



Phase I Environmental Site Assessment

Assessor's Parcel Numbers 625-140-08, and 626-070-33 & -57 550 Highway 75 and 624 7th Street Imperial Beach, California

Presented to:

BLUE WAVE ENTERPRISE, LLC
11273 Caminito Aclara
San Diego, California 92126

Presented by:

SCS ENGINEERS
8799 Balboa Avenue, Suite 290
San Diego, CA 92123
(619) 981-1324

July 17, 2018
Project Number: 01218158.00

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Mr. David Brienza
Manager
Blue Wave Enterprise, LLC
11273 Caminito Aclara
San Diego, California 92126

Subject: Phase I Environmental Site Assessment (Assessment)

**Site: Assessor's Parcel Numbers (APN) 625-140-08, and 626-070-33 & -57
550 Highway 75 and 624 7th Street
Imperial Beach, California 91932**

Dear Mr. Brienza:

SCS Engineers (SCS) is pleased to present this report (Report) of the Assessment of the above-described Site. This Report summarizes the results of the Assessment that was conducted for Blue Wave Enterprise, LLC (Client) in order to evaluate the Site's current environmental conditions. The work described in this Report was performed by SCS in general accordance with Exhibit 00 to the Master Services Agreement between SCS and Client for Professional Services (Contract). Exhibit 00 and the Contract were fully executed on June 29, 2018.

Because your full understanding of the Assessment is important to us, SCS recommends that you read the Report in its entirety. However, if time does not allow you a complete reading, summaries may be found in text boxes at the end of each section (pages 7, 14, and 17), and our conclusions and recommendations may be found on page 17. A glossary of terms commonly used in environmental assessments is also provided in the Appendices to this Report.

SCS enjoyed working with you on this project. Providing economical environmental solutions to meet your needs is more than our goal—it is our mission and the measure of our success. If we may assist you in any way, now or in the future, please call our office at (858) 571-5500.

Sincerely,



Harry Bishop
Project Professional
SCS ENGINEERS



Luke Montague, MESM, PG 8071
Project Manager
SCS ENGINEERS

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Department of Environmental Health Records for Properties in the Vicinity

Résumés

1 BACKGROUND

Based on conversations with Blue Wave Enterprise, LLC (Client) and a review of in-house databases, SCS Engineers (SCS) understands that 550 Highway 75 and 624 7th Street, Imperial Beach, California (Site), comprise approximately 1.3 acres that consist of vacant land with an address of 550 Highway 75, and one single-family residence (SFR) and a detached garage with an address of 624 7th Street. The Client is proposing to develop the Site with a mixed-use commercial project.

A review of the in-house ParcelQuest database of information from the San Diego County Assessor's Office provided the following information in connection with the Site.

APN	Address	Area	Description	Improvements Information
625-140-08	550 Highway 75	1.040 acres	Vacant land	N/A
626-070-33	Highway 75	0.146 acres	Vacant land	N/A
626-070-57	624 7 th Street	0.114 acres	SFR	N/A

2 STANDARDS BACKGROUND

This Assessment was conducted in general accordance with the following:

- U.S. Environmental Protection Agency (EPA), 40 Code of Federal Regulations (CFR) 312, Standards and Practices for All Appropriate Inquiries; Final Rule (AAI)
- American Society for Testing and Materials (ASTM) Standard Practice for Phase I Environmental Site Assessment Process E1527-13
- The scope, conditions, and limitations of Exhibit 00.

The Client understands that the above-referenced EPA and ASTM standards were not developed to identify all environmental risk to property. The standards were developed to allow a user (Client) to qualify for the innocent purchaser defense, bona fide prospective purchaser defense, and contiguous property owner defense to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA, a.k.a. Superfund) liability. This Assessment is intended to constitute an appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice, as part of the due diligence process required by CERCLA, the Superfund Amendments and Reauthorization Act of 1986, and the Small Business Liability Relief and Brownfields Revitalization Act of 2002 (collectively, Acts).

While this Assessment may initially qualify the Client for a CERCLA defense, after purchase, there may be continuing obligations that must be implemented in order to preserve this defense through the term of property ownership. There may be additional requirements under state law that also apply. The Client should contact qualified legal counsel regarding matters of liability, interpretation of the Acts, and potential continuing obligations. Although it is outside the scope

of this Assessment, SCS would be pleased to work with the Client's legal counsel to develop and implement a strategy to preserve the Client's CERCLA liability defenses through the term of its ownership.

This Assessment focused on potential sources of hazardous substances and petroleum products that could be considered either a recognized environmental condition,¹ controlled recognized environmental condition², or historical recognized environmental condition³, and potentially a liability due to their presence in significant concentrations (e.g., above acceptable limits set by the federal, state, or local government) or due to the potential for exposure and risk due to contaminant migration and complete exposure pathways (e.g., soil vapor inhalation or groundwater ingestion). Materials that contain substances that are not currently deemed hazardous by the EPA or the California Environmental Protection Agency were not considered as part of this Assessment.

Unless specifically included in SCS' scope of services, building materials such as asbestos, lead-based paint, urea formaldehyde, and pressure-treated lumber, as well as lead in drinking water, are not considered in this Assessment, nor are building issues such as fire safety, indoor air quality (with the possible exception of vapor intrusion), mold, or similar matters. SCS did not evaluate the Site for compliance with land use, zoning, wetlands, or similar laws. This Assessment also excludes regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, and high-voltage power lines. This Assessment is not intended to be an environmental compliance audit.

Hazardous substances occurring naturally in plants, soils, and rocks (e.g., heavy metals, naturally occurring asbestos, and radon) are not typically considered in these investigations. Similarly, construction debris (e.g., discarded concrete, asphalt) is not considered, unless obvious indications suggest that hazardous substances are likely to be present in significant concentrations or likely to migrate.

¹ *Recognized environmental conditions*, as defined by ASTM, include the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. However, the term is not intended to include *de minimis* conditions (a condition that generally does not present a threat to human health or the environment and that generally would not be subject to an enforcement action if brought to the attention of appropriate governmental agencies). A condition considered *de minimis* is not a recognized environmental condition.

² *Controlled recognized environmental condition*, as defined by ASTM, is a *recognized environmental condition* resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity use limitations, institutional controls, or engineering controls).

³ *Historical recognized environmental condition*, as defined by ASTM, is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

An evaluation of business environmental risk associated with a parcel of commercial real estate may necessitate investigation beyond that included herein.

3 OBJECTIVE

The objective of the scope of services was to assess the likelihood that recognized environmental conditions are present at the Site as a result of the current or historical Site land use or from a known and reported off-Site source.

4 SCOPE OF SERVICES

The scope of services designed and conducted to meet the objective was as follows:

- Site Reconnaissance, Site Research, Interviews, and User Requirements
- Topography, Geology, Hydrogeology, and Water Quality Survey
- Site Vicinity Reconnaissance and Off-Site Source Survey
- Historical Site and Site Vicinity Land Use Review
- Identification of Data Gaps
- Data Evaluation, Figure Preparation, and Assessment Report Preparation

SITE RECONNAISSANCE

On July 10, 2018, SCS personnel conducted a Site reconnaissance to observe and document existing Site conditions¹. The general Site location is shown in Figure 1, and a Site and Site Vicinity Plan is shown in Figure 2. Selected color photographs of the Site and Site vicinity are presented as Figures 3a through 3g.

The Site grounds and Site perimeter were systematically traversed on foot during the Site reconnaissance. Access to the single SFR and garage was not available at the time of the Site reconnaissance.

General Information

The following table summarizes general information in connection with the Site.

APNs	625-140-08, and 626-070-33 & -57
Address	550 Highway 75 and 624 7 th Street, Imperial Beach, California
Area	Approximately 1.3 acres
Site Land Use	Single-family residence and vacant land

Occupants	None (vacant land and vacant SFR)
Figure Reference	Figures 3a-1 and 3a-2

Site Buildings

The following table summarizes information in connection with the Site buildings.

Number of Buildings	2
Interpreted Construction Date	Circa 1949
Number of Stories	1
Construction Type	Wood frame, stucco-covered exterior walls, concrete slab-on-grade foundations
Figure Reference	Figures 3a-1 and 3a-2

One SFR and a garage were observed to be located on the Site parcel identified with the address of 624 7th Street on the eastern portion of the Site (Figures 3a-1 and 3a-2). The SFR was observed to be surrounded by a board fence with a locked gate on 7th Street. As noted above, access to the SFR was not available at the time of the Site visit. No indications of the presence of hazardous materials/petroleum products or hazardous waste were observed.

Site Grounds

In addition to the SFR discussed above, the Site was observed to include a vacant lot in the process of being redeveloped. Construction equipment and material was observed at various locations on the Site (Figures 3b-1 to 3d-1). Piles of what was interpreted to demolition material and cleared vegetation were observed at various locations. No indications of hazardous materials/wastes or petroleum products were observed.

Hazardous Materials / Petroleum Products

No obvious indications of the storage or use of hazardous materials and/or petroleum products were observed at the Site during the Site reconnaissance.

Hazardous Wastes

No obvious indications of the generation of hazardous wastes were observed at the Site during the Site reconnaissance.

Indications of Releases of Hazardous Materials/Wastes or Petroleum Products

No obvious indications were observed that a release of hazardous materials/wastes or petroleum products had occurred at the Site.

On-Site Utilities

Gas and Electricity	Reported to be San Diego Gas and Electric (SDG&E)
High-power Transmission Lines	None observed at or adjacent to the Site
Storm Drains	None observed to be located at the Site
Source of Heating and Cooling	Reported to be SDG&E
Potable Water Source	Reported to be supplied by the California American Water Service
Wastewater Conveyance	Reported to be operated by the City of Imperial Beach

No SDG&E transformers were observed to be located at the Site. No obvious indications of wells, cisterns, pits, sumps, dry wells, or bulk storage tanks were observed at the Site.

SITE RESEARCH

Department of Environmental Health (DEH) File Review

A review of the September 2010 DEH HMMD HE-17 database of facilities storing hazardous materials, generating hazardous wastes, and discharging unauthorized releases indicated that there is no regulatory file associated with the Site. In addition, the DEH was contactedⁱⁱ and indicated that there are no files associated with the Site.

Fire Department Records Review

The City of Imperial Beach Fire Department (IBFD) was contacted and reported that they had no hazardous materials/waste or UST records for Site.

Building Department Records Review

A request was submitted to the Imperial Beach Building Department (IBBD) for records in connection with the Site, but a response has not been received as of the date of this Report.

San Diego Air Pollution Control District (SDAPCD) Records Review

The SDAPCD was contactedⁱⁱⁱ regarding records for the Site. Ms. Cynthia Gould of the SDAPCD reported that the APCD has no records for the Site.

San Diego Industrial Wastewater Program (IWP) Records Review

The IWP was contacted^{iv} regarding records for the Site. The IWP reported that they had no records for the Site.

INTERVIEWS

The previously referenced EPA and ASTM standards require that attempts be made to conduct interviews with past and present owners and occupants of the Site to obtain information indicating recognized environmental conditions in connection with the Site. As part of this Assessment, the following contacts were either interviewed or attempts were made to conduct interviews.

Contact	Affiliation to Site	Description	Interview Date
Mr. David Brienza Manager Blue Wave Enterprise, LLC	Client and Current Site owner (550 Highway 75)	Discussed below	July 11, 2018

Mr. Brienza stated that, to his knowledge, and with the possible exception of typical construction related activities, hazardous materials and petroleum products were not used or stored at the Site and that hazardous wastes were not generated at the Site. Also, to his knowledge, there have been no releases of hazardous materials, petroleum products, and/or hazardous waste at the Site.

Mr. Brienza stated that he was not aware of environmental cleanup liens or activity and use limitations (e.g., engineering controls, deed restrictions) that have been recorded for the Site. He was not aware of pending or threatened litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the Site. He was not aware of notices from governmental entities regarding possible violations of environmental laws or possible liability relating to hazardous substances or petroleum products at the Site.

USER REQUIREMENTS

In order to qualify for one of the landowner liability protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (discussed in the “Background” section), 40 CFR 312 requires that the user (Client) provide the following information to the environmental professional. Mr. David Brienz, Manager Blue Wave Enterprise, LLC completed the User Questionnaire on June 25, 2018. The following table summarizes the responses by the Client.

Question	Response
Have environmental cleanup liens been filed or recorded against the Site?	No
Are activity or land use limitations in place at the Site, or have they been filed or recorded in the registry?	No
Does the user have specialized knowledge or experience in connection with the Site?	No
Does the purchase price being paid for the Site reasonably reflect the fair market value of the Site?	Yes
Is the Client aware of commonly known or reasonably ascertainable information about the Site that would indicate releases or threatened releases?	No

Are there obvious indications that point to the presence of contamination at the Site?	No
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Data Gaps in Connection With Current Site Land Use

Based on observations and research, and with the possible exceptions discussed below, there are no obvious indications of data gaps in connection with the current Site land use:

- SCS was not able to interview the reported owner of the SFR reported to be part of the Site. Mr. Brienza, Manager, Blue Wave Enterprises, LLC (Client) stated that Blue Wave Enterprises is process of purchasing the property and that the escrow is expected to close next month. This data gap is not a significant data gap in our opinion based on the type of structures (SFR) and availability of other relevant information.
- Access to the SFR was not available at the time of the Site inspection. This data gap is not a significant data gap in our opinion based on the type of structures (SFR) and availability of other relevant information.
- As of the time of publication of this Report, records had not been received from the IBBD. This data gap is not a significant data gap in our opinion based on the availability of other relevant information.
- The current Site owner did not have contact information for previous owners or tenants of the Site. Additionally, SCS was unable to find contact information for previous Site owners or tenants via online searches. Therefore, interviews were not conducted with previous Site owners or tenants. This data gap is not a significant data gap in our opinion based on the availability of other relevant information.

Findings and Opinions—Current Site Land Use

Based on observations and research, it is our opinion that there are no recognized environmental conditions at the Site as a result of the current Site land use.

TOPOGRAPHY, GEOLOGY, HYDROGEOLOGY, AND WATER QUALITY SURVEY

Topography

A topographic map for the Site vicinity was reviewed and is summarized in the following table.

Reported Elevation	22 feet above mean sea level
Reported Slope Direction	Slopes down to the west
Source	United States Geological Survey 7.5 Minute Topographic Map, Imperial Beach Quadrangle, California – San Diego County, 2012

Geology

A geological map for the Site vicinity was reviewed and is summarized in the following table.

Reported Formation	Old paralic deposits, Unit 6 (Qop6)
Reported Description	Poorly sorted, moderately permeable, reddish-brown, interfingered strand-line, beach, estuarine and colluvial deposits composed of siltstone, sandstone and conglomerate.
Source	Kennedy, Michael P., and Siang S. Tan, <i>Geologic Map of the San Diego 30' × 60' Quadrangle, California</i> , California Geological Survey, 2008

Hydrogeology

Based on the DEH file review for a property located southeast of the Site at 681 Highway 75 (summarized in the 'Additional SCS Research' section below), the reported depth to groundwater at 681 Highway 75 was 22 feet below grade, and groundwater flow was reported to be generally to the west, toward the Pacific Ocean. Based on SCS' experience, groundwater elevations and gradients at the Site may be tidally influenced due to the proximity of the Pacific Ocean and San Diego Bay. Many variables influence groundwater depth and flow direction, and the actual depth and flow direction at the Site may be different from the estimates presented in this section.

Water Quality Survey

The following table summarizes the reported water quality in the Site vicinity.

Reported Hydrologic Subarea	None
Reported Hydrologic Area	Otay Valley Hydrologic Area (910.2)
Reported Hydrologic Unit	Otay Hydrologic Unit (910)
Reported Beneficial Use	Exempt from municipal use designation

SITE VICINITY RECONNAISSANCE AND OFF-SITE SOURCE SURVEY

Current Site Vicinity Conditions

The following table summarizes land use and observations in the immediate Site vicinity^v. For the purpose of this Report, the immediate Site vicinity includes those properties judged to be adjacent⁴ to the Site.

Direction	Land Use	Comments
North	Bayside Landing (MFRs) (500 Highway 75) (Figure 3e-2)	No obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed.
East	SFRs (590 to 612 7 th Street) and MFR (Figures 3f-1 and f-2) (613 7 th Street) Don Pancho's Mexican Food (690 Highway 75) (Figure 3g-1)	
South and West	Pepper Tree Apartments (650 Palm Avenue) Imperial Trailer Park (674 Palm Avenue) (Figure 3g-2)	

Environmental Regulatory Database Report

An environmental regulatory database report (Radius Map™ report^{vi}) was prepared by EDR for the Site. Local, state, and federal regulatory databases were reviewed for the Site and for those facilities within up to 1 mile of the Site. The Radius Map™ report was reported to have been prepared in general accordance with the ASTM standard for the regulatory database review for Phase I Environmental Site Assessments. The locations of the referenced facilities relative to the Site are shown on the overview maps, included in the Radius Map™ report. A description of the various databases, as well as the date each database was most recently updated, is included in the Radius Map™ report. The Radius Map™ report is included in the Appendices to this Report.

4. *Adjacent* is defined by ASTM E1527-13 as any real property or properties the border of which is contiguous or partially contiguous with that of the Site or that would be contiguous or partially contiguous with that of the Site but for a street, road, or other public thoroughfare separating them.

Based on a review of the Radius Map™ report, the following table summarizes the facilities within the selected search radii and whether the Site or a facility that was interpreted to be adjacent to the Site was listed on each database.

Federal or State Government Database	Search Radius	Number of Reported Facilities	On Site	Adjacent to the Site
National Priorities List (NPL)	1.00 mile	0	No	No
NPL Delisted	1.00 mile	0	No	No
Superfund Enterprise Management System (SEMS)	0.50 mile	0	No	No
No Further Remedial Action Planned (NFRAP)	0.50 mile	0	No	No
Resource Conservation and Recovery Act– Corrective Action (RCRA COR ACT)	1.00 mile	0	No	No
RCRA Treatment and Disposal Facilities (RCRA TSD)	0.50 mile	0	No	No
RCRA Generators (RCRA GEN)	0.25 mile	2	No	Yes
Federal Engineering and Institutional Controls (IC/EC)	0.50 mile	0	No	No
Emergency Response Notification System (ERNS)	0.12 mile	0	No	No
State/Tribal- Equivalent NPL	1.00 mile	0	No	No
State/Tribal-Equivalent CERCLIS (ENVIROSTOR)	1.00 mile	4	No	No
State/Tribal Solid Waste List (SWL)	0.50 mile	0	No	No
State/Tribal Leaking Underground Storage Tanks (LUST, San Diego County Site Assessment and Mitigation [SAM], Spills, Leaks, Investigation, and Cleanup [SLIC])	0.50 mile	19	No	Yes
State/Tribal Underground/Aboveground Storage Tanks (USTs/ASTs)	0.25 mile	2	No	No
State/Tribal Voluntary Cleanup Program (VCP)	0.50 mile	0	No	No
Federal Brownfields	0.50 mile	0	No	No
Other Haz Sites (San Diego Hazardous Materials Management Division [HMMD])	Site only	0	No	N/A
Local Lists of Hazardous Waste/Contaminated Sites (San Diego HMMD)	Site only	0	No	N/A
Local Lists of Registered Storage Tanks (Statewide Environmental Evaluation and Planning	0.25 mile	3	No	No

Federal or State Government Database	Search Radius	Number of Reported Facilities	On Site	Adjacent to the Site
System [SWEEPS UST], Historic UST, CA Facility Inventory Database [FID] UST)				
Local Land Records (DEED)	0.50 mile	0	No	No
Other (Notify 65, RCRA NonGen, HAZNET)	0.12 mile	0	No	No
EDR High Risk Historical Records (Historic Auto, Historic Cleaner, Manufactured Gas Plant [MGP])	0.125 mile	4	No	Yes

N/A = Not applicable

The Site was not listed on any of the regulatory databases reviewed.

