameda
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Tons: 0.2
Facility County: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUPER 7 NO. 18916 (Continued)

1000209753

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

LUST:

Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: F
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0600101331
Stop Date: 1986-06-30 00:00:00
Confirm Leak: 1986-04-23 00:00:00
Workplan: Not reported
Prelim Assess: 1986-05-02 00:00:00
Pollution Char: 1986-12-05 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-10-17 00:00:00
Discover Date: 1986-06-30 00:00:00
Enforcement Dt: Not reported
Release Date: 1986-06-30 00:00:00
Review Date: 2001-04-26 00:00:00
Enter Date: 1986-04-23 00:00:00
MTBE Date: 1965-01-02 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 10
Max MTBE Soil ppb: Not reported
County: 1
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: CCM
Staff Initials: SZ
Lead Agency: Local Agency
Local Agency: 01099
Hydr Basin #: Niles Cone (2-9.01N)
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 0110

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUPER 7 NO. 18916 (Continued)

1000209753

Case Number: 01-1442
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: TOG 1600PPB GW 5/87 MW1, NOT TESTED FOR TOG AGAIN. ND FOR QTR RPT /90).
CASE CLOSED 10/17/97. MAX/MTBE<10 PPB.

LUST:

Region: 2
Facility Status: Case Closed
Facility Id: 01-1442
Case Number: 0110
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 4/23/1986
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/2/1986
Pollution Characterization Began: 12/5/1986
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 35015 FREMONT BLVD

CA FID UST:

Facility ID: 01001556
Regulated By: UTKNI
Regulated ID: 00012768
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 5820 STONERIDGE MALL RD
Mailing Address 2: Not reported
Mailing City,St,Zip: FREMONT 94588
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

HIST UST:

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUPER 7 NO. 18916 (Continued)

1000209753

Region:	STATE
Facility ID:	00000012768
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0005
Contact Name:	CARL PECK
Telephone:	4157919438
Owner Name:	THE SOUTHLAND CORPORATION: DBA
Owner Address:	2444 MOORPARK AVE. SUITE 316
Owner City,St,Zip:	SAN JOSE, CA 95128
Tank Num:	001
Container Num:	18916-1-0
Year Installed:	1980
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument, Pressure Test
Tank Num:	002
Container Num:	18916-2-1
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument, Pressure Test
Tank Num:	003
Container Num:	18916-2-2
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument, Pressure Test
Tank Num:	004
Container Num:	18916-3-0
Year Installed:	1980
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument, Pressure Test
Tank Num:	005
Container Num:	18916 -4-0
Year Installed:	1980
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument, Pressure Test

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUPER 7 NO. 18916 (Continued)

1000209753

SWEEPS UST:

Status: Not reported
Comp Number: 12768
Number: Not reported
Board Of Equalization: 44-001289
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-012768-000001
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: LEADED
Number Of Tanks: 5

Status: Not reported
Comp Number: 12768
Number: Not reported
Board Of Equalization: 44-001289
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-012768-000002
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 12768
Number: Not reported
Board Of Equalization: 44-001289
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-012768-000003
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 12768
Number: Not reported
Board Of Equalization: 44-001289
Ref Date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUPER 7 NO. 18916 (Continued)

1000209753

Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-012768-000004
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 12768
Number: Not reported
Board Of Equalization: 44-001289
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 01-009-012768-000005
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

42

**7 ELEVEN STORE 18916
35015 FREMONT BLVD
FREMONT, CA 94536**

**HAZNET S103654728
N/A**

HAZNET:

Gepaid: CAD982008831
Contact: THE SOUTHLAND CORPORATION
Telephone: 2062519155
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 711
Mailing City,St,Zip: DALLAS, TX 752210711
Gen County: 1
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Tons: 1.1467
Facility County: 1

Gepaid: CAD982008831
Contact: THE SOUTHLAND CORPORATION
Telephone: 2062519155
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 711
Mailing City,St,Zip: DALLAS, TX 752210711
Gen County: 1
TSD EPA ID: CAD009452657

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7 ELEVEN STORE 18916 (Continued)

S103654728

TSD County: San Mateo
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Disposal, Land Fill
Tons: 1.5000
Facility County: 1

**42 CITGO GAS STATION #18916
35015 FREMONT BLVD
FREMONT, CA 94536**

**UST U003939306
N/A**

UST:
Local Agency: Fremont, Alameda County
Facility ID: 300225

**43 TRY-CITY CLEANERS
3924 DECOTO ROAD
FREMONT, CA 94536**

**FINDS 1008239918
110021315209**

FINDS:
Other Pertinent Environmental Activity Identified at Site

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).

**43 TRY-CITY CLEANERS
3924 DECOTO ROAD
FREMONT, CA 94536**

**EMI S105940127
N/A**

EMI:
Year: 1996
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 9682
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: 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 & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 1
Air Basin: SF
Facility ID: 9682

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TRY-CITY CLEANERS (Continued)

S105940127

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: 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

43

TRI CITY CLEANERS
3924 DECOTO RD
FREMONT, CA 94536

HAZNET S103656908
CLEANERS N/A

HAZNET:

Gepaid: CAL000117017
Contact: JOSE VILLAYERDE
Telephone: 5107975707
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3924 DECOTO RD
Mailing City,St,Zip: FREMONT, CA 945360000
Gen County: 1
TSD EPA ID: CAD053044053
TSD County: 1
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: .2925
Facility County: 1

Gepaid: CAL000117017
Contact: JOSE VILLAYERDE
Telephone: 5107975707
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3924 DECOTO RD
Mailing City,St,Zip: FREMONT, CA 945360000
Gen County: 1
TSD EPA ID: CAD053044053
TSD County: 1
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Tons: .0975
Facility County: 1