Off-Site facilities listed in the RadiusMap™ report were evaluated as to their potential to impact the Site. The databases included in the Radius Map™ report can be grouped into two general categories: databases reporting unauthorized releases of hazardous substances or petroleum products (e.g., LUSTs, RCRA COR ACT facilities, National Priorities List [a.k.a. Superfund] sites) and databases reporting permitted hazardous materials users and hazardous waste generators for which a release has not been reported to, and recorded by, the regulatory agency.

SCS evaluated each of the off-Site facilities listed in the Radius Map™ report as to their potential to impact the Site, based on the following factors:

- Reported distance of the facility from the Site⁵
- The nature of the database on which the facility is listed, and/or whether the facility was listed on a database reporting unauthorized releases of hazardous materials, petroleum products, or hazardous wastes
- Reported case type (e.g., soil only, failed UST test only)
- Reported substance released (e.g., chlorinated solvents, gasoline, metals)
- Reported regulatory agency status (e.g., case closed, “no further action”)

⁵ Based on State Water Resources Control Board’s “Technical Justification for Groundwater Media-Specific Criteria,” (Groundwater Study) (April 2012), developed to support the State of California “Low Threat Closure Policy” (adopted May 2012), “plume length studies recognize that petroleum plumes stabilize in length due to natural attenuation.” The Groundwater Study goes on to cite Shih T., Y. Rong, T. Harmon, and M. Suffet, 2004, “Evaluation of the impact of fuel hydrocarbons and oxygenates on groundwater resources” (Environmental Science & Technology. Vol. 38, No. 1: 42-48) that a peer-reviewed study of plume lengths at 500 petroleum UST sites in the Los Angeles area is widely accepted as representative of plume lengths at California UST sites. Shih et al. reports methyl tertiary butyl ether (MTBE), with 90th percentile maximum plume lengths of 540 feet. Therefore, the detailed review radius for open groundwater cases has been conservatively established by SCS at 0.20 mile (approximately 1,000 feet). For non-release cases (e.g., permitted facilities), only those facilities that were judged to be immediately adjacent to the Site were interpreted to have the potential to represent a recognized environmental condition.

- Location of the facility with respect to the reported groundwater flow direction and depth to groundwater (discussed in the “Hydrogeology” section of this Report)

Based on one or more of the factors listed above, and with possible exceptions discussed in the Additional SCS Research section below, there is a low likelihood that the off-Site facilities listed in the Radius Map™ report represent a recognized environmental condition in connection with the Site.

EDR listed two facilities as being “orphans,” which are facilities for which EDR does not have sufficient information to accurately locate them on a map. Based on a review of the orphans, it is interpreted that none of the facilities are within the requisite search radii for their reported database listings.

Additional SCS Research

H110911 - 674 Palm Avenue – AB Brite Cleaners (Approximately 200 feet south)

A dry cleaner identified as AB Brite Cleaners and Laundries at 674 Palm Avenue is situated approximately 200 feet south of the Site, and is listed on the HAZNET and RCRA-SQG databases. This facility is listed on the HAZNET database as using halogenated liquid. Based on a review of city directories, this dry cleaning facility has reportedly been located at 674 Palm Avenue for approximately 51 years (from 1967 to present).

Based on its listing on the RadiusMap™ report and the proximity of this facility to the Site, the DEH files for this facility reviewed. The following table summarizes the Compliance Inspection Report (CIR) dates, hazardous wastes reported to be generated, and violations of the hazardous waste control law.

Years Listed	Hazardous Waste (Quantities)	Violations
1996, 1998, 1999, 2000, 2004, 2005, 2007, 2008, 2009, 2010, 2011, 2012	Waste tetrachloroethylene (PCE) filters	Record keeping, hazardous waste containers not properly labeled

The CIRs indicate that administrative violations were received for failure to maintain disposal records for waste filters and for lacking adequate labeling for drums of hazardous wastes. The violations were corrected by AB Brite Cleaners and documented by the DEH. Based on our experience, dry cleaning facilities used and store tetrachloroethylene (PCE); generate waste such as still bottoms and used filters; and often experienced releases to the soil, soil vapor, and/or groundwater. Although, based on available data, there are no known and reported releases in connection with this facility, in our experience, over time, PCE liquid and vapor have the ability to permeate flooring and building foundations, entering the subsurface soils and potentially impacting groundwater. It is not known what time frame is required for this to occur. Many property owners and lenders have established a Phase II sampling “trigger” of 5 to 7 years (i.e., dry cleaning facilities in operation over 5 years are subject to Phase II subsurface testing for the

presence of PCE), and in some cases, as little as 2 years. While it is unclear from the available data, SCS believes that there is the potential for subsurface impacts, including groundwater (reported to be approximately 22 feet below grade), given the tendency for PCE to migrate through flooring and building foundations.

Based on the interpreted distance from the Site (approximately 200 feet), the reported regulatory oversight of this facility and the lack of known and reported releases from this facility, the reported depth to groundwater (22 feet below grade), and location with respect to the reported groundwater flow direction (cross gradient), there is a low likelihood that a recognized environmental condition exists at the Site in connection with the listing of this facility on the HAZNET and RCRA-SQG database.

H26463-001 - 600 Palm Avenue – Silver Strand Plaza (southwest of the Site)

Silver Strand Plaza is located adjacent to the southwest of the Site at 600 Palm Avenue, and based on its listing in the LUST and San Diego County Site Assessment and Mitigation program databases; the DEH file for this facility was reviewed.

A gasoline service station was historically present at 600 Palm Avenue between 1966 and 1980 and was the site of a UST release discovered in 1988. Based on a review of historic aerial photographs, the former gasoline service station is interpreted to have been located at the northeast corner of the intersection of Palm Avenue and Rainbow Drive, approximately 500 feet south of the Site. The DEH files for this facility include technical reports, letters, and memorandums related to the release. The letters and reports indicate that gasoline was discovered leaking during the removal of four USTs (three gasoline and one waste oil) at the former gasoline station site. This release was reported to regulatory agencies on March 3, 1988, although the time period and the amount of gasoline released are unknown. After testing showed elevated levels of petroleum hydrocarbons were present in the soil; twenty one 55-gallon drums of gasoline-impacted soil and groundwater were removed from the site during the cleanup phase of the facility remediation.

A letter dated March 24, 1988, issued by the DEH, stated that the technical reports submitted by Applied Geoscience and American Engineering regarding site characterization activities were reviewed and discussed with the Regional Water Quality Control Board (RWQCB). Based on the DEH and RWQCB review, the facility did not require further mitigation and that no further action was required at that time.

Based on the low reported concentrations of petroleum hydrocarbons left-in-place at this facility, the case closed status, the interpreted distance of this facility to the Site (approximately 500 feet), depth to groundwater (approximately 22 feet below grade), and the cross-gradient position of this facility relative to the Site with respect to groundwater flow direction, there is a low likelihood that a recognized environmental condition exists at the Site in connection with the listing of this facility on the HAZNET database.

H05459-002 - 681 Highway 75 – Mobile Station (southeast of the Site)

The 681 Highway 75 facility identified as a Mobil gasoline service station is listed on the HAZNET, LUST, UST, SLIC, and San Diego SAM regulatory databases. On December 2, 1987, one 280-gallon UST was removed and one 550-gallon UST was installed at this facility. A report titled, *Preliminary Environmental Site Assessment, Mobil Service Station/ SS # 18-FPL, 681 Highway 75, Imperial Beach, California*, dated April 13, 1989, and prepared by Owen Consultants (OC) was completed for the property. It was reported by OC that groundwater is approximately 22 feet below grade and flows generally to the west.

Based on the absence of additional regulatory oversight of the property and the interpreted distance of this facility to the Site (approximately 230 feet), depth to groundwater (approximately 22 feet below grade), and the cross-gradient position of this facility relative to the Site with respect to groundwater flow direction, there is a low likelihood that a recognized environmental condition exists at the Site in connection with the listing of this facility on the regulatory databases.

California Division of Oil and Gas

SCS personnel reviewed the California Division of Oil and Gas Map regarding oil and gas well locations within 1 mile of the Site^{vii}. There were no wells interpreted to be located within a 1-mile radius of the Site.

DATA GAPS IN CONNECTION WITH OFF-SITE SOURCES

Based on the Site vicinity reconnaissance and off-Site source survey, there are no obvious indications of data gaps in connection with off-Site sources.

Findings and Opinions—Off-Site Source Survey

Based on the off-Site source survey, several facilities in the Site vicinity were reported to have had releases of hazardous materials/waste or petroleum products. However, it is our opinion that there are no recognized environmental conditions at the Site as a result of known and reported releases of hazardous materials/wastes or petroleum products from an off-Site source. This opinion is based on one or more of the following: reported regulatory status (e.g., case closed), media affected (e.g., soil contamination only), distance from the Site, direction from the Site with respect to reported groundwater flow direction, and information obtained through a review of County of San Diego Department of Environmental Health files.

HISTORICAL LAND USE REVIEW

In accordance with the ASTM Standard and AAI rule, numerous reasonably ascertainable standard historical information sources were reviewed, and an attempt was made to interpret the historical Site and Site vicinity land use back to the obvious first developed use of the Site. The following table summarizes the historical resources reviewed as part of this Assessment.

Resource	Source	Years Available
Aerial Photographs	NETR Online (http://www.historicaerials.com) Google Earth	1928, 1948, 1953, 1964, 1980, 1989, 1994, 1996, 2000, 2001, 2002, 2003, 2004, 2005, 2007, 2008, 2009, 2010, 2012
City Directories	San Diego Central Library	1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005, 2010
Sanborn Fire Insurance Maps	In-House Collection	None were available for the Site
Topographic Maps	In-House Collection	1904, 1930, 1943, 1996
Building Department Records	IBBD	Not provided
Fire Department Records	IBFD	Not provided
Interviews	Not applicable	Discussed in the "Interviews" section above

Historical Site Land Use

The following table provides a chronology of the apparent historical Site land uses, as interpreted from a review of information from the sources referenced.

Year	Interpreted Site Tenants	Interpreted Site Use
1904-1953	Unknown	No improvements shown (Site land use not specified on the topographic maps reviewed)
1964-2012	Various	Hotel and SFR
2013-2017	None	Vacant lot and SFR
2018	None	Under development and SFR

Because many of the dates listed above are based on a limited selection of historical resources, they are considered to be approximations only; the actual beginning/ending dates for many of the Site uses listed above may have been earlier or later than indicated.

No obvious historical facilities, features of concern, or land uses indicative of the use, storage, or generation of hazardous materials/wastes or petroleum products were found in the historical resources reviewed.

Historical Site Vicinity Land Use

The following table provides a chronology of the apparent historical Site vicinity land uses as interpreted from a review of information from the sources referenced.

Years	Interpreted Site Vicinity Tenants	Interpreted Site Vicinity Use
500 Highway 75 (North)		
1904	Unknown	No improvements shown (Site land use not specified on the topographic maps reviewed)
1928	Unknown	Agricultural
1953	Vacant	None
1964-1975	Silver Strand Mobile Village	Residential
1980 -2017	Bernardo Shores RV Park	Residential
2017 -2018	Bayside Landing (MFRs)	Residential
590 to 612 7th Street (East)		
1904	Unknown	No improvements shown (Site land use not specified on the topographic maps reviewed)
1928	Unknown	Agricultural
1953-2018	Various residences	SFRs
650 Palm Avenue (South)		
1904	Unknown	Agricultural or vacant land
1928	Unknown	Agricultural
1953	Unknown	Residential
1966-1980	No address listed	Unknown
1985-1990	Palm Apartments	Residential
1995-2018	Pepper Tree Apartments, various residential tenants	Residential
674 Palm Avenue (South)		
1904	Unknown	No improvements shown (Site land use not specified on the topographic maps reviewed)
1928	Unknown	Agricultural
1953	Unknown	Residential
1965	The Imperial Trailer Park/ Spotless Cleaners and Laundry	Commercial/Residential

Years	Interpreted Site Vicinity Tenants	Interpreted Site Vicinity Use
1967-1980	Coin-Op Laundry and Dry Cleaner Equipment Sales/The Imperial Trailer Park/Spotless Cleaners and Laundry	Commercial/Residential
1980-2018	The Imperial Trailer Park/ A B Brite Cleaners and Laundry	Commercial/Residential

Because many of the dates listed above are based on a limited selection of historical resources, they are considered to be approximations only; the actual beginning/ending dates for many of the Site vicinity uses/development described above may have been earlier or later than indicated.

No obvious historical facilities, features of concern, or land uses indicative of the use, storage, or generation of hazardous materials/wastes or petroleum products were found in the historical resources reviewed.

Data Gaps in Connection With the Historical Site Land Use

Readily available historical information was limited, and information was not available that would provide 5-year data intervals between 1904 and 1928 and 1930 and 1943. Based on the corroborating data from the historical information reviewed, we judged it likely that the historical Site land use during this time period was not significantly different from our interpretation presented in the table above. The year the Site was first developed (for hotel and SFR use) is interpreted to have been prior to 1964.

Findings and Opinions—Historical Site and Site Vicinity Land Use

Based on a review of historical resources, it is our opinion that there are no recognized environmental conditions at the Site as a result of a release of hazardous materials/wastes or petroleum products from a known or interpreted historical Site or Site vicinity land use.

5 CONCLUSION

SCS has performed an Assessment of 550 Highway 75 and 624 7th Street, Imperial Beach, California (Site), in general conformance with the ASTM Standard Practice for Phase I Environmental Site Assessment Process E 1527-13 and the EPA, 40 CFR 312, Standards and Practices for All Appropriate Inquiries, Final Rule (AAI). Any exceptions to, or deletions from, the ASTM and AAI Scope of Work were previously described in this Report where applicable.

This Assessment has revealed no evidence of a recognized environmental condition in connection with the Site.

This Assessment has been conducted by an environmental professional whose qualifications⁶ were made known to the Client. The conclusion presented above is based on the review of readily available data obtained as part of this Assessment, current regulatory guidelines, the Site and Site vicinity reconnaissance, and SCS' experience.

6 REPORT USAGE AND FUTURE SITE CONDITIONS

This Report is intended for the sole usage of the Client and other parties designated by SCS. The methodology used during this Assessment was in general conformance with the requirements of the Client and the specifications and limitations presented in the Consulting Agreement (Contract) between the Client and SCS. This Report contains information from a variety of public and other sources, and SCS makes no representation or warranty about the accuracy, reliability, suitability, or completeness of the information. Any use of this Report, whether by the Client or by a third party, shall be subject to the provisions of the Contract between the Client and SCS. Any misuse of or reliance upon the Report shall be without risk or liability to SCS.

Assessments are qualitative, not comprehensive, in nature and may not identify all environmental problems or eliminate all risk. For every property, but especially for properties in older downtown or urban areas, it is possible for there to be unknown, unreported recognized environmental conditions, USTs, or other features of concern that might become apparent through demolition, construction, or excavation activities, etc. In addition, the scope of services for this project was limited to those items specifically named in the scope of services for this Report. Environmental issues not specifically addressed in the scope of services for this project are not included in this Report.

Land use, condition of the properties within the Site, and other factors may change over time. The information and conclusions of this Report are judged to have been relevant at the time the work described in this Report was conducted. This Report should not be relied upon to represent future Site conditions unless a qualified consultant familiar with the practice of Phase I Environmental Site Assessments in the County of San Diego is consulted to assess the necessity of updating this Report.

The property owners at the Site are solely responsible for notifying all governmental agencies and the public of the existence, release, or disposal of any hazardous materials/wastes or petroleum products at the Site, whether before, during, or after the performance of SCS' services. SCS assumes no responsibility or liability for any claim, loss of property value, damage, or injury that results from hazardous materials/wastes or petroleum products being present or encountered within the Site.

Although this Assessment has attempted to assess the likelihood that the Site has been impacted by a hazardous material/waste release, potential sources of impact may have escaped detection

6. SCS declares that, to the best of its professional knowledge and belief, the reviewer meets the definition of Environmental Professional as defined in section 312.10 of 40 CFR 312 and has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. SCS has developed and performed All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR 312. The qualifications of the report preparers are included in the Appendices.

for reasons that include, but are not limited to, (1) inadequate or inaccurate information rightfully provided to SCS by third parties, such as public agencies and other outside sources; (2) the limited scope of this Assessment; and (3) the presence of undetected, unknown, or unreported environmental releases.

7 SPECIAL CONTRACTUAL CONDITIONS BETWEEN USER AND ENVIRONMENTAL PROFESSIONAL

There were no special contractual conditions between the user of this Assessment, the environmental professional, and SCS.

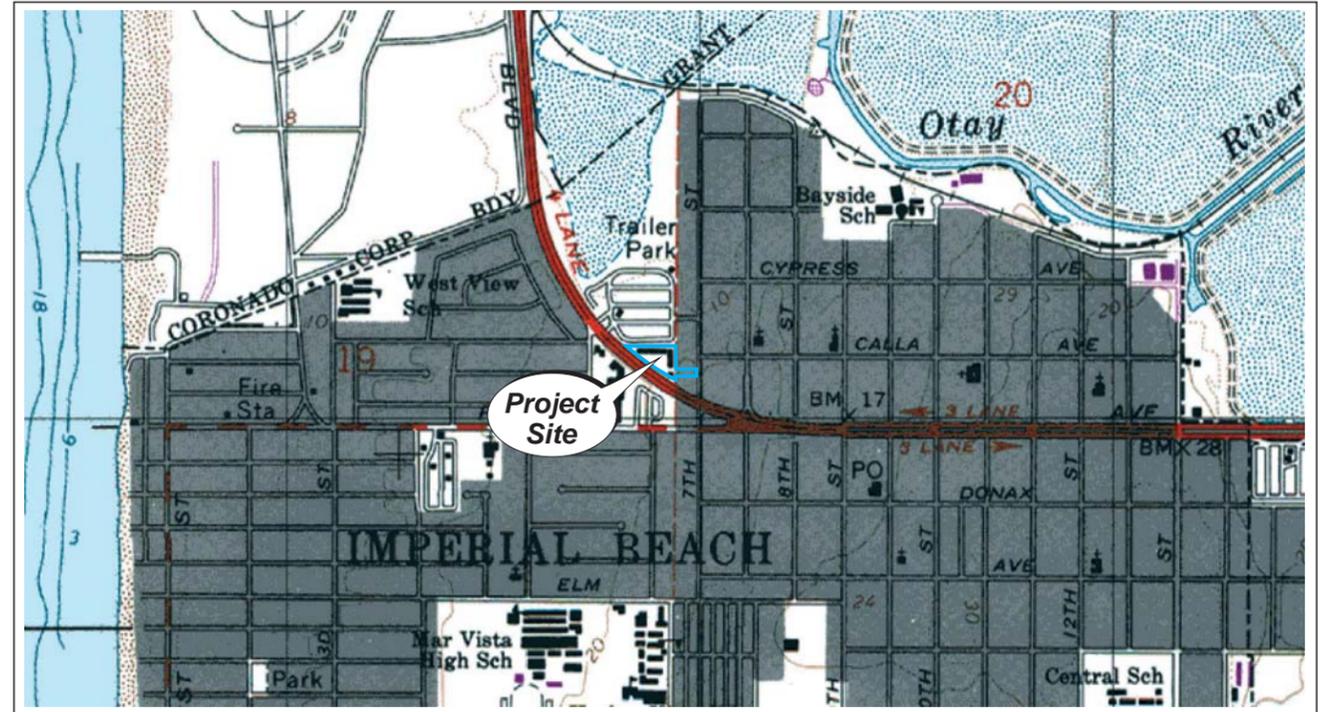
8 ENDNOTES

-
- i. Site reconnaissance conducted by Harry Bishop (SCS) on July 10, 2018.
 - ii. Records request—County of San Diego Department of Environmental Health by Harry Bishop (SCS) on July 10, 2018.
 - iii. Records request—San Diego County Air Pollution Control District (SDAPCD) by Harry Bishop on July 10, 2018.
 - iv. Records request—City of San Diego Industrial Waste Program by Harry Bishop on July 10, 2018.
 - v. Site vicinity reconnaissance conducted by Harry Bishop (SCS) on July 10, 2018.
 - vi. EDR, “Radius Map™ Report,” unpublished report prepared for Site address, dated July 13, 2018.
 - vii. California Division of Oil, Gas, and Geothermal Resources Online Mapping System, <http://maps.conservation.ca.gov/doms/doms-app.html>.

FIGURES



REGIONAL SITE LOCATION



2-DIMENSIONAL SITE LOCATION

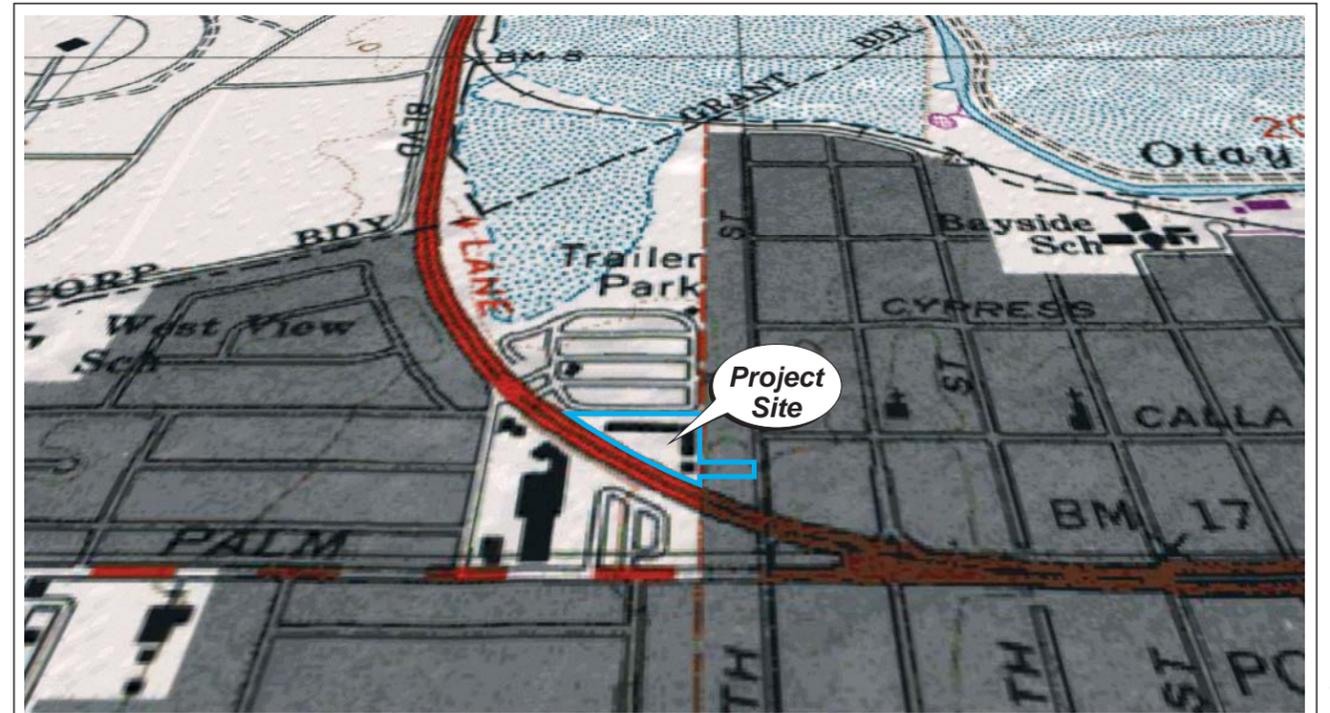


Reference:
U.S.G.S. 7.5 Minute Quadrangle Map
Imperial Beach, California



SITE AERIAL PHOTOGRAPH

Reference:
Google Earth Aerial Photograph
Imperial Beach, California - November 2016



3-DIMENSIONAL SITE LOCATION

Reference:
U.S.G.S. 7.5 Minute Quadrangle Map
Imperial Beach, California

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

SCS ENGINEERS

Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

FOUR-WAY SITE LOCATION MAP
Blue Wave Enterprise, LLC
550 Highway 75 and 624 7th Street
Imperial Beach, California

Project No.:
01218158.00

Figure 1

Date Drafted:
7/13/18



LEGEND

- Approximate Site boundary
- 3a-2 Location and direction of Site photograph

Reference: Google Earth Aerial Photograph
Imperial Beach, California - November 2016

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

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Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

SITE AND SITE VICINITY PLAN
Blue Wave Enterprise, LLC
550 Highway 75 and 624 7th Street
Imperial Beach, California

Project No.:
01218158.00

Figure 2

Date Drafted:
7/13/18



1) View of vacant portion of the Site looking northwest.



2) View of vacant portion of the Site looking north.

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8799 Balboa Avenue, Suite 290
San Diego, California 92123

PHOTOGRAPHIC PLATE
Blue Wave Enterprise, LLC
550 Highway 75 and 624 7th Street
Imperial Beach, California

Project No.:
01218158.00

Figure 3a

Date Drafted:
7/13/18



1) View of vacant portion of the Site looking east.



2) View of typical construction equipment on vacant portion of Site.

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San Diego, California 92123

PHOTOGRAPHIC PLATE
Blue Wave Enterprise, LLC
550 Highway 75 and 624 7th Street
Imperial Beach, California

Project No.:
01218158.00

Figure 3b

Date Drafted:
7/13/18



1) View of typical soil piles on vacant portion of Site.



2) View of typical debris piles on vacant portion of Site.

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PHOTOGRAPHIC PLATE
Blue Wave Enterprise, LLC
550 Highway 75 and 624 7th Street
Imperial Beach, California

Project No.:
01218158.00

Figure 3c

Date Drafted:
7/13/18



1) View of typical debris piles on vacant portion of Site.



2) View of single-family residence.

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PHOTOGRAPHIC PLATE
Blue Wave Enterprise, LLC
550 Highway 75 and 624 7th Street
Imperial Beach, California

Project No.:
01218158.00

Figure 3d

Date Drafted:
7/13/18



1) View of single-family residence.



2) View of the adjacent property to the north of vacant portion of the Site.

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PHOTOGRAPHIC PLATE
Blue Wave Enterprise, LLC
550 Highway 75 and 624 7th Street
Imperial Beach, California

Project No.:
01218158.00

Figure 3e

Date Drafted:
7/13/18



1) View of the adjacent property to the east of vacant portion of the Site.



2) View of the adjacent property to the east of single-family residences.

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PHOTOGRAPHIC PLATE
Blue Wave Enterprise, LLC
550 Highway 75 and 624 7th Street
Imperial Beach, California

Project No.:
01218158.00

Figure 3f

Date Drafted:
7/13/18



1) View of the adjacent property to the southeast of the Site.



2) View of the adjacent property to the south of the Site.

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PHOTOGRAPHIC PLATE
Blue Wave Enterprise, LLC
550 Highway 75 and 624 7th Street
Imperial Beach, California

Project No.:
01218158.00

Figure 3g

Date Drafted:
7/13/18

APPENDICES

GLOSSARY

adjoining property. Any real property the border of which is contiguous or partially contiguous with that of the Site, or that would be contiguous or partially contiguous with that of the Site but for a street, road, or other public thoroughfare separating them.

aerial photographs. Photographs taken from an airplane or helicopter of areas encompassing the Site.

asbestos. Six naturally occurring fibrous minerals found in certain types of rock formations. Of the six, the minerals chrysotile, amosite, and crocidolite have been the most commonly used in building products. When inhaled in sufficient quantities, asbestos fibers can cause serious health problems.

asbestos-containing material (ACM). Any material or product that contains more than 1% asbestos.

construction debris. Any concrete, brick, asphalt, and other building materials discarded in the construction of a building or other improvement to property.

de minimis condition. An environmental condition that does not generally present a material risk of harm to the public health or the environment and that generally would not be subject to an enforcement action if brought to the attention of appropriate governmental agencies.

drum. A container (typically, but not necessarily, holding 55 gallons of liquid) that may be used to store hazardous substances or petroleum products.

dry well. Underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (spilled intentionally or not), and for wastewater disposal (often illegal).

fill dirt. Dirt, soil, sand, or other earth that is obtained off site and that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

fire insurance map. Maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the property.

hazardous material. Any material that, because of its quantity, concentration, or physical and chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment. Hazardous materials include, but are not limited to, hazardous substances, hazardous waste, and any material which a handler or the administering agency has a reasonable basis for believing would be injurious to the health or safety of persons or harmful to the environment if released into the workplace or the environment.

hazardous substance. Pursuant to CERCLA, hazardous substances include the following:

- 1) All toxic pollutants and hazardous substances listed under the Clean Water Act
- 2) Hazardous wastes regulated under RCRA
- 3) Any hazardous air pollutant under the Clean Air Act
- 4) Chemicals designated as “immediately hazardous” under the Toxic Substance Control Act

The EPA is also allowed to designate additional substances as hazardous if they present a substantial danger to the public health or welfare or the environment when released.

hazardous waste. A substance defined pursuant to the Solid Waste Disposal Act amended by RCRA, a hazardous waste is a solid waste, or a combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics, may contribute to an increase in mortality or an increase in serious irreversible, or incapacitating illness or pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.

landfill. A place or area of land used for the disposal of solid wastes as defined by state solid waste regulations. Synonymous with the term *solid waste disposal site*, a landfill is also known as a garbage dump or trash dump.

likelihood. As used in this Report, the term *likelihood* pertains to the probability of a match between the prediction of an event and its actual occurrence. As used by SCS Engineers, the term *low likelihood* approximates a percentage range to 10 to 20 percent; *moderate likelihood* approximates 40 to 60 percent; and *high likelihood* approximates 80 to 90 percent.

Material Safety Data Sheet (MSDS). Written or printed material concerning a hazardous substance which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA standards.

obvious. That which is plain or evident. The term refers to a condition or fact that could not be ignored or overlooked by a reasonable observer while physically observing the property.

PCE. Perchloroethene/perchloroethylene, or “Perc”; also tetrachloroethene/tetrachloroethylene; commonly used as a solvent for dry-cleaning.

petroleum products. Petroleum, including crude oil, natural gas, natural gas liquids, liquefied natural gas, synthetic gas usable for fuel, kerosene, diesel oil, jet fuels, motor oil, hydraulic oil, gear oils, and fuel oil.

recognized environmental conditions (RECs). Recognized environmental conditions, as defined by the American Society for Testing and Materials (ASTM), include the presence or likely presence of hazardous substances or petroleum products on a property that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water on the property. However, the term is not intended to include de minimis conditions that do not generally present a material risk of harm to the public health or the environment and that generally would not be subject to an enforcement action if brought to the attention of appropriate governmental agencies.

retail quantities (RQs). Quantities of hazardous materials usually less than 50 gallons, 100 pounds, or 200 cubic feet of gas (under the regulatory reporting limits).

small retail quantities (SRQs). Quantities of hazardous materials in containers of 5 gallons or less, and less than 50 gallons in aggregate.

solvent. A chemical compound that is capable of dissolving another substance and is itself a hazardous substance, such as TCE, TCA, PCE, Stoddard solvent, paint thinner, mineral spirits, and acetone. Solvents are used in a number of manufacturing or industrial processes.

TCA. Trichloroethane; also 1,1,1 TCA; a commonly used industrial solvent for degreasing/cleaning.

underground storage tank (UST). Any tank, including underground piping connected to the tank, that is

or has been used to contain hazardous substances or petroleum products and the volume of which is 10 percent or more beneath the surface of the ground.

visually and/or physically observed. This term refers to observations made by vision during the Site visit while walking through the Site or Site building(s), and observations made by the sense of smell, particularly awareness of noxious or foul odors.

ACRONYMS

:g/kg	micrograms per kilogram
:g/L	micrograms per liter
ARAR	Applicable, Relevant, and Appropriate Requirements
ASPIS	Abandoned Sites Program Information System
APCD	Air Pollution Control District
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BAT	Best Available Technology
bg	below grade
bgs	below ground surface
BMP	Best Management Practice
BTEX	benzene, toluene, ethylbenzene, and xylenes
Cal-EPA	California Environmental Protection Agency
CCDC	Centre City Development Corporation
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CGI	Combustible Gas Indicator
CHSP	Community Health and Safety Plan
CIR	Compliance Inspection Report
CoCs	Constituents of Concern
CPT	Cone Penetration Testing
DAF	Dilution and Attenuation Factor
DDT	Dichlorodiphenyltrichloroethane
DEED RSTR	California Department of Health Services Deed Restriction
DEH	County of San Diego Department of Environmental Health
DTSC	Department of Toxic Substance Control
EPA	Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment

FoPC	Features of Potential Concern
HMMD	Hazardous Materials Management Division, County of San Diego
HVAC	heating, ventilation, and air conditioning
HVOCs	halogenated volatile organic compounds
HWSSL	Hazardous Waste and Substances Sites List
IDW	investigation-derived wastes
IPM	integrated pest management
JURMP	Jurisdictional Urban Runoff Management Program
LEL	lower explosive limit
LESA	Limited Environmental Site Assessment
LNAPL	Light Nonaqueous Phase Liquid
LOA	Letter of Authorization
LUFT	leaking underground fuel tank
LUST	leaking underground storage tank
mg/kg	milligrams per kilogram
MIWD	Metropolitan Industrial Wastewater Division
MSCP	Multiple Species Conservation Plan
MSDS	Material Safety Data Sheet
MTBE	methyl tertiary butyl ether; <i>also</i> methyl tert-butyl ether
NA	not applicable
NCP	National Contingency Plan
ND	not detected
NESSHAPS	National Emissions Standards for Hazardous Air Pollutants
NFA	no further action
NFRAP	No Further Remedial Action Plan
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
OLS	ordinary least squared
OSHA	Occupational Safety and Health Administration
PCBs	polychlorinated biphenyls
PCE	perchloroethene/perchloroethylene, <i>or</i> "Perc"; <i>also</i> tetrachloroethene/tetrachloroethylene
PEAR	Preliminary Environmental Assessments Required
PID	photoionization detector
PMP	Property Mitigation Plan
PAHs	polynuclear aromatic hydrocarbons
PRG	Preliminary Remediation Goals
PRP	potentially responsible party (pursuant to CERCLA)
PSH	phase-separated hydrocarbons

QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RCRA VIOL	Comprehensive Environmental Response, Compensation and Liability Act–hazardous waste generators violations/enforcement actions
RCRIS-G	Comprehensive Environmental Response, Compensation, and Liability Act Information System–Generators (hazardous waste)
REC	recognized environmental condition
RF	remote fill
RNA	remediation by natural attenuation
RQs	retail quantities
RWQCB	Regional Water Quality Control Board
SAM	Site Assessment and Mitigation Program (San Diego County Department of Environmental Health)
SAP	Site Assessment Protocol
SCL	Department of Toxic Substance Control database
SDG&E	San Diego Gas and Electric
SI	site inspection
SRQs	small retail quantities
SMP	Soil Management Plan
SPCC	Spill Prevention Control and Countermeasure
STLC	Soluble Threshold Limit Concentration
SWAT	Solid Waste Assessment Test
SWIS	Solid Waste Information System
SWLF	Solid Waste Landfills
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TCA	Trichloroethane; also 1,1,1 TCA
TCE	trichloroethene; trichloroethylene
TCLP	Toxicity Characteristic Leaching Procedure
THF	Tetrahydrofuran
TPH	total petroleum hydrocarbons
TPHg	TPH as gasoline
TPHd	TPH as diesel
TPHext	TPH extended range
TPHo	TPH oil range
TRIS	Toxic Release Information System
TRPH	total recoverable petroleum hydrocarbons
TTLCS	Total Threshold Limit Concentrations
UAR	unauthorized release
USGS	United States Geological Survey
UST	underground storage tank

VAP	Voluntary Action Plan
VES	Vapor Extraction System
WDR	Waste Discharge Requirements
WET	Waste Extraction Test
WMUDS	Waste Management Unit Database System

COUNTY OF SAN DIEGO DEPARTMENT OF ENVIRONMENTAL
HEALTH (DEH) RECORDS FOR THE SITE

Bishop, Harry

From: Andrus, Edwin C. <Edwin.Andrus2@sdcounty.ca.gov> on behalf of DEH, Public Records <PublicRecords.DEH@sdcounty.ca.gov>
Sent: Monday, July 09, 2018 8:08 AM
To: Bishop, Harry
Subject: Records Request 550 Highway 75 and 624 7th Street, Imperial Beach, California 91932
Attachments: Scanned from a Xerox Multifunction Printer.pdf

Good Morning,

No records were found for the addresses and APNs per your request form. See attached document.

New Search Function: Scanned files for closed Site Assessment and Mitigation Program cases and Monitoring Well Program permits can be downloaded directly through the new DEH Document Library at:

<http://www.sandiegocounty.gov/content/sdc/deh/doclibrary/>

You can search by Record ID, APN, address, document category, or keyword.

Thank you,

Edwin C. Andrus

Edwin C. Andrus
Office Support Specialist
DEH – LWQ
(858) 505-6921

From: Bishop, Harry [<mailto:HBishop@scsengineers.com>]
Sent: Tuesday, July 03, 2018 1:13 PM
To: DEH, Public Records <PublicRecords.DEH@sdcounty.ca.gov>
Subject: 550 Highway 75 and 624 7th Street, Imperial Beach, California 91932

Edwin

Do you have any information regarding this property (currently vacant lot and SFR)?

Thank you for your assistance. Hope that you have an enjoyable July 4th

Harry

Harry Bishop, PE
SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego, CA 92123
(858) 583-7744
hbishop@scsengineers.com
www.scsengineers.com



OFFICE USE ONLY
Request # _____

County of San Diego

JACK MILLER
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6700 FAX (858) 505-6848
www.sdcdeh.org

ELIZABETH POZZEBON
ASSISTANT DIRECTOR

REQUEST TO REVIEW PUBLIC RECORDS FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND THE HAZARDOUS MATERIALS DIVISION (HMD)

Harry K. Bishop, PhD, PE
Senior Project Professional

E-Mail: _____
FAX: () _____
_____ (hard/overprint with business card if preferred)

SCS ENGINEERS

Environmental Consultants and Contractors
8799 Balboa Avenue, Suite 290
San Diego, CA 92123-1568
858 571-5500 x242
Fax 858 571-5357
hbishop@scsengineers.com
www.scsengineers.com

Additional information on public records may be accessed from the DEH website, www.sdcdeh.org. Fax your completed form to the Public Records Program at (858) 505-6848 or attach completed form and e-mail to deh.publicrecords@sdcounty.ca.gov. The following information is required so that our files may be accurately searched. Separate forms are needed for each address or parcel number.

550 HWY 75 #6247th st Imperial Beach 91932 or 625-140-088-070-33 & 57
Exact Address (Street, City and Zip Code) Assessor's Parcel Number

Optional information (establishment permit number, business name, etc.): _____

If you indicate the purpose of your search, it will help us identify all the public records you may wish to review. If you know the program file you want to review, please check below:

- Contaminated Property Investigation(s) (SAM Cases)
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- SAM Closure Letter/Report
- Other: _____ (specify)

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Every properly completed request will be processed in the order it is received. Some files are on line as indicated below. Photocopies of file items may be requested. A fee of \$20 per page is charged to cover cost of copies.

OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: _____ of _____ Date: ____/____/____
Files copied for: _____ of _____ Date: ____/____/____
Request cancelled by: _____ Date: ____/____/____
Photocopies _____ Cost _____ Picked up/mailed on _____ By _____

A search for DEH records checked above has been conducted and the following apply:

- SAM files for the permit number(s) below are available. After the files you have requested are retrieved from storage, an appointment will be scheduled so that you may review SAM records in the DEH main office.
_____ # _____ # _____ # _____ # _____
- HMD/UST files for the permit number(s) below are available for review at: http://sdcounty.ca.gov/deh/doing_business/hmd_search.html
_____ # _____ # _____ # _____ # _____
- Original records were purged. Database-only records are available (at: http://sdcounty.ca.gov/deh/doing_business/hazmat_search.html) for the following permit number(s):
_____ # _____ # _____ # _____ # _____
- No SAM/HMD/UST records were found for the address/APN you requested.