Gepaid: CAL000117017
Contact: JOSE VILLAYERDE
Telephone: 5107975707
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3924 DECOTO RD
Mailing City,St,Zip: FREMONT, CA 945360000
Gen County: 1
TSD EPA ID: CAD981397417
TSD County: Los Angeles

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TRI CITY CLEANERS (Continued)

S103656908

Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Tons: .1317
Facility County: 1

Gepaid: CAL000117017
Contact: JOSE VILLAVERDE
Telephone: 5107975707
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3924 DECOTO RD
Mailing City,St,Zip: FREMONT, CA 945360000
Gen County: 1
TSD EPA ID: CAD981397417
TSD County: Los Angeles
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Tons: 0.4192
Facility County: 1

Gepaid: CAL000117017
Contact: JOSE VILLAVERDE
Telephone: 5107975707
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3924 DECOTO RD
Mailing City,St,Zip: FREMONT, CA 945360000
Gen County: 1
TSD EPA ID: CAD053044053
TSD County: 1
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: .0975
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access 2 additional CA_HAZNET: record(s) in the EDR Site Report.

CLEANERS:

EPA Id: CAL000117017
NAICS Code: Not reported
NAICS Description: Not reported
Create Date: 9/30/1994
Facility Active: No
Inactive Date: 6/30/1999
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3924 DECOTO RD
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 945360000
Region Code: 2
Owner Name: JOSE VILLAVERDE
Owner Address: 3924 DECOTO RD
Owner Address 2: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TRI CITY CLEANERS (Continued)

S103656908

Owner Telephone: Not reported
Owner Fax Number: Not reported
Contact Name: CESAR JAVIER
Contact Address: INACT PER NONDEL 99VQ - CR
Contact Address 2: Not reported
Contact Telephone: 5107975707
Contact Fax Number: Not reported
SIC Description: Not reported

44

**NATIVIDAD TAMON DONG DMD
3906 DE COTO ROAD
FREMONT, CA 94555**

**HAZNET S103978957
N/A**

HAZNET:

Gepaid: CAL000128553
Contact: NATIVIDAD TAMON DONG
Telephone: 5107915534
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3906 DECOTO RD
Mailing City,St,Zip: FREMONT, CA 945553114
Gen County: 1
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Tons: .0208
Facility County: 1

Gepaid: CAL000128553
Contact: NATIVIDAD TAMON DONG
Telephone: 5107915534
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3906 DECOTO RD
Mailing City,St,Zip: FREMONT, CA 945553114
Gen County: 1
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Tank
Tons: .0416
Facility County: 1

Gepaid: CAL000128553
Contact: NATIVIDAD TAMON DONG
Telephone: 5107915534
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3906 DECOTO RD
Mailing City,St,Zip: FREMONT, CA 945553114
Gen County: 1
TSD EPA ID: CAL000121946
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0333
Facility County: 1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

NATIVIDAD TAMON DONG DMD (Continued)

S103978957

Gepaid: CAL000128553
Contact: NATIVIDAD TAMON DONG
Telephone: 5107915534
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3906 DECOTO RD
Mailing City,St,Zip: FREMONT, CA 945553114
Gen County: 1
TSD EPA ID: CAL000121946
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .1000
Facility County: 1

Gepaid: CAL000128553
Contact: NATIVIDAD TAMON DONG
Telephone: 5107915534
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3906 DECOTO RD
Mailing City,St,Zip: FREMONT, CA 945553114
Gen County: 1
TSD EPA ID: CAD981429673
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.1709
Facility County: 1

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

45

FRANKLIN APLIANCE & REPAIR
4074 DECOTO RD
FREMONT, CA 94555

FINDS 1004441395
110001192174

FINDS:

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AFS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

MAP FINDINGS

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

46 CITY OF FREMONT/MAINTENANCE SERVICES
4170 DECOTA RD
FREMONT, CA 94537

HAZNET S103956919
N/A

HAZNET:

Gepaid: CAC001465488
Contact: CITY OF FREMONT
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 37350 SEQUOIA RD
Mailing City,St,Zip: FREMONT, CA 945370000
Gen County: 1
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Treatment, Tank
Tons: .1350
Facility County: 1

Gepaid: CAC001465488
Contact: CITY OF FREMONT
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 37350 SEQUOIA RD
Mailing City,St,Zip: FREMONT, CA 945370000
Gen County: 1
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Latex waste
Disposal Method: Transfer Station
Tons: .0750
Facility County: 1

Gepaid: CAC001465488
Contact: CITY OF FREMONT
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 37350 SEQUOIA RD
Mailing City,St,Zip: FREMONT, CA 945370000
Gen County: 1
TSD EPA ID: CAD088504881
TSD County: Orange
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Recycler
Tons: .0250
Facility County: 1

Gepaid: CAC001465488
Contact: CITY OF FREMONT
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 37350 SEQUOIA RD
Mailing City,St,Zip: FREMONT, CA 945370000
Gen County: 1
TSD EPA ID: CAD044429835

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CITY OF FREMONT/MAINTENANCE SERVICES (Continued)

S103956919

TSD County: Los Angeles
Waste Category: Adhesives
Disposal Method: Disposal, Other
Tons: .0075
Facility County: 1

Gepaid: CAC001465488
Contact: CITY OF FREMONT
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 37350 SEQUOIA RD
Mailing City,St,Zip: FREMONT, CA 945370000
Gen County: 1
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .0775
Facility County: 1

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

**47 1X DOUG GONZALEZ
35282 CANO CT
FREMONT, CA 94536**

**HAZNET S102796836
N/A**

HAZNET:
Gepaid: CAC000906704
Contact: DOUG GONZALEZ
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1181 MARSH RD
Mailing City,St,Zip: REDWOOD CITY, CA 940630000
Gen County: 1
TSD EPA ID: CAD982042475
TSD County: Solano
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: .8428
Facility County: 1