Signature - DEH Representative

Date

SAN DIEGO AIR POLLUTION CONTROL DISTRICT
CORRESPONDANCE

Bishop, Harry

From: Gould, Cynthia <Cynthia.Gould@sdcounty.ca.gov>
Sent: Tuesday, July 03, 2018 2:46 PM
To: Bishop, Harry
Subject: RE: 550 Highway 75 and 624 7th Street, Imperial Beach, California 91932

Good afternoon: I found no records for the above addresses. You have a safe, happy 4th too. Thanks.

Cynthia R. Gould | APCD Aide & Public Records Liaison | Air Pollution Control District
10124 Old Grove Road | San Diego CA 92131 | Phone: 858-586-2616 | Fax: 858-586-2601
Celebrating 63 Years Clean Air Progress

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From: Bishop, Harry [<mailto:HBishop@scsengineers.com>]
Sent: Tuesday, July 03, 2018 1:00 PM
To: Gould, Cynthia <Cynthia.Gould@sdcounty.ca.gov>
Subject: 550 Highway 75 and 624 7th Street, Imperial Beach, California 91932

Cynthia

Do you have any information regarding this property (currently vacant lot and SFR)?

Thank you for your assistance. Hope that you have an enjoyable July 4th

Harry

Harry Bishop, PE
SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego, CA 92123
(858) 583-7744
hbishop@scsengineers.com
www.scsengineers.com

INDUSTRIAL WASTEWATER CONTROL PROGRAM
CORRESPONDANCE

INDUSTRIAL WASTEWATER CONTROL PROGRAM INFORMATION REQUEST

Complete top portion and return to:

Industrial Wastewater Control Program
 9192 Topaz Wy, MS 901D
 San Diego, CA 92123-1119

Phone: (858) 654-4100
 Fax: (858) 654-4110

Requester Information:

Name _____
 Company _____
 Address _____
 Phone _____

Harry K. Bishop, PhD, PE
 Senior Project Professional

SCS ENGINEERS

Environmental Consultants and Contractors

8799 Balboa Avenue, Suite 290
 San Diego, CA 92123-1568
 858 571-5500 x242
 Fax 858 571-5357
 hbishop@scsengineers.com
 www.scsengineers.com

Site Information:

Address 550 HW 75 & 624 7th street
Imperial Branch 91932

For IWCP Use Only

A search of our records was conducted and the following information about the above site was found:

Permit # _____ Issued / /

Permittee Name _____

Category _____ Permitted flow _____

Description of permitted wastestream: _____

Violations: _____

Other Information: _____

The above permit was inactivated on / / due to ownership change, facility closure, or other significant changes in operations.

No permit on file.

Inspector _____ Date _____

The above information is meant only to provide an overview of permitted industrial discharges to the sewer system. For additional information about environmental permits held by this facility, you may wish to contact the Hazardous Materials Management Division at (619) 338-2284 or the Air Pollution Control District at (858) 586-2650.

USER QUESTIONNAIRE

**ATTACHMENT A
USER QUESTIONNAIRE**

One of the primary reasons an Environmental Site Assessment or Phase I (ESA) is completed for a real estate transaction is to document due diligence efforts and "all appropriate inquiry," thereby satisfying certain elements required by CERCLA in order to qualify for a Landowner Liability Protection or LLP.

LLP is the term used to describe the three types of potential defenses to Superfund (CERCLA) liability in EPA's Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability ("Common Elements" Guide) issued on March 6, 2003.

In order to qualify for one of the LLPs offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), 40 CFR Part 312 requires that the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that the "all appropriate inquiry" is incomplete.

This "Users Questionnaire" is outside the scope of work of the environmental professional completing an ESA for a user. When completed, return the questionnaire either by mail, e-mail, or fax to the environmental professional prior to the site reconnaissance so your responses can be used and incorporated into the final ESA report by the environmental professional as required by 40 CFR Part 312.

(1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25)

Are you aware of environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? Yes No If Yes, please describe:

Please attach additional sheets and additional information as needed to complete this questionnaire.

BLUE WAVE ENTERPRISE, LLC
[Company Name]

Sign: 

Print Name: DAVID BRIENZA

Title: MANAGER

Date: 6/25/18

ADDITIONAL INFORMATION

In addition, certain information should be collected, if available, and provided to the environmental professional selected to conduct the Phase I. This information is intended to assist the environmental professional but is not necessarily required to qualify for one of the LLPs. The information includes:

- (a) The reason the Phase I is required: ENVIRONMENTAL REVIEW AND FINANCING
- (b) The type of property and type of property transaction, for example, sale, purchase, exchange, etc.:
- (c) The complete and correct address of the property (a map or other documentation showing property location and boundaries is helpful):
- (d) The scope of services desired for the Phase I (including whether any parties to the property transaction may have a required standard scope of services on whether any consideration beyond the requirements of Practice 1527 are to be considered):
- (e) Identification of all parties who will rely on the Phase I report:
- CITY OF IMPERIAL BEACH
 - LENDERS (POTENTIAL)
 - ENGINEERS
- (f) Identification of the site contact and how the contact can be reached:
- DAVID BRIENZA - 619-981-1234

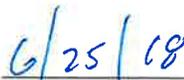
PHASE I ENVIRONMENTAL SITE ASSESSMENT USER-FURNISHED INFORMATION

The following is a list of documents and information that are useful to SCS in preparing your Phase I Environmental Site Assessment. Check the appropriate boxes below, sign, and return this along with copies of any reasonably available documents or information. This will be attached to and made part of your completed Phase I Report.

- | Yes | No | |
|-------------------------------------|-------------------------------------|--|
| | <input checked="" type="checkbox"/> | 1. Environmental site assessment reports |
| | <input checked="" type="checkbox"/> | 2. Environmental audit reports |
| | <input checked="" type="checkbox"/> | 3. Environmental permits, i.e. solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System (NPDES) permits |
| | <input checked="" type="checkbox"/> | 4. Registrations for underground and above-ground storage tanks |
| | <input checked="" type="checkbox"/> | 5. Material safety data sheets |
| | <input checked="" type="checkbox"/> | 6. Community right-to-know plan |
| | <input checked="" type="checkbox"/> | 7. Safety plans: preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc. |
| | <input checked="" type="checkbox"/> | 8. Reports regarding hydrogeologic conditions on the property or surrounding area |
| | <input checked="" type="checkbox"/> | 9. Notices or other correspondence from any government agency relating to past or existing environmental liens encumbering the property |
| | <input checked="" type="checkbox"/> | 10. Hazardous waste generator notices or reports |
| | <input checked="" type="checkbox"/> | 11. Geotechnical studies |
| | <input checked="" type="checkbox"/> | 12. Information concerning any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products |
| | <input checked="" type="checkbox"/> | 13. Notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 14. Disclosure of sumps, pits, drainage systems (existence and location) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 15. Building plans (architectural, utility, structural) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 16. Description of current site operations, including layout drawings or sketches |
| | | 17. Title report/chain of title |
| | | 18. Tax assessor records (previous owner and occupants) |
| | | 19. Purchase price analysis (if lower than comparable) |
| | | 20. Current and historical photographs of site |

I have reviewed the above list and have provided copies of documents and information that exists that could be obtained within reasonable time and cost constraints.


Signature


Date

REGULATORY AGENCY DATABASE REPORT



Imperial Beach

550 Highway 75

Imperial Beach, CA 91932

Inquiry Number: 5352409.2s

July 05, 2018

The EDR Radius Map™ Report



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

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Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

550 HIGHWAY 75
IMPERIAL BEACH, CA 91932

COORDINATES

Latitude (North): 32.5854280 - 32° 35' 7.54"
Longitude (West): 117.1190270 - 117° 7' 8.49"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 488829.0
UTM Y (Meters): 3605145.5
Elevation: 22 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5622818 IMPERIAL BEACH, CA
Version Date: 2012

West Map: 5622842 IMPERIAL BEACH OE W, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140530
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 550 HIGHWAY 75
 IMPERIAL BEACH, CA 91932

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	RAMIREZ MOBIL SERVIC	681 HIGHWAY 75	EDR Hist Auto	Higher	328, 0.062, SSE
B2	SILVER STRAND PLAZA	600 PALM AVE	LUST, SAN DIEGO CO LOP	Higher	356, 0.067, WSW
B3	SILVER STRAND PLAZA	600 PALM AV	LUST, SAN DIEGO CO. SAM, San Diego Co. HMMD, HIST...	Higher	356, 0.067, WSW
A4	ABELARDO RAMIREZ	681 STATE HIGHWAY 75	HIST UST	Higher	366, 0.069, SSE
A5	WHITT WILLIAM J	681 STATE HWY 75	EDR Hist Auto	Higher	366, 0.069, SSE
C6	A B BRITE CLEANERS	674 PALM AVENUE	RCRA-SQG, FINDS, ECHO, HAZNET	Higher	437, 0.083, South
C7	A B BRITE CLEANERS	674 PALM AVE	San Diego Co. HMMD, DRYCLEANERS, EMI	Higher	437, 0.083, South
C8	AB BRITE CLEANERS &	674 PALM AVE FRNT	EDR Hist Cleaner	Higher	437, 0.083, South
A9	IMPERIAL BEACH MOBIL	681 HY 75	SAN DIEGO CO. SAM, San Diego Co. HMMD, SAN DIEGO...	Higher	469, 0.089, SSE
A10	ABBYS MOBIL SERVICE	681 HIGHWAY 75	SWEEPS UST	Higher	469, 0.089, SSE
A11	BEACH SIDE STATION	681 HY 75	UST	Higher	469, 0.089, SSE
A12	MOBIL STATION 18-FPL	681 HWY 75	LUST	Higher	469, 0.089, SSE
A13	RAMIREZ ABELARDO MOB	681 HWY 75	EDR Hist Auto	Higher	469, 0.089, SSE
A14	IMPERIAL BEACH MOBIL	681 HY 75	LUST, CPS-SLIC, San Diego Co. HMMD, HIST CORTESE	Higher	469, 0.089, SSE
A15	IMPERIAL BEACH MOBIL	681 HIGHWAY 75	UST	Higher	469, 0.089, SSE
16	TUNEUP MASTERS NO. 4	741 PALM AVE	SWEEPS UST	Higher	852, 0.161, SE
17	CVS PHARMACY #9120	800 PALM AVE	RCRA-LQG, FINDS, ECHO	Lower	1140, 0.216, ESE
18	PRIVATE RESIDENCE	PRIVATE RESIDENCE	CPS-SLIC	Lower	1745, 0.330, East
19	BAYSIDE ELEMENTARY S	490 EMORY ST	SAN DIEGO CO. SAM, CPS-SLIC, San Diego Co. HMMD	Lower	2085, 0.395, ENE
D20	ROSA DURAN	989 PALM AV	LUST, SAN DIEGO CO. SAM, HIST CORTESE, SAN DIEGO...	Higher	2194, 0.416, ESE
D21	DURAN TRANSMISSION	989 PALM AVE	RCRA-SQG, LUST, SWEEPS UST, FINDS, ECHO	Higher	2194, 0.416, ESE
22	CITY OF I B PUBLIC W	495 10TH ST	ENVIROSTOR, LUST, SAN DIEGO CO. SAM, CPS-SLIC,...	Lower	2544, 0.482, ENE
E23	UNOCAL SERV STATION	1085 PALM AVE	LUST, SWEEPS UST	Higher	2569, 0.487, ESE
E24	TOSCO SVC STATION #5	1085 PALM AV	LUST, SAN DIEGO CO. SAM, San Diego Co. HMMD, HIST...	Higher	2569, 0.487, ESE
25	NAVAL RADIO COMPASS		ENVIROSTOR	Lower	3346, 0.634, WNW
26	COAST GUARD STATION		ENVIROSTOR	Lower	3541, 0.671, West
27	SAN DIEGO NAVAL COMP	100 STONE STREET	ENVIROSTOR, MCS	Lower	4680, 0.886, NNW
28		1381 PALM AVE (SOUTH)	Notify 65	Lower	5060, 0.958, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Petroleum Storage Tank Facilities

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

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

ODI..... Open Dump Inventory

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

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

CDL..... Clandestine Drug Labs

San Diego Co. HMMD..... Hazardous Materials Management Division Database

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

US CDL..... National Clandestine Laboratory Register

CERS HAZ WASTE..... CERS HAZ WASTE

EXECUTIVE SUMMARY

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database
CERS TANKS..... California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

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

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines

EXECUTIVE SUMMARY

FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
CERS.....	CERS
UIC GEO.....	UIC GEO (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAN DIEGO CO LOP.....	Local Oversight Program Listing
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
CIWQS.....	California Integrated Water Quality System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CVS PHARMACY #9120</i>	<i>800 PALM AVE</i>	<i>ESE 1/8 - 1/4 (0.216 mi.)</i>	<i>17</i>	<i>41</i>

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 03/01/2018 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>A B BRITE CLEANERS</i>	<i>674 PALM AVENUE</i>	<i>S 0 - 1/8 (0.083 mi.)</i>	<i>C6</i>	<i>13</i>

State- and tribal - equivalent CERCLIS

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

EXECUTIVE SUMMARY

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 04/30/2018 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY OF I B PUBLIC W Facility Id: 37470001 Status: Refer: 1248 Local Agency	495 10TH ST	ENE 1/4 - 1/2 (0.482 mi.)	22	55
NAVAL RADIO COMPASS Facility Id: 80000936 Status: Inactive - Needs Evaluation		WNW 1/2 - 1 (0.634 mi.)	25	125
COAST GUARD STATION Facility Id: 80000942 Status: Inactive - Needs Evaluation		W 1/2 - 1 (0.671 mi.)	26	126
SAN DIEGO NAVAL COMP Facility Id: 71000045 Status: Refer: RWQCB	100 STONE STREET	NNW 1/2 - 1 (0.886 mi.)	27	127

State and tribal leaking storage tank lists

SAN DIEGO CO. SAM: 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.

A review of the SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there are 6 SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SILVER STRAND PLAZA Case Number: H26463-001 Facility Status: Closed Case	600 PALM AV	WSW 0 - 1/8 (0.067 mi.)	B3	9
IMPERIAL BEACH MOBIL Case Number: H05459-001 Case Number: H05459-002 Case Number: H05459-003 Case Number: H05459-004 Facility Status: Closed Case	681 HY 75	SSE 0 - 1/8 (0.089 mi.)	A9	23
ROSA DURAN Case Number: H01168-001 Facility Status: Closed Case	989 PALM AV	ESE 1/4 - 1/2 (0.416 mi.)	D20	51
TOSCO SVC STATION #5 Case Number: H12196-001 Case Number: H12196-002 Facility Status: Remedial Investigation Facility Status: Closed Case	1085 PALM AV	ESE 1/4 - 1/2 (0.487 mi.)	E24	106

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BAYSIDE ELEMENTARY S	490 EMORY ST	ENE 1/4 - 1/2 (0.395 mi.)	19	50

EXECUTIVE SUMMARY

Case Number: H31395-001
 Facility Status: Closed Case

CITY OF I B PUBLIC W	495 10TH ST	ENE 1/4 - 1/2 (0.482 mi.)	22	55
Case Number: H20490-001				
Case Number: H20490-002				
Case Number: H20490-003				
Facility Status: Closed Case				

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SILVER STRAND PLAZA	600 PALM AVE	WSW 0 - 1/8 (0.067 mi.)	B2	8
Database: LUST REG 9, Date of Government Version: 03/01/2001				
Closed Date: 3/24/88				
Status: Case Closed				
Case Number: 9UT914				
SILVER STRAND PLAZA	600 PALM AV	WSW 0 - 1/8 (0.067 mi.)	B3	9
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0607303156				
MOBIL STATION 18-FPL	681 HWY 75	SSE 0 - 1/8 (0.089 mi.)	A12	28
Database: LUST REG 9, Date of Government Version: 03/01/2001				
Closed Date: 4/29/98				
Status: Case Closed				
Case Number: 9UT282				
IMPERIAL BEACH MOBIL	681 HY 75	SSE 0 - 1/8 (0.089 mi.)	A14	29
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0607301577				
ROSA DURAN	989 PALM AV	ESE 1/4 - 1/2 (0.416 mi.)	D20	51
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0607302219				
DURAN TRANSMISSION	989 PALM AVE	ESE 1/4 - 1/2 (0.416 mi.)	D21	52
Database: LUST REG 9, Date of Government Version: 03/01/2001				
Status: Preliminary site assessment underway				
Case Number: 9UT3456				
UNOCAL SERV STATION	1085 PALM AVE	ESE 1/4 - 1/2 (0.487 mi.)	E23	103
Database: LUST REG 9, Date of Government Version: 03/01/2001				
Closed Date: 6/15/95				
Status: Case Closed				
Case Number: 9UT1605				
TOSCO SVC STATION #5	1085 PALM AV	ESE 1/4 - 1/2 (0.487 mi.)	E24	106
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				

EXECUTIVE SUMMARY

Global Id: T06019773924

Global Id: T0607300426

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY OF I B PUBLIC W	495 10TH ST	ENE 1/4 - 1/2 (0.482 mi.)	22	55
Database: LUST REG 9, Date of Government Version: 03/01/2001 Database: LUST, Date of Government Version: 03/12/2018 Status: Completed - Case Closed Closed Date: 9/6/94 Status: Case Closed Global Id: T0607301197 Case Number: 9UT2439				

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 4 CPS-SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IMPERIAL BEACH MOBIL	681 HY 75	SSE 0 - 1/8 (0.089 mi.)	A14	29
Database: CPS-SLIC, Date of Government Version: 03/12/2018 Global Id: T06019704259 Global Id: T0608109416 Global Id: T0607391423 Facility Status: Completed - Case Closed				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PRIVATE RESIDENCE	PRIVATE RESIDENCE	E 1/4 - 1/2 (0.330 mi.)	18	49
Database: CPS-SLIC, Date of Government Version: 03/12/2018 Global Id: T060738559 Facility Status: Completed - Case Closed				
BAYSIDE ELEMENTARY S	490 EMORY ST	ENE 1/4 - 1/2 (0.395 mi.)	19	50
Database: CPS-SLIC, Date of Government Version: 03/12/2018 Global Id: T0608157066 Facility Status: Completed - Case Closed				
CITY OF I B PUBLIC W	495 10TH ST	ENE 1/4 - 1/2 (0.482 mi.)	22	55
Database: CPS-SLIC, Date of Government Version: 03/12/2018 Global Id: T06019730174 Global Id: T0608192615 Facility Status: Completed - Case Closed				

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BEACH SIDE STATION Database: UST, Date of Government Version: 03/12/2018 Facility Id: 37-000-216111	681 HY 75	SSE 0 - 1/8 (0.089 mi.)	A11	28
IMPERIAL BEACH MOBIL Database: UST, Date of Government Version: 03/12/2018 Facility Id: H05459	681 HIGHWAY 75	SSE 0 - 1/8 (0.089 mi.)	A15	40

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ABBYS MOBIL SERVICE Status: A Tank Status: A Comp Number: 5459	681 HIGHWAY 75	SSE 0 - 1/8 (0.089 mi.)	A10	26
TUNEUP MASTERS NO. 4 Status: A Comp Number: 13430	741 PALM AVE	SE 1/8 - 1/4 (0.161 mi.)	16	40

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 is 1 HIST UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ABELARDO RAMIREZ Facility Id: 00000039402	681 STATE HIGHWAY 75	SSE 0 - 1/8 (0.069 mi.)	A4	12

EXECUTIVE SUMMARY

Other Ascertainable Records

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
A B BRITE CLEANERS Database: DRYCLEANERS, Date of Government Version: 03/27/2018 EPA Id: CAD981629066	674 PALM AVE	S 0 - 1/8 (0.083 mi.)	C7	16

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 5 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SILVER STRAND PLAZA Reg Id: 9UT914	600 PALM AV	WSW 0 - 1/8 (0.067 mi.)	B3	9
IMPERIAL BEACH MOBIL Reg Id: 9UT282	681 HY 75	SSE 0 - 1/8 (0.089 mi.)	A14	29
ROSA DURAN Reg Id: 9UT3456	989 PALM AV	ESE 1/4 - 1/2 (0.416 mi.)	D20	51
TOSCO SVC STATION #5 Reg Id: 9UT1605	1085 PALM AV	ESE 1/4 - 1/2 (0.487 mi.)	E24	106
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY OF I B PUBLIC W Reg Id: 9UT2439	495 10TH ST	ENE 1/4 - 1/2 (0.482 mi.)	22	55

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

A review of the Notify 65 list, as provided by EDR, and dated 03/23/2018 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1381 PALM AVE (SOUTH)	E 1/2 - 1 (0.958 mi.)	28	129

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RAMIREZ MOBIL SERVIC	681 HIGHWAY 75	SSE 0 - 1/8 (0.062 mi.)	A1	8
WHITT WILLIAM J	681 STATE HWY 75	SSE 0 - 1/8 (0.069 mi.)	A5	13
RAMIREZ ABELARDO MOB	681 HWY 75	SSE 0 - 1/8 (0.089 mi.)	A13	29

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

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AB BRITE CLEANERS &	674 PALM AVE FRNT	S 0 - 1/8 (0.083 mi.)	C8	22

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

<u>Site Name</u>	<u>Database(s)</u>
IMPERIAL BEACH OUTLYING LANDING FI	SEMS, CORRACTS, RCRA-TSDF, RCRA-LQG, 2020 COR ACTION
8TH AVENUE TIDELAND DUMP	SWF/LF

OVERVIEW MAP - 5352409.2S



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

■ State Wetlands

■ Upgradient Area

■ Areas of Concern



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

SITE NAME: Imperial Beach
 ADDRESS: 550 Highway 75
 Imperial Beach CA 91932
 LAT/LONG: 32.585428 / 117.119027

CLIENT: SCS Engineers
 CONTACT: Harry Bishop
 INQUIRY #: 5352409.2s
 DATE: July 05, 2018 12:45 pm

DETAIL MAP - 5352409.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ▴ Sensitive Receptors
- ▨ National Priority List Sites
- ▩ Dept. Defense Sites

- ▨ Indian Reservations BIA
- ▧ 100-year flood zone
- ▦ 500-year flood zone
- ▩ National Wetland Inventory
- ▨ State Wetlands
- ▩ Areas of Concern



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

SITE NAME: Imperial Beach
 ADDRESS: 550 Highway 75
 Imperial Beach CA 91932
 LAT/LONG: 32.585428 / 117.119027

CLIENT: SCS Engineers
 CONTACT: Harry Bishop
 INQUIRY #: 5352409.2S
 DATE: July 05, 2018 12:49 pm

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST	0.500		4	0	5	NR	NR	9
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		1	0	3	NR	NR	4
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	0	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
San Diego Co. HMMD	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		1	0	NR	NR	NR	1
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
SSE
< 1/8
0.062 mi.
328 ft.

RAMIREZ MOBIL SERVICE
681 HIGHWAY 75
SAN DIEGO, CA
Site 1 of 10 in cluster A

EDR Hist Auto **1008989893**
N/A

Relative:
Higher

EDR Hist Auto

Actual:
22 ft.

Year: Name:
1971 RAMIREZ MOBIL SERVICE

Type:
GASOLINE STATIONS

B2
WSW
< 1/8
0.067 mi.
356 ft.

SILVER STRAND PLAZA
600 PALM AVE
IMPERIAL BEACH, CA 91932
Site 1 of 2 in cluster B

LUST **S100733608**
SAN DIEGO CO LOP **N/A**

Relative:
Higher

LUST REG 9:

Actual:
22 ft.

Region: 9
Status: Case Closed
Case Number: 9UT914
Local Case: H26463-001
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Local Agency: San Diego
How Found: Other Means
How Stopped: Not reported
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Aquifer affected
Date Found: 03/03/1988
Date Stopped: / /
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 02/23/1988
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 02/17/1988
Enforce Date: Not reported
Closed Date: 3/24/88
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 910.20
GW Depth: 21.5
Beneficial Use: Not reported
NPDES Number: Not reported
Priority: Low priority. Priority ranking can change over time.
File Dispn: File discarded, case closed
Interim Remedial Actions: No
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SAN DIEGO CO LOP:

Record ID: DEH1988-LSAM-H26463-001
Record Status: Completed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVER STRAND PLAZA (Continued)

S100733608

Opened Date: 03/03/1988
Parcel Number: 625-140-14-00
Case Type: LOP - Local Oversight Program
Historical Name: SILVER STRAND PLAZA
SWRCB Global ID: T0607303156
Funding: S - LOP State Fund
Lead Agency: DEH/SAM
Lead Agency Date: 03/03/1988
Census Tract: 105.01
Community: Imperial Beach
Jurisdiction: IMPERIAL BEACH
Watershed Basin Number: 910.2
Water Purveyor: IMPERIAL BEACH
Fire Agency: IMPERIAL BEACH
Thomas Bros Map Page Grid: 1329 G 7
Latitude: 32.5842695
Longitude: -117.1203565
X MapCoord: 6293559.419
Y MapCoord: 1793492.753

B3
WSW
< 1/8
0.067 mi.
356 ft.

SILVER STRAND PLAZA
600 PALM AV
IMPERIAL BEACH, CA 91932

LUST S104751045
SAN DIEGO CO. SAM N/A
San Diego Co. HMMD
HIST CORTESE

Site 2 of 2 in cluster B

Relative:
Higher
Actual:
22 ft.

LUST:
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607303156
Global Id: T0607303156
Latitude: 32.5842945485274
Longitude: -117.120460777246
Status: Completed - Case Closed
Status Date: 03/24/1988
Case Worker: Not reported
RB Case Number: 9UT914
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H26463-001
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607303156
Action Type: Other
Date: 03/03/1988
Action: Leak Discovery

Global Id: T0607303156
Action Type: Other
Date: 03/03/1988
Action: Leak Reported

Global Id: T0607303156
Action Type: Other
Date: 03/03/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVER STRAND PLAZA (Continued)

S104751045

Action: Leak Began

LUST:

Global Id: T0607303156
Status: Open - Case Begin Date
Status Date: 03/03/1988

Global Id: T0607303156
Status: Completed - Case Closed
Status Date: 03/24/1988

SAN DIEGO CO. SAM:

Case Number: H26463-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - State Fund
Facility Type: Soils Only
Facility Status: Closed Case
Date: 3/24/1988
Date Began: 3/3/1988

HMMD SAN DIEGO:

Permit Number: 126463
Business Type: Not reported
EPA Id Number: Not reported
APN: 625-140-14-00
Last HMMD Inspection: Not reported
Facility Telephone: 619-280-1150
Permit Status: INAC
Permit Expiration: Not reported
Date Last Updated: 11/02/2012
Facility Owner: STRAND LTD
Facility Mailing Address: 4230 EL CAJON BL
Facility Mailing City: EL CAJON
Facility Mailing State: CA
Facility Mailing Zip: 92105-1230
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Permit Number: 209318
Business Type: 6HK10
EPA Id Number: Not reported
APN: 625-140-14-00
Last HMMD Inspection: Not reported
Facility Telephone: 619-575-7170
Permit Status: INAC
Permit Expiration: 05/31/2009
Date Last Updated: 11/02/2012
Facility Owner: DR. PETER FARMER
Facility Mailing Address: Not reported
Facility Mailing City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVER STRAND PLAZA (Continued)

S104751045

Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Permit Number: 210690
Business Type: 6HK10
EPA Id Number: Not reported
APN: 625-140-14-00
Last HMMD Inspection: 06/12/2009
Facility Telephone: 619-423-0100
Permit Status: EXPR
Permit Expiration: 10/31/2012
Date Last Updated: 11/02/2012
Facility Owner: SADEEQ KHAN SADIQ
Facility Mailing Address: 600 PALM AV #108A
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Y

Inventory Active Permits (SQG Medical):

Permit Number: 210690
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 210690
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT914

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A4
SSE
< 1/8
0.069 mi.
366 ft.

ABELARDO RAMIREZ
681 STATE HIGHWAY 75
IMPERIAL BEACH, CA 92032

HIST UST U001571699
N/A

Site 2 of 10 in cluster A

Relative:
Higher
Actual:
22 ft.

HIST UST:

File Number: 0002F038
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F038.pdf>
Region: STATE
Facility ID: 00000039402
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 6194243366
Owner Name: MOBIL OIL CORPORATION
Owner Address: 612 S. FLOWER STREET
Owner City,St,Zip: LOS ANGELES, CA 90017
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

MAP FINDINGS

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

A5 SSE < 1/8 0.069 mi. 366 ft.	WHITT WILLIAM J 681 STATE HWY 75 IMPERIAL BCH, CA 92032 Site 3 of 10 in cluster A Relative: EDR Hist Auto Higher Actual: 22 ft.	EDR Hist Auto	1020159912 N/A
	Year: 1969 Name: WHITT WILLIAM J 1970 WHITT WILLIAM J	Type: Gasoline Service Stations Gasoline Service Stations	

C6 South < 1/8 0.083 mi. 437 ft.	A B BRITE CLEANERS 674 PALM AVENUE IMPERIAL BEACH, CA 91932 Site 1 of 3 in cluster C Relative: RCRA-SQG: Higher Actual: 22 ft.	RCRA-SQG FINDS ECHO HAZNET	1000105314 CAD981629066
	Date form received by agency: 09/01/1996 Facility name: A B BRITE CLEANERS Facility address: 674 PALM AVE IMPERIAL BEACH, CA 91932 EPA ID: CAD981629066 Contact: Not reported Contact address: Not reported Not reported Contact country: US Contact telephone: Not reported Contact email: Not reported EPA Region: 09 Classification: Small Small Quantity Generator Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time		

Owner/Operator Summary:

Owner/operator name:	BANUELOS ALBERT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
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
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A B BRITE CLEANERS (Continued)

1000105314

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 12/01/1986
Site name: A B BRITE CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110006472389

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

HAZARDOUS AIR POLLUTANT MAJOR

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000105314
Registry ID: 110006472389

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A B BRITE CLEANERS (Continued)

1000105314

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006472389>

HAZNET:

envid: 1000105314
Year: 2012
GEPaid: CAD981629066
Contact: JESSE MURILLO
Telephone: 6194248088
Mailing Name: Not reported
Mailing Address: 674 PALM AVE
Mailing City,St,Zip: IMPERIAL BEACH, CA 919320000
Gen County: San Diego
TSD EPA ID: CAT000613893
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.075
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Diego

envid: 1000105314
Year: 2010
GEPaid: CAD981629066
Contact: JESSE MURILLO
Telephone: 6194248088
Mailing Name: Not reported
Mailing Address: 674 PALM AVE
Mailing City,St,Zip: IMPERIAL BEACH, CA 919320000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.55
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Diego

envid: 1000105314
Year: 2009
GEPaid: CAD981629066
Contact: JESSE MURILLO
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: 674 PALM AVE
Mailing City,St,Zip: IMPERIAL BEACH, CA 919320000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.3325
Cat Decode: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A B BRITE CLEANERS (Continued)

1000105314

Method Decode: Not reported
Facility County: San Diego

envid: 1000105314
Year: 2008
GEPaid: CAD981629066
Contact: JESSE MURILLO
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: 674 PALM AVE
Mailing City,St,Zip: IMPERIAL BEACH, CA 919320000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.415
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Diego

envid: 1000105314
Year: 2007
GEPaid: CAD981629066
Contact: JESSE MURILLO
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: 674 PALM AVE
Mailing City,St,Zip: IMPERIAL BEACH, CA 919320000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.58
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Diego

[Click this hyperlink](#) while viewing on your computer to access 19 additional CA_HAZNET: record(s) in the EDR Site Report.

C7
South
< 1/8
0.083 mi.
437 ft.

A B BRITE CLEANERS
674 PALM AVE
IMPERIAL BEACH, CA 91932

San Diego Co. HMMD **S104747040**
DRYCLEANERS **N/A**
EMI

Site 2 of 3 in cluster C

Relative:
Higher
Actual:
22 ft.

HMMD SAN DIEGO:
Permit Number: 110911
Business Type: 6HK53
EPA Id Number: CAD981629066
APN: DEH-110911
Last HMMD Inspection: 06/26/2012
Facility Telephone: 619-424-8088
Permit Status: EXPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A B BRITE CLEANERS (Continued)

S104747040

Permit Expiration: 12/31/2010
Date Last Updated: 11/02/2012
Facility Owner: JESUS MURILLO
Facility Mailing Address: 674 PALM AVE
Facility Mailing City: IMPERIAL BCH
Facility Mailing State: CA
Facility Mailing Zip: 91932-1237
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 110911
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 251 STILL BOTTOMS W/HALOG ORGANICS
Other Information: STILL BOTTOMS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110911
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 351 ORGANIC SOLIDS WITH HALOGENS
Other Information: SPENT CARTRIDGE FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110911
Business Type: 6HK53
EPA Id Number: CAD981629066
APN: DEH-110911
Last HMMD Inspection: 06/26/2012
Facility Telephone: 619-424-8088
Permit Status: EXPR
Permit Expiration: 12/31/2010
Date Last Updated: 11/02/2012
Facility Owner: JESUS MURILLO
Facility Mailing Address: 674 PALM AVE
Facility Mailing City: IMPERIAL BCH
Facility Mailing State: CA
Facility Mailing Zip: 91932-1237
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A B BRITE CLEANERS (Continued)

S104747040

Permit Number: 110911
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 251 STILL BOTTOMS W/HALOG ORGANICS
Other Information: STILL BOTTOMS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110911
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 351 ORGANIC SOLIDS WITH HALOGENS
Other Information: SPENT CARTRIDGE FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

DRYCLEANERS:

EPA Id: CAD981629066
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 04/10/1987
Facility Active: No
Inactive Date: 06/30/2013
Facility Addr2: Not reported
Owner Name: JESUS MURILLO
Owner Address: 674 PALM AVE
Owner Address 2: Not reported
Owner Telephone: 6197550686
Contact Name: JESSE MURILLO
Contact Address: 674 PALM AVE
Contact Address 2: Not reported
Contact Telephone: 6194248088
Mailing Name: Not reported
Mailing Address 1: 674 PALM AVE
Mailing Address 2: Not reported
Mailing City: IMPERIAL BEACH
Mailing State: CA
Mailing Zip: 919320000
Owner Fax: 0000000000
Region Code: 4

EMI:

Year: 1999
County Code: 37
Air Basin: SD
Facility ID: 1122
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A B BRITE CLEANERS (Continued)

S104747040

Total Organic Hydrocarbon Gases Tons/Yr: 3
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 and Smlr Tons/Yr:0

Year: 2000
County Code: 37
Air Basin: SD
Facility ID: 1122
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
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 and Smlr Tons/Yr:0

Year: 2001
County Code: 37
Air Basin: SD
Facility ID: 1122
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
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 and Smlr Tons/Yr:0

Year: 2002
County Code: 37
Air Basin: SD
Facility ID: 1122
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A B BRITE CLEANERS (Continued)

S104747040

Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2003
County Code: 37
Air Basin: SD
Facility ID: 1122
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
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 and Smlr Tons/Yr:0

Year: 2004
County Code: 37
Air Basin: SD
Facility ID: 1122
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.060075
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 and Smlr Tons/Yr:0

Year: 2005
County Code: 37
Air Basin: SD
Facility ID: 1122
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
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 and Smlr Tons/Yr:0

Year: 2006
County Code: 37
Air Basin: SD
Facility ID: 1122

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A B BRITE CLEANERS (Continued)

S104747040

Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .35
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 and Smlr Tons/Yr:0

Year: 2007
County Code: 37
Air Basin: SD
Facility ID: 1122
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .35
Reactive Organic Gases Tons/Yr: .24451
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 and Smlr Tons/Yr:0

Year: 2008
County Code: 37
Air Basin: SD
Facility ID: 1122
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .35
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 and Smlr Tons/Yr:0

Year: 2009
County Code: 37
Air Basin: SD
Facility ID: 1122
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.34999999999999998

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A B BRITE CLEANERS (Continued)

S104747040

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 and Smllr Tons/Yr:	0
Year:	2010
County Code:	37
Air Basin:	SD
Facility ID:	1122
Air District Name:	SD
SIC Code:	7216
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.34999999999999998
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 and Smllr Tons/Yr:	0

C8
South
< 1/8
0.083 mi.
437 ft.

AB BRITE CLEANERS & LAUNDRY
674 PALM AVE FRNT
IMPERIAL BEACH, CA 91932

EDR Hist Cleaner 1018529693
N/A

Site 3 of 3 in cluster C

Relative:
Higher

EDR Hist Cleaner

Actual:
22 ft.

Year:	Name:	Type:
1969	PENNELL EUGENE HENRY	Drycleaning Plants, Except Rugs
1970	PENNELL EUGENE HENRY	Drycleaning Plants, Except Rugs
1980	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1982	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1983	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1985	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1986	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1987	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1988	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1989	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1990	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1991	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1992	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1993	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1994	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1995	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1996	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1997	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1998	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
1999	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2000	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2001	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2002	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2003	A B BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2004	AB BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AB BRITE CLEANERS & LAUNDRY (Continued)

1018529693

2005	AB BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2006	AB BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2007	AB BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2008	AB BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2009	AB BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2010	AB BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2011	AB BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2012	AB BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2013	AB BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2014	AB BRITE CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs

A9
SSE
 < 1/8
 0.089 mi.
 469 ft.

IMPERIAL BEACH MOBIL
681 HY 75
IMPERIAL BEACH, CA 91932

SAN DIEGO CO. SAM
San Diego Co. HMMD
SAN DIEGO CO LOP

S106879474
N/A

Site 4 of 10 in cluster A

Relative:
Higher
Actual:
24 ft.

SAN DIEGO CO. SAM:

Case Number: H05459-001
 Agency: DEH Site Assessment & Mitigation
Funding: Non Billable
 Facility Type: Failed Integrity Test
 Facility Status: Closed Case
 Date: 10/8/1987
 Date Began: 8/28/1986

Case Number: H05459-002
 Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
 Facility Type: Drinking Water Aquifer Impacted
 Facility Status: Closed Case
 Date: 4/29/1998
 Date Began: 5/8/1989

Case Number: H05459-003
 Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
 Facility Type: Soils Only
 Facility Status: Closed Case
 Date: 2/18/2004
 Date Began: Not reported

Case Number: H05459-004
 Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
 Facility Type: Soils Only
 Facility Status: Closed Case
 Date: 11/4/2005
 Date Began: Not reported

HMMD SAN DIEGO:

Permit Number: 203721
 Business Type: 6HK28
 EPA Id Number: CAL000264499
 APN: 626-250-12-00
 Last HMMD Inspection: 04/18/2011
 Facility Telephone: 619-424-3366

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S106879474

Permit Status: CHNG
Permit Expiration: 01/31/2012
Date Last Updated: 11/02/2012
Facility Owner: BEACHSIDE STATION
Facility Mailing Address: 681 HY 75
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932
UST Owner: LATIF ZOURA & NICK SHOSHANI
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 105459 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 203721
Tank Type: SINGLE WALL
Additional Id: REGULAR UNLEADED/RT2653/RT3254,RT3496
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1986-11-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 15
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ SHUTOFF AND ALARM ON LLD AND CERTIFIED ATG: IN-TANK TEST MONTHLY

UST Name: UNDERGROUND TANK 105459 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 203721
Tank Type: SINGLE WALL
Additional Id: PREMIUM UNLEADED/RT2653, RT3496
Capacity Gallons: 8000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1986-11-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 15
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ SHUTOFF AND ALARM ON LLD AND CERTIFIED ATG: IN-TANK TEST MONTHLY

UST Name: UNDERGROUND TANK 105459 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 203721
Tank Type: SINGLE WALL
Additional Id: PREMIUM UNLEADED/RT2653/RT3254, RT3496
Capacity Gallons: 6000
UST Contents: PREMIUM UNLEADED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S106879474

Other Content Info: PREMIUM UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1986-11-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 15
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ SHUTOFF AND ALARM ON LLD AND CERTIFIED ATG: IN-TANK TEST MONTHLY

UST Name: UNDERGROUND TANK 105459 T005
Last Update: 2012-11-02 14:17:38
Permit Number: 203721
Tank Type: DOUBLE WALL
Additional Id: WASTE OIL/AT5166
Capacity Gallons: 1000
UST Contents: Not reported
Other Content Info: USED OIL
Reg Status: REMOVED
Remove Close Date: 2005-05-27 00:00:00
Year Installed: 1986-11-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: GRAVITY
Monitor Code: 21
UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL MONITORS: INTERSTITIAL

SAN DIEGO CO LOP:

Record ID: DEH1986-LSAM-H05459-001
Record Status: Completed
Opened Date: 08/28/1986
Parcel Number: 626-250-12-00
Case Type: Not reported
Historical Name: MOBIL
SWRCB Global ID: T0608109416
Funding: N - Non-Billable
Lead Agency: DEH/SAM
Lead Agency Date: 08/28/1986
Census Tract: 105.01
Community: Imperial Beach
Jurisdiction: IMPERIAL BEACH
Watershed Basin Number: 910.2
Water Purveyor: IMPERIAL BEACH
Fire Agency: IMPERIAL BEACH
Thomas Bros Map Page Grid: 1329 G 7
Latitude: 32.5841994
Longitude: -117.1183593
X MapCoord: 6294179.459
Y MapCoord: 1793435.886

Record ID: DEH1989-LSAM-H05459-002
Record Status: Completed
Opened Date: 05/08/1989
Parcel Number: 626-250-12-00
Case Type: LOP - Local Oversight Program
Historical Name: ABBYS MOBIL

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S106879474

SWRCB Global ID: T0607301577
 Funding: F - LOP Federal Fund
 Lead Agency: DEH/SAM
 Lead Agency Date: 05/08/1989
 Census Tract: 105.01
 Community: Imperial Beach
 Jurisdiction: IMPERIAL BEACH
 Watershed Basin Number: 910.2
 Water Purveyor: IMPERIAL BEACH
 Fire Agency: IMPERIAL BEACH
 Thomas Bros Map Page Grid: 1329 G 7
 Latitude: 32.5841994
 Longitude: -117.1183593
 X MapCoord: 6294179.459
 Y MapCoord: 1793435.886

A10
SSE
 < 1/8
 0.089 mi.
 469 ft.