**48 4560 SANTEE RD
FREMONT, CA 94536**

**CDL S107534241
N/A**

CDL:
Facility ID: 200202085
Date: 2002-02-14 00:00:00
Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated
or drug lab equipment and/or materials were stored.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

49

CHMIRS S100278302
N/A

HIGHWAY 89 AT I-880 FREMONT, CA 94555

CHMIRS:

OES Incident Number: 9119671
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 11-OCT-91
Date Completed: 11-OCT-91
Property Use: 961
Agency Id Number: 1715
Agency Incident Number: 91040
Time Notified: 1100
Time Completed: 1700
Surrounding Area: 961
Estimated Temperature: 80
Property Management: C
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personnel # Of Decontaminated: 0
Responding Agency Personnel # Of Injuries: 0
Responding Agency Personnel # Of Fatalities:0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: DENNIS BYRNE
Report Date: 11-OCT-91
Comments: Y
Facility Telephone: 415 271-4320
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: Not reported
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported

MAP FINDINGS

Map ID

Direction

Distance

Distance (ft.)

Site

EDR ID Number

EPA ID Number

Database(s)

(Continued)		S100278302
E Date:	06-AUG-92	
Substance:	Not reported	
Quantity Released:	Not reported	
BBLS:	Not reported	
Cups:	Not reported	
CUFT:	Not reported	
Gallons:	Not reported	
Grams:	Not reported	
Pounds:	Not reported	
Liters:	Not reported	
Ounces:	Not reported	
Pints:	Not reported	
Quarts:	Not reported	
Sheen:	Not reported	
Tons:	Not reported	
Unknown:	Not reported	
Description:	Not reported	
Evacuations:	Not reported	
Number of Injuries:	Not reported	
Number of Fatalities:	Not reported	
Description:	Not reported	

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ALAMEDA	S108741894	AJAX- UNITED & MOLDS INC	34585 7TH ST	94587	HAZNET
EUREKA	S100870654	PG&E/DECOTO PIPE WRAPPING PLANT	KING SALMON ROAD	94587	HAZNET
EUREKA	S107150134	PG&E/DECOTO PIPE WRAPPING PLANT	KING SALMON ROAD	94587	HAZNET
FREMONT	S106044361	NILES SQUARE	37482 - 37862 NILES BLVD	94536	VCP, ENVIROSTOR
FREMONT	S108200486	CALTRANS DIST 4/CONSTR EA04-248104	RTE 880 @ PATTERSON SLOUGH BRIDGE	94555	HAZNET
FREMONT	S103696225	CALTRANS	HIGHWAY 880 AT THORNTON AVENUE	94536	HAZNET
FREMONT	S107537882		BONDE DR / FREMONT BLVD (AT INTERSECTION)	94536	CDL
FREMONT	S106088361	CALTRANS DIST 4/CONSTR	CORNER OF MISSION@MOWRY AVE	94536	HAZNET
FREMONT	S103655212	ARCO PRODUCTS COMPANY	35900 FREMONT BLVD/FAC #2158	94536	HAZNET
FREMONT	U001596863	RED CARPET CAR WASH	FREMONT	94536	HIST UST
FREMONT	S100854352	ALAMEDA COUNTY WATER DISTRICT	1/4 MILE OFF FOX AVE	94555	HAZNET
FREMONT	S108200489	CALTRANS DIST 4/CONSTR/04-233654	MISSION BLVD RTE 238	94587	HAZNET
NEWARK	S108742204	AMERICAN METAL & IRON INC	HIGHWAY 880	94560	HAZNET
NEWARK	1003878583	LESLIE SALT CO MAGNESIA PILE PROPERTY	BASE OF ENTERPRISE DR	94560	CERC-NFRAP
NEWARK	S108225406	WHIRLPOOL CORP	38507 CHERRY ST STE I	94560	HAZNET
NEWARK	U003776648	GEORGIA PACIFIC TRIAD	33801 CHERRY ST.	94560	UST
NEWARK	1003109105	SUN MICROSYSTEMS, NEWARK	INTERSECTION MOURY AVE & CHERRY ST	94560	CERCLIS, FINDS
NEWARK	S106088471	CARGILL SALT	OFF PERRIN AVE / WILLOW ST	94560	HAZNET
NEWARK	S108245914	BARON - BLAKESLEE FACILITY	0 THORNTON AVE / WILLOW	94560	SLIC
NEWARK	S105025204	THORNTON BUSINESS CENTER	8500 THORNTON WILLOW	94560	LUST, Cortese
UNION CITY	S104567094	CITY OF UNION CITY	33819 33843 33875 33901 ALVARADO-NILES	94587	HAZNET
UNION CITY	U003776669	FEDERAL EXPRESS/HWD	32900 ALVARADO-NILES RD.	94587	UST
UNION CITY	1004676629	SHELL SERVICE STATION	31301 ALVARADO	94587	RCRA-SQG, FINDS, HAZNET
UNION CITY	S106086951	QUICK STOP MARKET	30850 ALVARADO NILES RD	94587	HAZNET
UNION CITY	S106922597	ALVARADO STORM LIFT STATION	ALVARADO LIFT STA	94587	SWEEPS UST
UNION CITY	S107148704	BEXEL PHARMACEUTICAL INC	32990 ALVARADO NILES RD STE 910	94587	HAZNET
UNION CITY	S108198154	ASHMAN COMPANIES INC	32920 ALVARADO NILES RD STE 200	94587	HAZNET
UNION CITY	S108203529	CONOCO PHILLIPS 2611101	31901 ALVARADO BLVD	94587	HAZNET
UNION CITY	S108203532	CONOCO PHILLIPS 2611119	31300 ALVARADO NILES BLVD	94587	HAZNET
UNION CITY	S108206082	ENGINEERED HANDLING PRODUCTS	32910 ALVARADO NILES RD STE 140	94587	HAZNET
UNION CITY	S108212955	MACUSIGHT, INC.	32980 ALVARADO NILES RD STE 846	94587	HAZNET
UNION CITY	S108742173	AMERICA SHREDDING	32920 ALVARADO NILES RD STE 240	94587	HAZNET
UNION CITY	U001598704	ALVARADO STORM LIFT STATION	ALVARADO LIFT STATION	94587	HIST UST
UNION CITY	S102813469	MICHAELS AUTO CARE	1301 ALVARADO-NILES ROAD	94587	HAZNET
UNION CITY	S108196086	1X CITY OF UNION CITY	134900 ALVARADO NILES ROAD	94587	HAZNET
UNION CITY	S104571930	CATELLUS RESIDENTIAL GRP INC	NORTHEAST COR 7TH / ZWISSIG	94587	HAZNET
UNION CITY	S102791547	1X NEW HAVEN UNIFIED SCHOOL DISTRICT	DECOTO ELEMENTARY SCHOOL	94587	HAZNET
UNION CITY	S102803549	S F PACIFIC PROPERTIES	INTERSECTION OF 7TH ST /	94587	HAZNET
UNION CITY	S106235235	CATELLUS DECOTO PROPERTIES	MISSION BLVD @ DECOTO RD	94587	SLIC
UNION CITY	S106446497	CATELLUS DECOTO ROAD PROPERTIES	34701 MISSION BOULVEVARD	94587	SLIC
UNION CITY	S102008153	HORNER STREET SITE	N OF HORNER ST / WEST OF UNION CITY BLVD	94587	ENVIROSTOR
UNION CITY	S102802061	PGE	WEST OF UNION CITY / SOUTH OF	94587	HAZNET
UNION CITY	S105091484	CITY OF UNION CITY	34650 7TH ST	94587	HAZNET