ABBYS MOBIL SERVICE
681 HIGHWAY 75
IMPERIAL BEACH, CA 91932
Site 5 of 10 in cluster A

SWEEPS UST S103668959
N/A

Relative:
Higher
Actual:
24 ft.

SWEEPS UST:

Status: Not reported
 Comp Number: 5459
 Number: Not reported
 Board Of Equalization: 44-000400
 Referral Date: Not reported
 Action Date: Not reported
 Created Date: Not reported
 Owner Tank Id: Not reported
 SWRCB Tank Id: 37-000-005459-000004
 Tank Status: Not reported
 Capacity: 280
 Active Date: Not reported
 Tank Use: PETROLEUM
 STG: WASTE
 Content: Not reported
 Number Of Tanks: 1

Status: Active
 Comp Number: 5459
 Number: 9
 Board Of Equalization: 44-000400
 Referral Date: Not reported
 Action Date: 06-26-92
 Created Date: 02-29-88
 Owner Tank Id: Not reported
 SWRCB Tank Id: 37-000-005459-000001
 Tank Status: A
 Capacity: 10000
 Active Date: Not reported
 Tank Use: M.V. FUEL
 STG: P
 Content: REG UNLEADED
 Number Of Tanks: 4

Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABBYS MOBIL SERVICE (Continued)

S103668959

Comp Number: 5459
Number: 9
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-005459-000002
Tank Status: A
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 5459
Number: 9
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-005459-000003
Tank Status: A
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 5459
Number: 9
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-005459-000005
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: PETROLEUM
STG: W
Content: Not reported
Number Of Tanks: Not reported

MAP FINDINGS

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

A11 SSE < 1/8 0.089 mi. 469 ft.	BEACH SIDE STATION 681 HY 75 IMPERIAL BEACH, CA 91932 Site 6 of 10 in cluster A	UST	U004262264 N/A
Relative: Higher Actual: 24 ft.	UST: Facility ID: 37-000-216111 Permitting Agency: San Diego County Department of Environmental Health Latitude: 32.5842 Longitude: -117.11836		

A12 SSE < 1/8 0.089 mi. 469 ft.	MOBIL STATION 18-FPL 681 HWY 75 IMPERIAL BEACH, CA 92032 Site 7 of 10 in cluster A	LUST	S104406462 N/A
Relative: Higher Actual: 24 ft.	LUST REG 9: Region: 9 Status: Case Closed Case Number: 9UT282 Local Case: H05459-002 Substance: Gasoline Qty Leaked: 0 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site Local Agency: San Diego How Found: Other Means How Stopped: Repair Tank Source: Tank Cause: Unknown Lead Agency: Local Agency Case Type: Other ground water affected Date Found: 03/15/1989 Date Stopped: 03/15/1989 Confirm Date: 03/15/1989 Submit Workplan: Not reported Prelim Assess: 03/15/1990 Desc Pollution: 3/15/90 Remed Plan: 05/24/1990 Remed Action: Not reported Began Monitor: Not reported Release Date: 08/14/1989 Enforce Date: Not reported Closed Date: 4/29/98 Enforce Type: Not reported Pilot Program: LOP Basin Number: 910.10 GW Depth: 20' Beneficial Use: No Beneficial groundwater use NPDES Number: Not reported Priority: 1B File Dispn: File discarded, case closed Interim Remedial Actions: Yes Cleanup and Abatement order Number: Not reported Waste Discharge Requirement Number: Not reported		

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A13 **RAMIREZ ABELARDO MOBIL**
SSE **681 HWY 75**
< 1/8 **IMPERIAL BEACH, CA 92032**
0.089 mi.
469 ft. **Site 8 of 10 in cluster A**

EDR Hist Auto **1020737557**
N/A

Relative: EDR Hist Auto
Higher

Actual:
24 ft.

Year:	Name:	Type:
1973	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1974	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1975	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1976	RAMIREZ ABELARDO MOBILE	Gasoline Service Stations
1977	RAMIREZ ABELARDO MOBILE	Gasoline Service Stations
1978	RAMIREZ ABELARDO MOBILE	Gasoline Service Stations
1979	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1980	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1982	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1983	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1985	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1986	ABBYS MOBILE SERVICE STATION	Gasoline Service Stations
1986	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1987	ABBYS MOBILE SERVICE STATION	Gasoline Service Stations
1987	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1988	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1989	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1990	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1991	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1992	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1993	RAMIREZ ABELARDO MOBIL	Gasoline Service Stations
1995	ABBYS MOBIL	General Automotive Repair Shops
1996	ABBYS MOBIL	General Automotive Repair Shops
1997	IMPERIAL BEACH MOBIL	Gasoline Service Stations
1998	IMPERIAL BEACH MOBIL	Gasoline Service Stations
1999	IMPERIAL BEACH MOBIL	Gasoline Service Stations
2000	IMPERIAL BEACH MOBIL	Gasoline Service Stations
2001	IMPERIAL BEACH MOBIL	Gasoline Service Stations
2002	IMPERIAL BEACH MOBIL	Gasoline Service Stations
2003	IMPERIAL BEACH MOBIL	Gasoline Service Stations
2004	IMPERIAL BEACH MOBIL	Gasoline Service Stations
2005	IMPERIAL BEACH MOBIL	Gasoline Service Stations, NEC
2006	IMPERIAL BEACH MOBIL	Gasoline Service Stations, NEC
2007	IMPERIAL BEACH MOBIL	Gasoline Service Stations, NEC
2008	IMPERIAL BEACH MOBIL	Gasoline Service Stations, NEC
2009	IMPERIAL BEACH MOBIL	Gasoline Service Stations, NEC
2010	IMPERIAL BEACH MOBIL	Gasoline Service Stations, NEC
2011	IMPERIAL BEACH MOBIL	Gasoline Service Stations, NEC

A14 **IMPERIAL BEACH MOBIL**
SSE **681 HY 75**
< 1/8 **IMPERIAL BEACH, CA 91932**
0.089 mi.
469 ft. **Site 9 of 10 in cluster A**

LUST **S101301694**
CPS-SLIC **N/A**
San Diego Co. HMMD
HIST CORTESE

Relative:
Higher

LUST:

Actual:
24 ft.

Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607301577
Global Id:	T0607301577
Latitude:	32.5848618181596

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S101301694

Longitude: -117.118248939514
Status: Completed - Case Closed
Status Date: 04/29/1998
Case Worker: Not reported
RB Case Number: 9UT282
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H05459-002
Potential Media Affect: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

LUST:

Global Id: T0607301577
Action Type: ENFORCEMENT
Date: 06/02/1989
Action: Notice of Responsibility

Global Id: T0607301577
Action Type: ENFORCEMENT
Date: 03/30/1998
Action: Closure/No Further Action Letter - #H05459-002

LUST:

Global Id: T0607301577
Status: Open - Case Begin Date
Status Date: 05/08/1989

Global Id: T0607301577
Status: Completed - Case Closed
Status Date: 04/29/1998

CPS-SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 11/04/2005
Global Id: T06019704259
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H05459-004
Latitude: 32.5848798982789
Longitude: -117.11820602417
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 10/08/1987
Global Id: T0608109416

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S101301694

Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H05459-001
Latitude: 32.5848437380366
Longitude: -117.118184566498
Case Type: Cleanup Program Site
Case Worker: KH
Local Agency: SAN DIEGO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 02/18/2004
Global Id: T0607391423
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H05459-003
Latitude: 32.5848166178453
Longitude: -117.118302583694
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

HMMD SAN DIEGO:

Permit Number: 216111
Business Type: 6HK28
EPA Id Number: Not reported
APN: 626-250-12-00
Last HMMD Inspection: 04/11/2012
Facility Telephone: 619-424-3366
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: HERVEY TORRES LOPEZ
Facility Mailing Address: 681 HY 75
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932
UST Owner: LEE ZOURA
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S101301694

Inventory Active Permits (not SQG Medical):

Permit Number: 216111
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: UNDERGROUND TANK 105459 T002
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 216111
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: PREMIUM UNLEADED
Other Information: UNDERGROUND TANK 105459 T003
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 216111
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 105459 T001
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 216111
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Other Information: WATER & FUEL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 216111
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: FUEL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

UST:

UST Name: UNDERGROUND TANK 105459 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 216111
Tank Type: SINGLE WALL
Additional Id: REGULAR UNLEADED/RT2653/RT3254,RT3496
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLADED
Reg Status: ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S101301694

Remove Close Date: Not reported
Year Installed: 1986-11-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 15
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ SHUTOFF AND ALARM ON LLD AND CERTIFIED
ATG: IN-TANK TEST MONTHLY

UST Name: UNDERGROUND TANK 105459 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 216111
Tank Type: SINGLE WALL
Additional Id: PREMIUM UNLEADED/RT2653, RT3496
Capacity Gallons: 8000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1986-11-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 15
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ SHUTOFF AND ALARM ON LLD AND CERTIFIED
ATG: IN-TANK TEST MONTHLY

UST Name: UNDERGROUND TANK 105459 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 216111
Tank Type: SINGLE WALL
Additional Id: PREMIUM UNLEADED/RT2653/RT3254, RT3496
Capacity Gallons: 6000
UST Contents: PREMIUM UNLEADED
Other Content Info: PREMIUM UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1986-11-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 15
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ SHUTOFF AND ALARM ON LLD AND CERTIFIED
ATG: IN-TANK TEST MONTHLY

UST Name: UNDERGROUND TANK 105459 T005
Last Update: 2012-11-02 14:17:38
Permit Number: 216111
Tank Type: DOUBLE WALL
Additional Id: WASTE OIL/AT5166
Capacity Gallons: 1000
UST Contents: Not reported
Other Content Info: USED OIL
Reg Status: REMOVED
Remove Close Date: 2005-05-27 00:00:00
Year Installed: 1986-11-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: GRAVITY
Monitor Code: 21
UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S101301694

MONITORS: INTERSTITIAL

Permit Number: 216111
Business Type: 6HK28
EPA Id Number: Not reported
APN: 626-250-12-00
Last HMMD Inspection: 04/11/2012
Facility Telephone: 619-424-3366
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: HERVEY TORRES LOPEZ
Facility Mailing Address: 681 HY 75
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932
UST Owner: LEE ZOURA
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 216111
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: UNDERGROUND TANK 105459 T002
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 216111
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: PREMIUM UNLEADED
Other Information: UNDERGROUND TANK 105459 T003
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 216111
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 105459 T001
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 216111
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Other Information: WATER & FUEL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S101301694

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 216111
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: FUEL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

UST:

UST Name: UNDERGROUND TANK 105459 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 216111
Tank Type: SINGLE WALL
Additional Id: REGULAR UNLEADED/RT2653/RT3254,RT3496
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1986-11-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 15
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ SHUTOFF AND ALARM ON LLD AND CERTIFIED ATG: IN-TANK TEST MONTHLY

UST Name: UNDERGROUND TANK 105459 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 216111
Tank Type: SINGLE WALL
Additional Id: PREMIUM UNLEADED/RT2653, RT3496
Capacity Gallons: 8000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1986-11-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 15
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ SHUTOFF AND ALARM ON LLD AND CERTIFIED ATG: IN-TANK TEST MONTHLY

UST Name: UNDERGROUND TANK 105459 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 216111
Tank Type: SINGLE WALL
Additional Id: PREMIUM UNLEADED/RT2653/RT3254, RT3496
Capacity Gallons: 6000
UST Contents: PREMIUM UNLEADED
Other Content Info: PREMIUM UNLEADED
Reg Status: ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S101301694

Remove Close Date: Not reported
Year Installed: 1986-11-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 15
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ SHUTOFF AND ALARM ON LLD AND CERTIFIED ATG: IN-TANK TEST MONTHLY

UST Name: UNDERGROUND TANK 105459 T005
Last Update: 2012-11-02 14:17:38
Permit Number: 216111
Tank Type: DOUBLE WALL
Additional Id: WASTE OIL/AT5166
Capacity Gallons: 1000
UST Contents: Not reported
Other Content Info: USED OIL
Reg Status: REMOVED
Remove Close Date: 2005-05-27 00:00:00
Year Installed: 1986-11-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: GRAVITY
Monitor Code: 21
UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL MONITORS: INTERSTITIAL

Permit Number: Not reported
Business Type: Not reported
EPA Id Number: cal000286762
APN: Not reported
Last HMMMD Inspection: Not reported
Facility Telephone: 619-424-3366
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 12/27/2017
Facility Owner: Not reported
Facility Mailing Address: 681 HY 75, IMPERIAL BEACH, CA 91932
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: Y
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-216111
Program Element: Underground Storage Tank
Inspection Type: Routine
Inspection Number: 4687528
Return To Compliance Date: 2013-05-15T00:00:00.000
Nov: No

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S101301694

Violation Classification: Not reported
Underground Storage Tank Id: 375
Container/Tank Id: Not reported
Last Update: 2017-12-27T00:00:00.000
Inspection Date: 2013-05-14T09:25:00.000
Violation Code: 2030025 Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. 23 CCR 16 2636(f)(2)

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-216111
Program Element: Underground Storage Tank
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4861504
Return To Compliance Date: 2013-05-15T00:00:00.000
Nov: No
Violation Classification: Not reported
Underground Storage Tank Id: 375
Container/Tank Id: Not reported
Last Update: 2017-12-27T00:00:00.000
Inspection Date: 2013-05-14T16:35:00.000
Violation Code: 2030025 Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. 23 CCR 16 2636(f)(2)

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-216111
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5059383
Return To Compliance Date: 2016-04-15T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2017-12-27T00:00:00.000
Inspection Date: 2015-04-17T00:00:00.000
Violation Code: 3030010 Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.; 22 CCR 12 66262.34(d).

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-216111
Program Element: Underground Storage Tank
Inspection Type: Routine
Inspection Number: 4960611

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S101301694

Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2017-12-27T00:00:00.000
Inspection Date: 2014-04-18T11:41:00.000
Violation Code: 2030039 Failure to comply with one or more of the operating permit conditions. 23 CCR 16 2712; HSC 6.7 25299

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-216111
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5059383
Return To Compliance Date: 2015-04-17T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2017-12-27T00:00:00.000
Inspection Date: 2015-04-17T00:00:00.000
Violation Code: 1010003 Owner/Operator failed to complete and/or submit the Business Activities Page and/or Business Owner Operator Identification Page; 19 CCR 4 2729.2(a)(1).

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-216111
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5646863
Return To Compliance Date: 2017-06-14T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2017-12-27T00:00:00.000
Inspection Date: 2017-04-14T14:59:00.000
Violation Code: 3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f).) HSC 25201(a); 22 CCR 66262.34(d)

UST DTL:

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-216111
Facility Type (Ust Facility): Motor Vehicle Fueling
Tank Owner Name: HERVEY TORRES LOPEZ
Tankid: 19523
Tank Status: Active
Date Ust Permanently Closed: Not reported
Tank Use: Motor Vehicle Fueling

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S101301694

Piping System Type: Pressure
Last Updated: 2017-12-27T02:33:50.000
Tank Capacityin Gallons: 10000
Tank Contents: Regular Unleaded
Type Of Tank: Single Wall

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-216111
Facility Type (Ust Facility): Motor Vehicle Fueling
Tank Owner Name: HERVEY TORRES LOPEZ
Tankid: 19524
Tank Status: Active
Date Ust Permanently Closed: Not reported
Tank Use: Motor Vehicle Fueling
Piping System Type: Pressure
Last Updated: 2017-12-27T02:33:50.000
Tank Capacityin Gallons: 10000
Tank Contents: Regular Unleaded
Type Of Tank: Single Wall

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-216111
Facility Type (Ust Facility): Motor Vehicle Fueling
Tank Owner Name: HERVEY TORRES LOPEZ
Tankid: 19525
Tank Status: Active
Date Ust Permanently Closed: Not reported
Tank Use: Motor Vehicle Fueling
Piping System Type: Pressure
Last Updated: 2017-12-27T02:33:50.000
Tank Capacityin Gallons: 10000
Tank Contents: Regular Unleaded
Type Of Tank: Single Wall

Waste and Materials:

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0122726
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-27T02:33:50.000
Chemical Name: PREMIUM UNLEADED
Common Name: UNDERGROUND TANK 105459 T003
Case Number: 8006-61-9

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0122727
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-27T02:33:50.000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL BEACH MOBIL (Continued)

S101301694

Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 105459 T001
Case Number: 8006-61-9

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0122728
Trade Secret: N
Hazardous Material Type: Pure

Last Updated: 2017-12-27T02:33:50.000
Chemical Name: DIESEL FUEL
Common Name: UNDERGROUND TANK 105459 T002
Case Number: 68476-34-6

Record ID: DEH2012-HUPFP-216111
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102512
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-27T02:33:50.000
Chemical Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Common Name: WATER & FUEL
Case Number: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT282

A15 **IMPERIAL BEACH MOBIL**
SSE **681 HIGHWAY 75**
< 1/8 **IMPERIAL BEACH, CA 91932**
0.089 mi.
469 ft. **Site 10 of 10 in cluster A**

UST **U003789236**
N/A

Relative: UST:
Higher Facility ID: H05459
Actual: Permitting Agency: SAN DIEGO COUNTY
24 ft. Latitude: 32.5855335
Longitude: -117.1171659

16 **TUNEUP MASTERS NO. 410**
SE **741 PALM AVE**
1/8-1/4 **IMPERIAL BCH, CA 91932**
0.161 mi.
852 ft.

SWEEPS UST **S106933285**
N/A

Relative: SWEEPS UST:
Higher Status: Not reported
Actual: Comp Number: 13430
22 ft. Number: Not reported
Board Of Equalization: 44-022778

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUNEUP MASTERS NO. 410 (Continued)

S106933285

Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-013430-000001
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: PETROLEUM
STG: WASTE
Content: Not reported
Number Of Tanks: 1

Status: Active
Comp Number: 13430
Number: 9
Board Of Equalization: 44-022778
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

17
ESE
1/8-1/4
0.216 mi.
1140 ft.

CVS PHARMACY #9120
800 PALM AVE
IMPERIAL BEACH, CA 91932

RCRA-LQG 1015740270
FINDS CAR000229542
ECHO

Relative:
Lower

RCRA-LQG:

Actual:
19 ft.

Date form received by agency: 08/26/2016
Facility name: CVS PHARMACY #9120
Facility address: 800 PALM AVE
IMPERIAL BEACH, CA 91932
EPA ID: CAR000229542
Mailing address: CVS DR
MAIL DROP 23062A
WOONSOCKET, RI 02895
Contact: NICOLE WILKINSON
Contact address: CVS DR MAIL CODE 2340
WOONSOCKET, RI 02895
Contact country: US
Contact telephone: 401-770-7132
Contact email: NICOLE.WILKINSON@CVSHEALTH.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #9120 (Continued)

1015740270

waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: GARFIELD BEACH CVS, L.L.C.
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/02/2006
Owner/Op end date: Not reported

Owner/operator name: IMPERIAL BEACH PROMENADE LLC
Owner/operator address: CARROLL CANYON RD STE 200
SAN DIEGO, CA 92121
Owner/operator country: US
Owner/operator telephone: 858-373-1234
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/10/2000
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics
. Waste code: 214

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #9120 (Continued)

1015740270

- . Waste name: Unspecified solvent mixture
- . Waste code: 311
- . Waste name: Pharmaceutical waste
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D010
- . Waste name: SELENIUM
- . Waste code: D024
- . Waste name: M-CRESOL
- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
- . Waste code: P075
- . Waste name: NICOTINE, & SALTS
- . Waste code: U002
- . Waste name: ACETONE (I)
- . Waste code: U129
- . Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA,2ALPHA,3BETA,4ALPHA,5ALPHA,6BETA)-
- . Waste code: U205
- . Waste name: SELENIUM SULFIDE

Historical Generators:

- Date form received by agency: 03/01/2014
- Site name: CVS PHARMACY #9120
- Classification: Large Quantity Generator
- . Waste code: 122
- . Waste name: Alkaline solution without metals (pH > 12.5)
- . Waste code: 123
- . Waste name: Unspecified alkaline solution

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #9120 (Continued)

1015740270

- . Waste code: 131
- . Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

- . Waste code: 134
- . Waste name: Aqueous solution with <10% total organic residues

- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics

- . Waste code: 181
- . Waste name: Other inorganic solid waste

- . Waste code: 214
- . Waste name: Unspecified solvent mixture

- . Waste code: 311
- . Waste name: Pharmaceutical waste

- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics

- . Waste code: 352
- . Waste name: Other organic solids

- . Waste code: 541
- . Waste name: Photochemicals / photo processing waste

- . Waste code: 561
- . Waste name: Detergent and soap

- . Waste code: 791
- . Waste name: Liquids with pH < 2

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: D004
- . Waste name: ARSENIC

- . Waste code: D005

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #9120 (Continued)

1015740270

- . Waste code: D006
- . Waste name: BARIUM
- . Waste code: D007
- . Waste name: CADMIUM
- . Waste code: D008
- . Waste name: CHROMIUM
- . Waste code: D009
- . Waste name: LEAD
- . Waste code: D010
- . Waste name: MERCURY
- . Waste code: D011
- . Waste name: SELENIUM
- . Waste code: D016
- . Waste name: SILVER
- . Waste code: D018
- . Waste name: 2,4-D
- . Waste code: D024
- . Waste name: BENZENE
- . Waste code: D027
- . Waste name: M-CRESOL
- . Waste code: D035
- . Waste name: 1,4-DICHLOROBENZENE
- . Waste code: D039
- . Waste name: METHYL ETHYL KETONE
- . Waste code: P001
- . Waste name: TETRACHLOROETHYLENE
- . Waste code: P012
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
- . Waste code: P075
- . Waste name: ARSENIC OXIDE AS2O3
- . Waste code: P081
- . Waste name: NICOTINE, & SALTS
- . Waste code: P188
- . Waste name: NITROGLYCERINE (R)
- . Waste code: U002
- . Waste name: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-ACETONE (I)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #9120 (Continued)

1015740270

. Waste code: U010
. Waste name: AZIRINO[2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE,
6-AMINO-8-[[[(AMINOCARBONYL)OXY]METHYL]-
1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA,
8BETA,8AALPHA,8BALPHA)]-

. Waste code: U031
. Waste name: 1-BUTANOL (I)

. Waste code: U034
. Waste name: ACETALDEHYDE, TRICHLORO-

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]-

. Waste code: U044
. Waste name: CHLOROFORM

. Waste code: U058
. Waste name: CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: DAUNOMYCIN

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO-

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO-

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-,
(1ALPHA,2ALPHA,3BETA,4ALPHA,5ALPHA,6BETA)-

. Waste code: U132
. Waste name: HEXACHLOROPHENE

. Waste code: U150
. Waste name: MELPHALAN

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U188
. Waste name: PHENOL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #9120 (Continued)

1015740270

- . Waste code: U200
- . Waste name: RESERPINE

- . Waste code: U201
- . Waste name: 1,3-BENZENEDIOL

- . Waste code: U204
- . Waste name: SELENIOS ACID

- . Waste code: U205
- . Waste name: SELENIUM SULFIDE

- . Waste code: U206
- . Waste name: GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-

- . Waste code: U210
- . Waste name: ETHENE, TETRACHLORO-

- . Waste code: U279
- . Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

- . Waste code: U411
- . Waste name: PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR

Date form received by agency: 09/04/2012

Site name: CVS PHARMACY NO 9120

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

- . Waste code: P042
- . Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)-

- . Waste code: P075
- . Waste name: NICOTINE, & SALTS

- . Waste code: P081

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #9120 (Continued)

1015740270

Waste name: NITROGLYCERINE (R)

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 318

Waste code: D007

Waste name: CHROMIUM

Amount (Lbs): 54

Waste code: D009

Waste name: MERCURY

Amount (Lbs): 95

Waste code: D010

Waste name: SELENIUM

Amount (Lbs): 54

Waste code: D024

Waste name: M-CRESOL

Amount (Lbs): 95

Waste code: P001

Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Amount (Lbs): 31

Waste code: P075

Waste name: NICOTINE, & SALTS

Amount (Lbs): 26

Waste code: U002

Waste name: ACETONE (I)

Amount (Lbs): 252

Waste code: U129

Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA,2ALPHA,3BETA,4ALPHA,5ALPHA,6BETA)-

Amount (Lbs): 95

Waste code: U205

Waste name: SELENIUM SULFIDE

Amount (Lbs): 95

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #9120 (Continued)

1015740270

FINDS:

Registry ID: 110046525774

Environmental Interest/Information System

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

HAZARDOUS WASTE BIENNIAL REPORTER

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1015740270
Registry ID: 110046525774
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110046525774>

**18
East
1/4-1/2
0.330 mi.
1745 ft.**

**PRIVATE RESIDENCE
PRIVATE RESIDENCE
IMPERIAL BEACH, CA 91932**

**CPS-SLIC S105693757
N/A**

**Relative:
Lower
Actual:
18 ft.**

CPS-SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 05/30/2002
Global Id: T060738559
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Lead Agency Case Number: Not reported
Latitude: 32.585361
Longitude: -117.113362
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: SLT90026
File Location: Regional Board
Potential Media Affected: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Haz Mat incident report filed : SUSPECTED RESPONSIBLE PARTY HAS BEEN DUMPING OIL ONTO THE GROUND FOR OVER A YEAR. : SPILL REPORTED 12/31/01
Not reported

Click here to access the California GeoTracker records for this facility:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

19
ENE
1/4-1/2
0.395 mi.
2085 ft.

BAYSIDE ELEMENTARY SCHOOL
490 EMORY ST
IMPERIAL BEACH, CA 91932

SAN DIEGO CO. SAM
CPS-SLIC
San Diego Co. HMMD

S105539679
N/A

Relative:
Lower
Actual:
12 ft.

SAN DIEGO CO. SAM:
Case Number: H31395-001
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
Facility Type: Soils Only
Facility Status: Closed Case
Date: 3/24/1992
Date Began: Not reported

CPS-SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 03/24/1992
Global Id: T0608157066
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H31395-001
Latitude: 32.58802
Longitude: -117.113052
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

HMMD SAN DIEGO:
Permit Number: 131395
Business Type: Not reported
EPA Id Number: Not reported
APN: 626-090-12-00
Last HMMD Inspection: Not reported
Facility Telephone: Not reported
Permit Status: INAC
Permit Expiration: Not reported
Date Last Updated: 11/02/2012
Facility Owner: SOUTH BAY UNION SCHOOL DISTRCT
Facility Mailing Address: 2000 LEON AV
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92154-3914
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D20 **ROSA DURAN**
ESE **989 PALM AV**
1/4-1/2 **IMPERIAL BEACH, CA 91932**
0.416 mi.
2194 ft. **Site 1 of 2 in cluster D**

LUST **S104745233**
SAN DIEGO CO. SAM **N/A**
HIST CORTESE
SAN DIEGO CO LOP

Relative:
Higher
Actual:
25 ft.

LUST:
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607302219
Global Id: T0607302219
Latitude: 32.5835354428915
Longitude: -117.112188932406
Status: Completed - Case Closed
Status Date: 06/04/2002
Case Worker: Not reported
RB Case Number: 9UT3456
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H01168-001
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0607302219
Action Type: Other
Date: 04/15/1997
Action: Leak Discovery

Global Id: T0607302219
Action Type: ENFORCEMENT
Date: 04/24/1997
Action: Notice of Responsibility

Global Id: T0607302219
Action Type: Other
Date: 04/15/1997
Action: Leak Began

Global Id: T0607302219
Action Type: Other
Date: 04/15/1997
Action: Leak Reported

Global Id: T0607302219
Action Type: Other
Date: 04/15/1997
Action: Leak Stopped

LUST:
Global Id: T0607302219
Status: Open - Case Begin Date
Status Date: 04/15/1997

Global Id: T0607302219
Status: Completed - Case Closed
Status Date: 06/04/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSA DURAN (Continued)

S104745233

SAN DIEGO CO. SAM:

Case Number: H01168-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
Facility Type: GW With No Beneficial Use Designation
Facility Status: Closed Case
Date: 6/4/2002
Date Began: 4/15/1997

HIST CORTESE:

Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT3456

SAN DIEGO CO LOP:

Record ID: DEH1997-LSAM-H01168-001
Record Status: Completed
Opened Date: 04/15/1997
Parcel Number: 626-282-21-00
Case Type: LOP - Local Oversight Program
Historical Name: HIGH & MIGHTY OFF ROAD
SWRCB Global ID: T0607302219
Funding: F - LOP Federal Fund
Lead Agency: DEH/SAM
Lead Agency Date: 04/22/1997
Census Tract: 105.02
Community: Imperial Beach
Jurisdiction: IMPERIAL BEACH
Watershed Basin Number: 910.2
Water Purveyor: IMPERIAL BEACH
Fire Agency: IMPERIAL BEACH
Thomas Bros Map Page Grid: 1329 H 7
Latitude: 32.5836251
Longitude: -117.1122504
X MapCoord: 6296049.684
Y MapCoord: 1793232.322

D21
ESE
1/4-1/2
0.416 mi.
2194 ft.

DURAN TRANSMISSION
989 PALM AVE
IMPERIAL BEACH, CA 91932

Site 2 of 2 in cluster D

RCRA-SQG 1000840860
LUST CAD982500167
SWEEPS UST
FINDS
ECHO

Relative:
Higher
Actual:
25 ft.

RCRA-SQG:
Date form received by agency: 12/10/1992
Facility name: DURAN TRANSMISSION
Facility address: 989 PALM AVE
IMPERIAL BEACH, CA 91932
EPA ID: CAD982500167
Contact: OSCAR SALGADO
Contact address: 989 PALM AVE
IMPERIAL BEACH, CA 91932
Contact country: US
Contact telephone: 619-423-1684
Contact email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DURAN TRANSMISSION (Continued)

1000840860

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: ROSA DURAN
Owner/operator address: 989 PALM AVE
IMPERIAL BEACH, CA 91932
Owner/operator country: Not reported
Owner/operator telephone: 619-423-1684
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

LUST REG 9:

Region: 9
Status: Preliminary site assessment underway

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DURAN TRANSMISSION (Continued)

1000840860

Case Number: 9UT3456
Local Case: H01168-001
Substance: Waste Oil
Qty Leaked: 0
Abate Method: Not reported
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Not reported
Source: Not reported
Cause: Not reported
Lead Agency: Local Agency
Case Type: Soil only
Date Found: 04/15/1997
Date Stopped: 04/15/1997
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 04/22/1997
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 04/29/1997
Enforce Date: 4/24/97
Closed Date: Not reported
Enforce Type: SEL
Pilot Program: LOP
Basin Number: 910.20
GW Depth: >5'
Beneficial Use: MUNB/EISW
NPDES Number: Not reported
Priority: 3B
File Dispn: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SWEEPS UST:

Status: Active
Comp Number: 1168
Number: 9
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-001168-000001
Tank Status: A
Capacity: 300
Active Date: Not reported
Tank Use: PETROLEUM
STG: P
Content: Not reported
Number Of Tanks: 1

FINDS:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DURAN TRANSMISSION (Continued)

1000840860

Registry ID: 110002833444

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000840860
 Registry ID: 110002833444
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002833444>

22
ENE
1/4-1/2
0.482 mi.
2544 ft.

Relative:
Lower

Actual:
16 ft.

CITY OF I B PUBLIC WORKS YARD
495 10TH ST
IMPERIAL BEACH, CA 91932

ENVIROSTOR
LUST
SAN DIEGO CO. SAM
CPS-SLIC
AST
San Diego Co. HMMD
SWEEPS UST
ENF
HIST CORTESE
NPDES
CIWQS
SAN DIEGO CO LOP

S101301693
N/A

ENVIROSTOR:

Facility ID: 37470001
 Status: Refer: 1248 Local Agency
 Status Date: 09/08/2004
 Site Code: Not reported
 Site Type: Evaluation
 Site Type Detailed: Evaluation
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Referred - Not Assigned
 Division Branch: Cleanup Cypress
 Assembly: 79
 Senate: Not reported
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not Applicable
 Latitude: 32.58912
 Longitude: -117.1111
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 37470001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:

Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607301197
Global Id: T0607301197
Latitude: 32.5886798
Longitude: -117.1117987
Status: Completed - Case Closed
Status Date: 09/23/1994
Case Worker: Not reported
RB Case Number: 9UT2439
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H20490-002
Potential Media Affect: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

LUST:

Global Id: T0607301197
Action Type: ENFORCEMENT
Date: 05/24/1993
Action: Notice of Responsibility

LUST:

Global Id: T0607301197
Status: Open - Case Begin Date
Status Date: 05/24/1993

Global Id: T0607301197
Status: Completed - Case Closed
Status Date: 09/23/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

LUST REG 9:

Region: 9
Status: Case Closed
Case Number: 9UT2439
Local Case: H20490-002
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Close Tank
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Soil only
Date Found: 05/17/1993
Date Stopped: 05/17/1993
Confirm Date: 05/17/1993
Submit Workplan: 5/17/93
Prelim Assess: 05/25/1993
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 05/24/1993
Enforce Date: Not reported
Closed Date: 9/6/94
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 910.20
GW Depth: 14'
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: 2B
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SAN DIEGO CO. SAM:

Case Number: H20490-001
Agency: DEH Site Assessment & Mitigation
Funding: Non Billable
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 11/4/1993
Date Began: 1/5/1993

Case Number: H20490-002
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
Facility Type: Soils Only
Facility Status: Closed Case
Date: 9/23/1994
Date Began: 4/13/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Case Number: H20490-003
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
Facility Type: Soils Only
Facility Status: Closed Case
Date: 3/1/2005
Date Began: Not reported

CPS-SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 03/01/2005
Global Id: T06019730174
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H20490-003
Latitude: 32.58873
Longitude: -117.111812
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 11/04/1993
Global Id: T0608192615
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H20490-001
Latitude: 32.5886798
Longitude: -117.1117987
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

AST:

Certified Unified Program Agencies: Not reported
Owner: CITY OF IMPERIAL BEACH
Total Gallons: Not reported
CERSID: 10360102
Facility ID: 37-000-120490
Business Name: CITY OF I B PUBLIC WORKS YARD
Phone: 619-423-8300
Fax: Not reported

Map ID
Direction
Distance
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EDR ID Number
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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Mailing Address: 825 IMPERIAL BEACH BL
Mailing Address City: IMPERIAL BEACH
Mailing Address State: CA
Mailing Address Zip Code: Not reported
Operator Name: CITY OF IMPERIAL BEACH
Operator Phone: 619-423-8300
Owner Phone: 619-423-8311
Owner Mail Address: 495 10TH ST
Owner State: CA
Owner Zip Code: 91932
Owner Country: United States
Property Owner Name: CITY OF IMPERIAL BEACH
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: 0
Property Owner Country: United States
EPAID: CAD981379431

Certified Unified Program Agencies: San Diego
Owner: CITY OF IMPERIAL BEACH
Total Gallons: 3540
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
Fax: Not reported
Mailing Address: Not reported
Mailing Address City: Not reported
Mailing Address State: Not reported
Mailing Address Zip Code: Not reported
Operator Name: Not reported
Operator Phone: Not reported
Owner Phone: Not reported
Owner Mail Address: Not reported
Owner State: Not reported
Owner Zip Code: Not reported
Owner Country: Not reported
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

HMMD SAN DIEGO:

Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAD981379431
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 619-423-8300
Permit Status: Permit Renewed
Permit Expiration: Not reported

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Date Last Updated: 02/09/2018
Facility Owner: Not reported
Facility Mailing Address: 825 IMPERIAL BEACH BLVD, IMPERIAL BEACH, CA 91932-2702
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-120490
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5751068
Return To Compliance Date: 2017-10-02T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2018-02-16T01:30:57.000
Inspection Date: 2017-10-02T10:31:00.000
Violation Code: 1020002 Initial &/or annual employee training not conducted for hazardous materials management &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-120490
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4086587
Return To Compliance Date: 2015-10-09T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2018-02-16T01:30:57.000
Inspection Date: 2015-10-01T13:01:00.000
Violation Code: 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)

UST DTL:

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-120490
Facility Type (Ust Facility): Not reported

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Tank Owner Name: CITY OF IMPERIAL BEACH
Tankid: 25392
Tank Status: Removed
Date Ust Permanently Closed: 04/13/1993
Tank Use: 04
Piping System Type: Not reported
Last Updated: 2018-02-16T01:31:03.000
Tank Capacityin Gallons: 500
Tank Contents: Not reported
Type Of Tank: 01

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-120490
Facility Type (Ust Facility): Not reported
Tank Owner Name: CITY OF IMPERIAL BEACH
Tankid: 25389
Tank Status: Removed
Date Ust Permanently Closed: 04/13/1993
Tank Use: 01
Piping System Type: 02
Last Updated: 2018-02-16T01:31:03.000
Tank Capacityin Gallons: 5000
Tank Contents: 1A
Type Of Tank: 01

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-120490
Facility Type (Ust Facility): Not reported
Tank Owner Name: CITY OF IMPERIAL BEACH
Tankid: 25391
Tank Status: Removed
Date Ust Permanently Closed: 04/13/1993
Tank Use: 01
Piping System Type: 02
Last Updated: 2018-02-16T01:31:03.000
Tank Capacityin Gallons: 1000
Tank Contents: Diesel
Type Of Tank: 01

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-120490
Facility Type (Ust Facility): Not reported
Tank Owner Name: CITY OF IMPERIAL BEACH
Tankid: 25390
Tank Status: Removed
Date Ust Permanently Closed: 04/13/1993
Tank Use: 01
Piping System Type: 02
Last Updated: 2018-02-16T01:31:03.000
Tank Capacityin Gallons: 5000
Tank Contents: 02

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Type Of Tank: 01

Waste and Materials:

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0121994
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: DEGREASER
Common Name: DEGREASER
Case Number: Not reported

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0121995
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: BIO-GRAFFITI
Common Name: D'LIMONENE
Case Number: 6864-2-3

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0121996
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: DIESEL
Common Name: DIESEL
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0121997
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0121998
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: MOTOR OIL
Common Name: MOTOR OIL
Case Number: 8002-05-9

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CITY OF I B PUBLIC WORKS YARD (Continued)

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Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0121999
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: GASOLINE
Common Name: GASOLINE
Case Number: 8006-61-9