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
UNION CITY	S108741893	AJAX CUSTOM MANUFACTURING	34585 7TH ST	94587	HAZNET
UNION CITY	U003776652	PUBLIC WORKS MAINT. FACILITY	34650 7TH ST.	94587	UST
UNION CITY	1006158839	TURK ISLAND SOLID WASTE DISPOSAL	UNION CITY BOULEVARD	94587	FINDS, EMI
UNION CITY	S106093197	LOWES HIW INC-UNION CITY #1132	32040 UNION LANDING BLVD	94587	HAZNET
UNION CITY	S106834811	LOWE'S HIW INC	52040 UNION LANDING BLVD	94587	EMI
UNION CITY	S106922219	"J3" STORM LIFT STATION / C/O ROGER CAMPBELL	UNION CITY BLVD	94587	SWEEPS UST
UNION CITY	S106933411	UNION SQUARE AUTOMOTIVE CENTER	1444 UNION SQ	94587	SWEEPS UST
UNION CITY	S107621257	KAISER FOUNDATION HOSPITAL-HAY	3555 UNION CITY BLVD	94587	EMI
UNION CITY	U004048933	ALCO PUMP STA. J-3	UNION CITY BLVD.	94587	UST
UNION CITY	S103976152	MANUEL C JARDIM INC	342 ZWISSIG WAY	94587	HAZNET

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.

FEDERAL RECORDS

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: 10/02/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: N/A
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 01/28/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/28/2008
	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: 10/02/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: N/A
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 01/28/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

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: 10/02/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: N/A
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 01/28/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

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: 01/09/2008
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 15

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/05/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Quarterly

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: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 12/06/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Quarterly

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.

Date of Government Version: 12/09/2007
Date Data Arrived at EDR: 01/07/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2007
Date Data Arrived at EDR: 12/18/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 64

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

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: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 02/18/2008
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: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 02/18/2008
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: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

RCRA-NonGen: 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: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/16/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2007	Telephone: 703-603-8905
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 01/02/2008
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/31/2008
	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: 07/16/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2007	Telephone: 703-603-8905
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 01/02/2008
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/31/2008
	Data Release Frequency: Varies

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: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 01/23/2008
Number of Days to Update: 47	Next Scheduled EDR Contact: 04/21/2008
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/01/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/03/2007	Telephone: 202-366-4555
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 01/17/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/14/2008
	Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 11/14/2007	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 11/29/2007	Telephone: 202-366-4595
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 11/29/2007
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/28/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/03/2008
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/17/2008
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Semi-Annually

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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
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.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 12/10/2007
Next Scheduled EDR Contact: 03/10/2008
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
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: 01/14/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Varies

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: 12/28/2007
Date Data Arrived at EDR: 12/28/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 27

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Varies

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

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: 11/20/2007
Date Data Arrived at EDR: 01/03/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 48

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 01/03/2008
Next Scheduled EDR Contact: 03/24/2008
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 12/18/2007
Next Scheduled EDR Contact: 03/17/2008
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.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
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: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
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: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
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

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.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 45

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/26/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Varies

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: 07/27/2007
Date Data Arrived at EDR: 08/13/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
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: 04/12/2007
Date Data Arrived at EDR: 06/08/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 05/05/2008
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: 10/04/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 10/30/2007
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: 202-343-9775
Last EDR Contact: 01/31/2008
Next Scheduled EDR Contact: 04/28/2008
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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/04/2008
Date Data Arrived at EDR: 01/10/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 41

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: No Update Planned

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: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

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
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 11/26/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
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: 11/27/2007
Date Data Arrived at EDR: 11/28/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: No Update Planned

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: 12/12/2007
Date Data Arrived at EDR: 12/13/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 63

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Quarterly

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: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
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). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 02/05/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
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: 01/01/2008
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 01/23/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Quarterly

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: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date Data Arrived at EDR: 05/19/2003

Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786

Last EDR Contact: 02/11/2008

Next Scheduled EDR Contact: 05/12/2008

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: 01/07/2008

Next Scheduled EDR Contact: 04/07/2008

Data Release Frequency: Quarterly

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

Date Data Arrived at EDR: 02/28/2001

Date Made Active in Reports: 03/29/2001

Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-570-3769

Last EDR Contact: 02/19/2008

Next Scheduled EDR Contact: 05/19/2008

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: 01/07/2008

Date Data Arrived at EDR: 01/09/2008

Date Made Active in Reports: 02/14/2008

Number of Days to Update: 36

Source: State Water Resources Control Board

Telephone: see region list

Last EDR Contact: 01/09/2008

Next Scheduled EDR Contact: 04/07/2008

Data Release Frequency: Quarterly

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

Date Data Arrived at EDR: 02/26/2004

Date Made Active in Reports: 03/24/2004

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 760-776-8943

Last EDR Contact: 02/19/2008

Next Scheduled EDR Contact: 05/19/2008

Data Release Frequency: No Update Planned

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

Date Data Arrived at EDR: 09/05/1995

Date Made Active in Reports: 09/29/1995

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851

Last EDR Contact: 12/28/1998

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
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: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
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: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
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: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

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: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
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: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
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: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
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: 10/02/2007
Date Data Arrived at EDR: 10/03/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

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: 11/26/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 30

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/26/2007	Source: Department of Public Health
Date Data Arrived at EDR: 12/28/2007	Telephone: 707-463-4466
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 12/26/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/24/2008
	Data Release Frequency: Varies

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

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/27/2007	Telephone: 916-341-5712
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/06/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/09/2007	Telephone: 916-323-3400
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 02/05/2008
Number of Days to Update: 97	Next Scheduled EDR Contact: 05/05/2008
	Data Release Frequency: Varies

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 1980'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

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: 12/31/2005	Source: Office of Emergency Services
Date Data Arrived at EDR: 02/23/2007	Telephone: 916-845-8400
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 02/19/2008
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned

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: 01/03/2008
Date Data Arrived at EDR: 01/04/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/04/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

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: 11/27/2007
Date Data Arrived at EDR: 11/28/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

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: 07/31/2007
Date Data Arrived at EDR: 07/31/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 9

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 10/25/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 22

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 01/23/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 10/15/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

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: 11/27/2007
Date Data Arrived at EDR: 11/28/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

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: 12/31/2006
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
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: 12/31/2005
Date Data Arrived at EDR: 04/17/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/18/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Varies

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: 11/27/2007
Date Data Arrived at EDR: 11/28/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/17/2007
Date Data Arrived at EDR: 09/18/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 10

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/05/2008
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIBAL RECORDS

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: 02/08/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/05/2008
	Data Release Frequency: Semi-Annually

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: 12/01/2006	Source: EPA Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/19/2008
	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: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/12/2007	Source: EPA Region 6
Date Data Arrived at EDR: 12/12/2007	Telephone: 214-665-6597
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

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: 12/03/2007	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2007	Telephone: 303-312-6271
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

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: 11/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2007	Telephone: 415-972-3372
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/27/2007	Source: EPA Region 10
Date Data Arrived at EDR: 12/03/2007	Telephone: 206-553-2857
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-9424
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/21/2007	Source: EPA Region 5
Date Data Arrived at EDR: 12/21/2007	Telephone: 312-886-6136
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 12/12/2007	Source: EPA Region 6
Date Data Arrived at EDR: 12/12/2007	Telephone: 214-665-7591
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 12/03/2007	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2007	Telephone: 303-312-6137
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 49	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/30/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 11/27/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: 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

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: 01/28/2008
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 16

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/28/2008
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 10

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 70

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/26/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Semi-Annually

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: 01/16/2008
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 28

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/17/2008
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 12/17/2007
Date Data Arrived at EDR: 12/18/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 52

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

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: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/29/2007
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 23

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
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: 11/13/2007
Date Data Arrived at EDR: 11/20/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 86

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/14/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 12/10/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/30/2007
Date Data Arrived at EDR: 07/11/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 29

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 11/13/2007
Date Data Arrived at EDR: 11/20/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 80

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
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: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 12/13/2007
Date Data Arrived at EDR: 12/14/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 56

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/29/2007
Date Data Arrived at EDR: 12/19/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 51

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Semi-Annually

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

A listing of leaking 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: 02/14/2008
Number of Days to Update: 29

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Semi-Annually

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: 01/07/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/19/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 57

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/06/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 55

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/06/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/19/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 51

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/06/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007
Date Data Arrived at EDR: 07/23/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 17

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/06/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 50

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 08/06/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/24/2007
Number of Days to Update: 48

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 10/29/2007
Date Data Arrived at EDR: 10/30/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 10/29/2007
Date Data Arrived at EDR: 10/30/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 04/28/2008
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.

Date of Government Version: 12/28/2007
Date Data Arrived at EDR: 12/28/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 48

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 12/03/2007
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.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 01/04/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 9

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
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: 08/22/2007
Date Data Arrived at EDR: 10/03/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 35

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 01/04/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 12/18/2007
Date Data Arrived at EDR: 12/19/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 57

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 12/18/2007
Date Data Arrived at EDR: 12/19/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 51

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/18/2007
Date Data Arrived at EDR: 11/19/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 81

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/01/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 13

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 01/09/2008
Date Data Arrived at EDR: 01/11/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 02/01/2008
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 9

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 12/17/2007
Date Data Arrived at EDR: 12/19/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 57

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/30/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 9

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/22/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 23

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007
Date Data Arrived at EDR: 05/04/2007
Date Made Active in Reports: 05/24/2007
Number of Days to Update: 20

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

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: 11/26/2007
Date Data Arrived at EDR: 01/07/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 38

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
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: 08/01/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/26/2007
Date Data Arrived at EDR: 01/07/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 38

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/26/2007
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 30

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 10/16/2007
Date Data Arrived at EDR: 11/05/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 95

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Annually

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: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/03/2008
Next Scheduled EDR Contact: 03/31/2008
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: 11/26/2007
Date Data Arrived at EDR: 11/29/2007
Date Made Active in Reports: 02/05/2008
Number of Days to Update: 68

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/29/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/10/2008
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/10/2007
Next Scheduled EDR Contact: 09/10/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 10/01/2007
Date Data Arrived at EDR: 11/09/2007
Date Made Active in Reports: 01/15/2008
Number of Days to Update: 67

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 06/08/2007
Number of Days to Update: 42

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Annually

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 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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APPENDIX G
RESUMES OF ENVIRONMENTAL PROFESSIONALS

Jeriann N. Alexander, P.E., R.E.A.

Principal Engineer

EDUCATION: M.S. Civil Engineering, University of California, Berkeley, 1984 (specialization: geotechnical engineering)
B.S. Agricultural Engineering, California Polytechnic State University, San Luis Obispo, 1983

Continuing Education Seminars:

EPA All Appropriate Inquiry (AAI) Webinars, ASTM Environmental Site Assessments and Transaction Screens, Risk Based Corrective Action Applications, Human Health Risk Assessments, Remedial Actions, UST Regulations, Geotechnical Engineering, Regulatory Oversight, RWQCB Risk Based Screening Level Methodologies, CEQA/NEPA and EPA Risk Assessments

QUALIFICATIONS: Civil Engineer, California No. 40469
Environmental Assessor California No. 3130
OSHA 29 CFR 1910.120 40-hr. Hazardous Waste Training (current Nov. 2007)
OSHA 29 CFR 1910.120 8-hr. Training for Supervisors (current Jan. 2003)

EXPERIENCE: Ms. Alexander brings over 20 years of environmental consulting experience to Fugro.. Her environmental experience and training are uniquely complimented by her understanding and practical application of civil and geotechnical engineering practices. Projects benefit from her broad experience and knowledge of mechanical processes and waste stream generation and disposal practices.

Ms. Alexander has managed various environmental projects including Phase I and II environmental site assessments (ESA), facility audits, underground storage tank removals/closures, site characterization studies, hydrogeologic evaluations, remedial investigations, feasibility studies, and risk assessments. She has consulted on sites containing soil and/or groundwater impacted by lead; chromium; cyanide; DDT and other chlorinated pesticides and herbicides, fertilizers, cleaning solvents including Naphtha, PCE and TCE; oil containing PCB's; methane; waste oil; the full range of motor vehicle fuels; mine tailings; and incinerator wastes containing dioxin.

One of Ms. Alexander's particular strengths is with regard to state and local environmental regulations. She is particularly knowledgeable of the evolving regulations with respect to the use of risk assessments to attain reasonable environmental site closures. She has ongoing dialog with the local, city and county environmental agencies throughout California, and attends continuing education seminars on environmental trends. Ms. Alexander has applied the ASTM Risk Based Corrective Action (RBCA) and RWQCB Environmental Screening Level (formerly called Risk Based Screening Level) procedures in her evaluations of chemical release sites.

Jerianne N. Alexander, P.E., R.E.A.

Principal Engineer

From a geotechnical engineering standpoint, Ms. Alexander has investigated landslide areas, landfill properties, quarries, mine tailing piles, levees and embankments, pipeline alignments, bay fringe/port properties, dredge disposal sites, and sites proposed for commercial and residential redevelopment. She has provided recommendations for construction phasing, slope stability, soil stabilization, excavation, grading including fill quality and placement, retaining wall systems, underpinning, pavements and structural foundations.

Ms. Alexander is experienced in data management, data reduction and interpretation. Her interpretation and logical thinking skills provide her with the necessary background to provide technical and forensic review of documents in support of litigation. She has successfully participated in both environmental and geotechnical case mediations and at trials involving multiple parties.

Projects that Ms. Alexander has worked on are listed below:

ENVIRONMENTAL COMPLIANCE

Winery and Vineyard Properties, California - As the project manager for a major wine and spirits manufacturer, Ms. Alexander has performed facility hazardous materials audits, investigated existing environmental conditions and proposed mitigation measures to bring the facilities into regulatory compliance. Points of compliance have involved winery wastewater disposal basins and ponds, vineyard pesticide and hazardous materials storage buildings, and underground tanks.

Military Base Closures, California - Managed the investigation of over 40,000 linear feet of underground fuel pipelines and two 500,000-gallon UST locations at the Alameda Naval Air Station, 15,000 linear feet of underground fuel pipelines at Naval Station Treasure Island and a tank farm area at NAS Lemoore. Developed pipeline and tank removal work plans and participated in round table discussions with the Base Realignment and Closure Team regarding environmental issues.

Mine Tailings Pile, California - Conducted a geotechnical study at the request of the Department of Health Services of a site where gold mine tailings were used as fill for a residential subdivision. Provided recommendations for the use of a system consisting of a geotextile and import fill to create a cap over the exposed tailings. Managed the construction observation phase of work to check that geotechnical recommendations were implemented.

Monitoring Well Installation, Oakland, California - Managed the installation, development and sampling of a cluster of three monitoring wells for the Corps of Engineers during their evaluation of potential impacts due to the dredging of the Oakland Inner Harbor Channel. Wells extended into three discrete aquifer zones, the deepest being 160 feet deep.

Various Tank Closure Sites, California - Project manager for the investigation, remediation and closure of numerous underground tank release sites in the greater San Francisco Bay area. Work was performed at the request of the local enforcement agency and has involved both city and county environmental and toxic management offices. Obtained closure of several tank sites.

Jerriann N. Alexander, P.E., R.E.A.

Principal Engineer

Cleaning Solvent Release, Redwood City, California - Providing ongoing consultation and environmental review following the documentation of solvent impacts to the shallow aquifer. Project has involved round table discussions between project consultants, the RWQCB and County of San Mateo regarding the validity of data generated to date and scope of future studies.

Abandoned Plating Facility, Oakland, California - Ms. Alexander was the project manager responsible for coordinating an immediate response action and site closure at the direction of the EPA at an abandoned plating company. Vats and tanks of caustic and corrosive solutions and numerous chemicals were left inside a warehouse following an eviction notice. She managed the removal of the chemicals; tank and vat disassembling, floor slab and wall cleaning, and the collection of confirmation soil and surface wipe samples. Efforts undertaken were to the satisfaction of the EPA and the site was granted regulatory site closure status.

REAL ESTATE TRANSACTIONS

California Drive, Burlingame, California - Managed Phase I and II ESAs prior to the sale of an automobile dealership encompassing three contiguous properties along Burlingame's auto row. Releases from underground fuel tanks and hydraulic hoists impacted soil and groundwater. Off-site sources of petroleum hydrocarbons and chlorinated solvents were also identified.

Rock Quarry, Marin County, California - Managed a Phase I ESA for the refinancing of a 700-acre rock quarry that was originally developed in the late 1800. Performed comprehensive site reconnaissance and employee interviews regarding site activities. The quarry operation included rock crushing and handling equipment, vehicle and equipment maintenance shops, and motor vehicle fuel storage. Adjacent tenant activities included brick and clay product manufacturing

10-Acre Vineyard and Ranch, Rutherford, California - Ms. Alexander managed Phase I and II ESA's, and a hazardous building materials survey of the vineyard and ranch property prior to its sale. Studies identified that past pesticide and fuel usage had resulted in minor impacts to shallow soils near one of the buildings. Services also included providing recommendations for the removal of hazardous materials and asbestos from the existing buildings and the capping of the exposed ground surface with asphaltic concrete to mitigate human health risks due to petroleum hydrocarbons and pesticide residues.

Former Termite Control Business, Emeryville, California - Evaluated existing data and managed additional site investigations to determine impacts due to pentachlorophenol, following the purchase of a warehouse. Identified that the site was within a regional solvent plume. Discussed site conditions and future regulatory interaction with the City of Berkeley Toxic Management Department.

Lacquer Manufacturer, Berkeley, California - Managed the investigation and remediation of site releases as part of the sale of the property. Releases had occurred from a tank cluster, which stored naphtha, TCE and acetone used in the manufacturing of lacquer. Evaluated impacts to groundwater and obtained regulatory closure.

Jeriann N. Alexander, P.E., R.E.A.

Principal Engineer

Strip Mall Property, San Juan Capistrano, California - Managed the Phase II ESA for a strip mall as part of the sale of the property. The mall contained a dry cleaning business and studies by others had identified releases of dry cleaning solvents. Conducted an investigation of impacts to groundwater and performed a RBCA evaluation of potential risks associated with impacted shallow soils.

DEVELOPMENT

East 14th Street Residential Development, Oakland, California - Ms. Alexander managed the environmental and geotechnical investigations, and the construction observation services for this low-income residential development. Environmental tasks included conducting a preliminary ESA and site characterization study to determine whether risks to human health and the environment existed due to releases from a service station and car wash facility. Geotechnical tasks included foundation design and consultation during construction. Negotiated with Alameda County to approve onsite treatment of impacted soil and the reuse of the treated soil as site fill. Following construction, Ms. Alexander implemented a groundwater monitoring program and ultimately obtained regulatory site closure.

Paragon Gateway, Alameda, California - Managed the environmental and geotechnical investigation for a property that had been used as an automobile cargo-receiving center. Identified local environmental impacts to soil and groundwater due to the use of diesel as a cutter of a waxy substance used to protect the vehicles during shipment. Soft compressible soils and the potential for liquefaction and ground subsidence due earthquakes were the primary geotechnical concerns. Provided recommendation for site remediation and construction. Obtained regulatory closure.

Jackson Street High Rise, San Francisco, California - Conducted the geotechnical and environmental investigations for the redevelopment of the site as a 10-story residential structure with three levels of below ground parking. The site building dated back to the early 1920s and was used as an automobile repair facility. Underground fuel storage tanks still remained in place. Soil and groundwater were impacted at depth by aged gasoline and solvents. Managed the construction observation of the basement excavation and underpinning of adjacent foundations, as well as the construction of the new buildings foundations and basement wall subdrainage systems.

Former Sears Retail Facility - Managed the Phase I and II ESA and the geotechnical evaluation of the former Sears facility that consisted of two structures, the main retail facility and an automobile servicing facility. Coordinated the closure of underground tanks and sumps. Identified the alignment of a historic creek channel that contained impacted sediment and fill. Provided recommendations for construction phasing of the building demolition and basement in-filling to grade.

Jerianne N. Alexander, P.E., R.E.A.

Principal Engineer

TRANSPORTATION

Highway 4 Right-of-Way Project, Contra Costa County, California - Performed environmental assessments along Highway 4 for the Contra Costa County Public Works Department. Researched the historic use of the properties adjacent to the right-of-ways and coordinated the investigation of shallow soil quality along the highway. Studies identified the presence of elevated lead levels. Participated in round table discussions with the County and Caltrans regarding construction phasing and soil disposal issues.

Schnitzer Steel Facility Expansion, Oakland, California - Conducted the geotechnical investigation of a new ship loading facility. Investigation consisted of evaluating conditions both on and off shore. Evaluated the seismic and static stability of existing and proposed improvements including a rock fill containment dike and wharf mooring points.

Pier 35 Retrofit, Mare Island, Vallejo, California - Managed the geotechnical investigation for two new mooring dolphins, a new fendering system, new pile foundations and significant planned dredging at Pier 35. Nine offshore borings were drilled and several sediment samples were obtained. Developed design criteria for new piles, evaluated pile capacities of the existing piles and evaluated seismic stability for the elements of the retrofitted system.

LITIGATION SUPPORT

Marine Terminal, Oakland, California - Managing the environmental assessment of a 24-acre waterfront property in support of the plaintiff, the owner of the property. The property was developed in the late 1800's and has had a variety of uses. Responsible for reviewing historic documents and conducting investigations to evaluate the presence and impacts resulting from various tenant uses. Case is ongoing and requires preparation for and attendance at all technical mediation sessions.

Winery Property, ASTI, California - Providing the review of technical documents relating to the contamination identified during site redevelopment. Chemicals of concern include diesel and gasoline. Case is ongoing and support is being provided to a defendant, a prior property owner.

Automobile Repair Facility, Berkeley, California - Provided consultation regarding conditions encountered during tank removal and regulatory closure of the site. Provided expert testimony on the investigations conducted, the impacts identified, and their source. Support was provided to a former property owner, the plaintiff. Case is closed.

Property Transaction, Burlingame, California - Provided consultation regarding environmental impacts and the cost of regulatory compliance and the incremental cost of redevelopment for a former automobile dealership. Support is ongoing and is being provided to the new property owner.

Jerianne N. Alexander, P.E., R.E.A.

Principal Engineer

Sonoma Marsh Property, Sonoma County, California - Evaluated the characteristics of the shallow soil at the site in support of the property owner. Determined the permeability, salt content, and leachability of the soil. Case is closed.

PROFESSIONAL AFFILIATIONS:

American Society of Civil Engineers
Association of Environmental Professionals
American Society of Quality

Karen A. Emery

Project Geologist

EDUCATION: Bachelor of Science Degree in Geology, California State University
Hayward, 2004

QUALIFICATIONS: 40-Hour HAZWOPER Certified, Issue Date, May 27, 2005.

EXPERIENCE: In over 3 years of professional experience, Ms. Emery has developed a range of capabilities involving writing Phase I and Phase II Environmental Site Assessments, RAPs, RAWs, SAPs, QAPPs, and Closure Reports. She has experience overseeing projects from inception to completion and has interfaced with regulatory officials

Ms. Emery has experience supervising subcontractors while advancing borings using solid flight auger, hollow-stem auger, mud rotary, Geoprobe, and pitcher barrel drilling techniques. She has performed field investigations including logging of exploratory borings in accordance with the Unified Soil Classification System (USCS). She has conducted construction oversight including pier drilling and pile driving observation and assisted in geologic field investigations including fault trenching and landslide evaluations

The recent projects Ms. Emery has worked on are listed below:

Santa Paula Water Recycling Facility, Santa Paula, California –
Environmental Site Assessment

- Conducted a Phase I Environmental Site Assessment to assist Santa Paula Water LLC with due-diligence requirements
- Identified recognized environmental conditions judged to have the potential to affect construction workers at the site

Former Mission Dry Cleaners, Fairfield, California – Groundwater
Plume

- Used groundwater data to map flow direction of PCE plume
- Prepared Conceptual Site Model for Regional Water Quality Control Board (RWQCB) to characterize site for eventual closure
- Interfaced with City officials to obtain information for Preferential Pathway Study

Coliseum – BART Redevelopment Project, Oakland, California

- Prepared Quality Assurance Project Plan for the City of Oakland to satisfy USEPA Brownfield QAPP requirements
-

Karen A. Emery

Project Geologist

Lang Farms, Meridian, California - Hydrogeologic study for client's legal defense

- Installed groundwater monitoring wells
- Used groundwater data to map flow direction of Sacramento River
- Case was won using information obtained from this study

Bascom Avenue, Campbell, California - Unregistered Landfill

- Conducted Soil-gas vapor survey to determine vertical and lateral extent of VOCs and methane within landfill site

199 C Street, Hayward, California - Groundwater Plume

- Conducted Phase II Environmental Site Assessment of the subsurface soil and groundwater to determine vertical and lateral extent of offsite VOC plume
- Conducted Soil-gas vapor survey to determine vertical extent of VOCs within subsurface soil
- Assisted in writing the Remedial Action Plan (RAP), Removal Action Workplan (RAW) and Closure Report
- Interfaced with RWQCB to obtain Site Closure

Iron Horse Corridor- Water Pipeline Project, Walnut Creek, California

- Conducted Phase II Environmental Site Assessment of the subsurface soil for Polyaromatic Hydrocarbons (PAHs) and cyanide associated with the Southern Pacific Railroad

Cochrane Road Morgan Hill, California – Bio-Remediation of Dieldrin and Toxaphene impacted soil

- Teamed with Bio-Tech Restoration, North Carolina, to bio-remediate Dieldrin and Toxaphene impacted soil
- Obtained closure through DTSC within six months of application

Former North American Transformer Facility, Piper Drive, Milpitas, California – Bio-remediation of PCB impacted soil

- Conducted Phase II Environmental Site Assessment of the subsurface soil to determine lateral and vertical extent of PCB impacted soil
- Teamed with Bio-Tech Restoration, North Carolina to bio-remediate PCB impacted soil
- Obtained closure through DTSC within eighteen months of application.

PROFESSIONAL AFFILIATIONS:

Geological Society of America
Groundwater Resources Association of California