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0122000
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: PAINT
Common Name: PAINT
Case Number: mixture

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0122001
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102088
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Common Name: ANTIFREEZE
Case Number: Not reported

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102089
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL IN ABOVE GROUND
Case Number: Not reported

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed

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CITY OF I B PUBLIC WORKS YARD (Continued)

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Active Permit: Y
Child Record Id: DEH2016-HWAST-0102090
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: ABSORBENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-120490
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102091
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:44:11.000
Chemical Name: Parts Washer/Processing Equipment
Common Name: Parts Washer
Case Number: Not reported

Permit Number: 120490
Business Type: 6HK26
EPA Id Number: CAD981379431
APN: 626-060-05-00
Last HMMD Inspection: 08/20/2012
Facility Telephone: 619-423-8300
Permit Status: OPEN
Permit Expiration: 06/30/2013
Date Last Updated: 11/02/2012
Facility Owner: CITY OF IMPERIAL BEACH
Facility Mailing Address: 825 IMPERIAL BEACH BL
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932-2702
UST Owner: CITY OF IMPERIAL BEACH
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: AIR
Other Information: AIR

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 6864-2-3
Name: BIO-GRAFFITI
Other Information: D'LIMONENE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: DEGREASER
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: GASOLINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: MOTOR OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Permit Number: 120490
Update Date: 11/02/2012
Case Number: mixture
Name: PAINT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: ABSORBENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: PARTS WASHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL IN ABOVE GROUND
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY ABSORBENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported

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Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: INTERSTATE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 860 UNIVERSAL WASTE CRTS/LAMPS/BATTERIES/ETC
Other Information: UNIVERSAL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 120490
Update Date: 11/02/2012
Inspection Date: 06/03/2005
Violation Code: 6HV1002
Violation: HMBP NOT ESTABLISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: ACTIVE

Permit Number: 120490
Update Date: 11/02/2012
Inspection Date: 08/20/2012
Violation Code: 6HV1012
Violation: SPCC PLAN NOT PREPARED
Violation Citation: Spill Prevention Countermeasures & Control Plan not prepared as required. 25270.5 (c)
Activity: ACTIVE

Permit Number: 120490
Update Date: 11/02/2012
Inspection Date: 08/20/2012
Violation Code: 6HV1017
Violation: HMBP NOT CERTIFIED ANNUALLY

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CITY OF I B PUBLIC WORKS YARD (Continued)

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Violation Citation: Business Plan not certified annually. 25505(d) & (e)(2)
Activity: ACTIVE

Permit Number: 120490
Update Date: 11/02/2012
Inspection Date: 10/09/2003
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

UST:

UST Name: UNDERGROUND TANK 120490 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 120490
Tank Type: SINGLE WALL
Additional Id: 1
Capacity Gallons: 5000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1993-04-13 00:00:00
Year Installed: 1975-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 120490 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 120490
Tank Type: SINGLE WALL
Additional Id: 2
Capacity Gallons: 5000
UST Contents: LEADED
Other Content Info: LEADED
Reg Status: REMOVED
Remove Close Date: 1993-04-13 00:00:00
Year Installed: 1975-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 120490 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 120490
Tank Type: SINGLE WALL
Additional Id: 3
Capacity Gallons: 1000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1993-04-13 00:00:00

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CITY OF I B PUBLIC WORKS YARD (Continued)

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Year Installed: 1975-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 120490 T004
Last Update: 2012-11-02 14:17:38
Permit Number: 120490
Tank Type: SINGLE WALL
Additional Id: 4
Capacity Gallons: 500
UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED
Remove Close Date: 1993-04-13 00:00:00
Year Installed: 1975-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: Not reported
Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

Permit Number: 120490
Business Type: 6HK26
EPA Id Number: CAD981379431
APN: 626-060-05-00
Last HMMD Inspection: 08/20/2012
Facility Telephone: 619-423-8300
Permit Status: OPEN
Permit Expiration: 06/30/2013
Date Last Updated: 11/02/2012
Facility Owner: CITY OF IMPERIAL BEACH
Facility Mailing Address: 825 IMPERIAL BEACH BL
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932-2702
UST Owner: CITY OF IMPERIAL BEACH
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 120490

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Update Date: 11/02/2012
Case Number: Not reported
Name: AIR
Other Information: AIR
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 6864-2-3
Name: BIO-GRAFFITI
Other Information: D'LIMONENE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: DEGREASER
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: GASOLINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: MOTOR OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	120490
Update Date:	11/02/2012
Case Number:	mixture
Name:	PAINT
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	120490
Update Date:	11/02/2012
Case Number:	68476-85-7
Name:	PROPANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	120490
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information:	ABSORBENT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	120490
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 213 HYDROCARBON SOLVENTS
Other Information:	PARTS WASHER
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	120490
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL IN ABOVE GROUND
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	120490
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information:	OILY ABSORBENT
Material Waste:	Waste
Hazardous Categories 1:	Not reported

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Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: INTERSTATE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 860 UNIVERSAL WASTE CRTS/LAMPS/BATTERIES/ETC
Other Information: UNIVERSAL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 120490
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 120490
Update Date: 11/02/2012
Inspection Date: 06/03/2005
Violation Code: 6HV1002
Violation: HMBP NOT ESTABLISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: ACTIVE

Permit Number: 120490
Update Date: 11/02/2012
Inspection Date: 08/20/2012
Violation Code: 6HV1012
Violation: SPCC PLAN NOT PREPARED
Violation Citation: Spill Prevention Countermeasures & Control Plan not prepared as required. 25270.5 (c)
Activity: ACTIVE

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Permit Number: 120490
Update Date: 11/02/2012
Inspection Date: 08/20/2012
Violation Code: 6HV1017
Violation: HMBP NOT CERTIFIED ANNUALLY
Violation Citation: Business Plan not certified annually. 25505(d) & (e)(2)
Activity: ACTIVE

Permit Number: 120490
Update Date: 11/02/2012
Inspection Date: 10/09/2003
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

UST:

UST Name: UNDERGROUND TANK 120490 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 120490
Tank Type: SINGLE WALL
Additional Id: 1
Capacity Gallons: 5000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1993-04-13 00:00:00
Year Installed: 1975-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 120490 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 120490
Tank Type: SINGLE WALL
Additional Id: 2
Capacity Gallons: 5000
UST Contents: LEADED
Other Content Info: LEADED
Reg Status: REMOVED
Remove Close Date: 1993-04-13 00:00:00
Year Installed: 1975-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 120490 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 120490
Tank Type: SINGLE WALL
Additional Id: 3

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Capacity Gallons: 1000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1993-04-13 00:00:00
Year Installed: 1975-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 120490 T004
Last Update: 2012-11-02 14:17:38
Permit Number: 120490
Tank Type: SINGLE WALL
Additional Id: 4
Capacity Gallons: 500
UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED
Remove Close Date: 1993-04-13 00:00:00
Year Installed: 1975-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: Not reported
Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR
WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

SWEEPS UST:

Status: Active
Comp Number: 20490
Number: 9
Board Of Equalization: 44-023208
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020490-000001
Tank Status: A
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 20490
Number: 9
Board Of Equalization: 44-023208
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020490-000002

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Tank Status: A
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 20490
Number: 9
Board Of Equalization: 44-023208
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020490-000003
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: Not reported

Status: Active
Comp Number: 20490
Number: 9
Board Of Equalization: 44-023208
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020490-000004
Tank Status: A
Capacity: 500
Active Date: Not reported
Tank Use: PETROLEUM
STG: P
Content: Not reported
Number Of Tanks: Not reported

ENF:

Region: 9
Facility Id: 232267
Agency Name: Not reported
Place Type: Utility
Place Subtype: MS4
Facility Type: All other facilities
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 32.588727
Place Longitude: -117.111812
SIC Code 1: 9511
SIC Desc 1: Air and Water Resource and Solid Waste Management
SIC Code 2: Not reported
SIC Desc 2: Not reported

Map ID
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MAP FINDINGS

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Database(s)

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EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESSW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	242064
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/27/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/27/2003

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL R9-2001-0001 CoPerm Imperial Beach (Annual Report JURMP)
Description:	Letter documenting comments on the City's Annual Report for the JURMP.
Program:	MNSTW1
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	9
Facility Id:	232267
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	MS4
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	32.588727
Place Longitude:	-117.111812
SIC Code 1:	9511
SIC Desc 1:	Air and Water Resource and Solid Waste Management
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESSW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	251335
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/20/2004
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/20/2004
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL R9-2001-0001 CoPerm Imperial Beach (Violations JURMP AnnIRpt)
Description:	Letter issued for violations in JURMP Annual Report. Report due June 1, 2004.
Program:	MNSTW1
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	9
Facility Id:	232267
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	MS4
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	32.588727

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Place Longitude:	-117.111812
SIC Code 1:	9511
SIC Desc 1:	Air and Water Resource and Solid Waste Management
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESSW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	251152
Region:	9
Order / Resolution Number:	UNKNOWN

Map ID
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Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	01/13/2004
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/13/2004
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL R9-2001-0001 CoPerm Imperial Beach (Lack of BMPs Sidewalk Const)
Description:	Inspection Report issued for lack of BMPs or stabilization after construction of sidewalks.
Program:	MNSTW1
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	9
Facility Id:	232267
Agency Name:	Imperial Beach City
Place Type:	Utility
Place Subtype:	MS4
Facility Type:	All other facilities
Agency Type:	City Agency
# Of Agencies:	1
Place Latitude:	32.588727
Place Longitude:	-117.111812
SIC Code 1:	9511
SIC Desc 1:	Air and Water Resource and Solid Waste Management
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	MNSTW1
Program Category1:	NPDESSW
Program Category2:	NPDESSW

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

# Of Programs:	1
WDID:	Not reported
Reg Measure Id:	403382
Reg Measure Type:	Co-Permittee
Region:	9
Order #:	R9-2001-0001
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	01/13/2016
Effective Date:	02/21/2001
Expiration/Review Date:	Not reported
Termination Date:	01/23/2007
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	251700
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	06/08/2004
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	13267 Letter R9-2001-0001 CoPerm Imperial Beach (Info to Correct Program Discrepancies)
Description:	13267 requesting information ensuring all program discrepancies identified during audit have been corrected.
Program:	MNSTW1
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	9
Facility Id:	232267
Agency Name:	Not reported

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Place Type:	Utility
Place Subtype:	MS4
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	32.588727
Place Longitude:	-117.111812
SIC Code 1:	9511
SIC Desc 1:	Air and Water Resource and Solid Waste Management
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESSW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported

Map ID
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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	249986
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	09/25/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/25/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV R9-2001-0001 CoPerm Imperial Beach (JURMP Annual Rpt Violations)
Description:	An NOV was sent for JURMP annual report violations: 1. Missing construction site prioritization, and 2. No industrial monitoring.
Program:	MNSTW1
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	9
Facility Id:	232267
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	MS4
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	32.588727
Place Longitude:	-117.111812
SIC Code 1:	9511
SIC Desc 1:	Air and Water Resource and Solid Waste Management
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESSW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	248933
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	07/18/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/09/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	13267 Letter R9-2001-0001 CoPerm Imperial Beach (Reqst Resp Inadequate JURMP)
Description:	13267 Letter sent to formally request response on inadequate JURMP. Letter required a workplan by August 9, 2002 and monthly reports until all comments were addressed.
Program:	MNSTW1
Latest Milestone Completion Date:	2002-09-05
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	9
Facility Id:	232267
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	MS4
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	32.588727
Place Longitude:	-117.111812
SIC Code 1:	9511
SIC Desc 1:	Air and Water Resource and Solid Waste Management
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESSW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported

Map ID
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MAP FINDINGS

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	248931
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/19/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/19/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL R9-2001-0001 CoPerm Imperial Beach (Inadequate JURMP)
Description:	Letter sent to comment on inadequate JURMP.
Program:	MNSTW1
Latest Milestone Completion Date:	2002-07-10
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	9
Facility Id:	232267
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	MS4
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	32.588727
Place Longitude:	-117.111812
SIC Code 1:	9511
SIC Desc 1:	Air and Water Resource and Solid Waste Management
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported

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MAP FINDINGS

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Database(s)

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESSW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	248930
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	05/06/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/06/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement Oral Communication R9-2001-0001 CoPerm Imperial Beach (Inadequate JURMP)
Description:	Regional Board staff Kristin Schwall and Stacey Baczkowski met with Mike Mathias and Hank Levien of your staff and JoAnne Weber of AMEC to discuss the inadequate JURMP on May

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

6, 2002.
Program: MNSTW1
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: \$0.00
Initial Assessed Amount: \$0.00
Liability \$ Amount: \$0.00
Project \$ Amount: \$0.00
Liability \$ Paid: \$0.00
Project \$ Completed: \$0.00
Total \$ Paid/Completed Amount: \$0.00

Region: 9
Facility Id: 232267
Agency Name: Not reported
Place Type: Utility
Place Subtype: MS4
Facility Type: All other facilities
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 32.588727
Place Longitude: -117.111812
SIC Code 1: 9511
SIC Desc 1: Air and Water Resource and Solid Waste Management
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: Not reported
Program Category1: Not reported
Program Category2: NPDESSW
Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: Not reported
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported

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MAP FINDINGS

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 EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	248385
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice to Comply
Effective Date:	09/03/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/03/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Notice to Comply R9-2001-0001 CoPerm Imperial Beach (9/03/2002)
Description:	Notice to Comply issued 9-3-02
Program:	MNSTW1
Latest Milestone Completion Date:	2002-10-01
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	9
Facility Id:	232267
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	MS4
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	32.588727
Place Longitude:	-117.111812
SIC Code 1:	9511
SIC Desc 1:	Air and Water Resource and Solid Waste Management
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESSW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	247985
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	09/25/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/25/2002
ACL Issuance Date:	Not reported

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EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement Oral Comm R9-2001-0001 CoPerm Imperial Beach (SD Bay WShed URMP)
Description:	Phone Call on 9/25/02 to Mike Mathias of the City of Imperial Beach about his City's collaboration on the San Diego Bay Watershed URMP.
Program:	MNSTW1
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	9
Facility Id:	232267
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	MS4
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	32.588727
Place Longitude:	-117.111812
SIC Code 1:	9511
SIC Desc 1:	Air and Water Resource and Solid Waste Management
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESSW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	245396
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	01/23/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/23/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL R9-2001-0001 CoPerm Imperial Beach (SUSMP Violations)
Description:	SUSMP violations
Program:	MNSTW1
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

HIST CORTESE:

Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT2439

NPDES:

Npdes Number:	Not reported
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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Facility Status:	Not reported
Agency Id:	Not reported
Region:	9
Regulatory Measure Id:	440262
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	9 37C367408
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	02/14/2014
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	08/07/2013
PROCESSED DATE:	08/13/2013
STATUS CODE NAME:	Terminated
STATUS DATE:	02/14/2014
PLACE SIZE:	1.95
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Peter Lau
FACILITY CONTACT TITLE:	Public Works Superintendent
FACILITY CONTACT PHONE:	619-628-1371
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	plau@imperialbeachca.gov
OPERATOR NAME:	City of Imperial Beach
OPERATOR ADDRESS:	825 Imperial Beach Blvd
OPERATOR CITY:	Imperial Beach
OPERATOR STATE:	California
OPERATOR ZIP:	91932
OPERATOR CONTACT NAME:	Henry Levien
OPERATOR CONTACT TITLE:	Public Works Director
OPERATOR CONTACT PHONE:	619-628-1369
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	hlevien@imperialbeachca.gov
OPERATOR TYPE:	City/Town Agency
DEVELOPER NAME:	City of Imperial Beach
DEVELOPER ADDRESS:	825 Imperial Beach Blvd
DEVELOPER CITY:	Imperial Beach
DEVELOPER STATE:	California
DEVELOPER ZIP:	91932
DEVELOPER CONTACT NAME:	Hank Levien
DEVELOPER CONTACT TITLE:	Public Works Director
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	N
CONSTYPE BELOW GROUND IND:	N
CONSTYPE CABLE LINE IND:	N
CONSTYPE COMM LINE IND:	N
CONSTYPE COMMERTIAL IND:	Y
CONSTYPE ELECTRICAL LINE IND:	N
CONSTYPE GAS LINE IND:	N

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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

CONSTYPE INDUSTRIAL IND: N
CONSTYPE OTHER DESCRIPTION: Recreational
CONSTYPE OTHER IND: Y
CONSTYPE RECONS IND: N
CONSTYPE RESIDENTIAL IND: N
CONSTYPE TRANSPORT IND: N
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: N
CONSTYPE WATER SEWER IND: N
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: San Diego Bay Shoreline, at Bayside Park
CERTIFIER NAME: Henry Levien
CERTIFIER TITLE: Director Public Works
CERTIFICATION DATE: 07-AUG-13
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

CIWQS:

Agency: San Diego City Transp & Stormwater Dept (Storm Water Division) Public Works
Agency Address: 9370 Chesapeake Drive 100, San Diego, CA 92025
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: San Diego Cnty Dept of Environmental Health
Agency Address: 5500 Overland Avenue 170, San Diego, CA 92123
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001

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EDR ID Number
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CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: San Diego County Dept of Public Works
Agency Address: 5510 Overland Avenue 210/O350, San Diego, CA 92123
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: Coronado City
Agency Address: 1300 First Street, Coronado, CA 92118-1598
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Map ID
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Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Agency: Lemon Grove City
Agency Address: 3232 Main Street, Lemon Grove, CA 91945
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: Encinitas City
Agency Address: 505 South Vulcan Avenue, Encinitas, CA 92024
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: El Cajon City
Agency Address: 1050 Vernon Way, El Cajon, CA 92020
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042

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Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: Vista City
Agency Address: 200 Civic Center Drive, Vista, CA 92084
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: Poway City
Agency Address: 13325 Civic Center Drive, Poway, CA 92064-0789
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: Del Mar City
Agency Address: 1050 Camino Del Mar, Del Mar, CA 92014
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: San Diego Unified Port District
Agency Address: 3165 Pacific Highway, San Diego, CA 92101-1128
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: Imperial Beach City
Agency Address: 825 Imperial Beach Boulevard, Imperial Beach, CA 91932
Place/Project Type: MS4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: Co-Permittee
Order Number: R9-2007-0001
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 01/24/2007
Effective Date: 01/24/2007
Termination Date: 06/26/2013
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Major
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: National City
Agency Address: 1243 National City Avenue, National City, CA 91950
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: Escondido City
Agency Address: 201 North Broadway, Escondido, CA 92025
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: Carlsbad City
Agency Address: 1635 Faraday Avenue, Carlsbad, CA 92008-7314
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: La Mesa City
Agency Address: Po Box 937, La Mesa, CA 91944-0937
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Latitude: 32.588727
Longitude: -117.111812

Agency: Chula Vista City
Agency Address: 276 4th Avenue, Chula Vista, CA 91910-2699
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: City of Imperial Beach
Agency Address: 825 Imperial Beach Blvd, Imperial Beach, CA 91932
Place/Project Type: Construction - Commercial, Other: Recreational
SIC/NAICS: Not reported
Region: 9
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 9 37C367408
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 08/13/2013
Termination Date: 02/14/2014
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 32.58929
Longitude: -117.11177

Agency: Oceanside City
Agency Address: 300 North Coast Highway, Oceanside, CA 92054
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

Agency: San Marcos City
Agency Address: 1 Civic Center Drive, San Marcos, CA 92069
Place/Project Type: MS4
SIC/NAICS: 9511
Region: 9
Program: MNSTW1
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: R9-1990-0042
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 07/16/1990
Effective Date: 07/16/1990
Termination Date: 02/20/2001
Expiration/Review Date: 07/16/1995
Design Flow: 0
Major/Minor: Major
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 32.588727
Longitude: -117.111812

SAN DIEGO CO LOP:

Record ID: DEH1993-LSAM-H20490-001
Record Status: Completed
Opened Date: 01/27/1993
Parcel Number: 626-060-05-00
Case Type: Not reported
Historical Name: CITY OF IMPERIAL BEACH
SWRCB Global ID: T0608192615
Funding: N - Non-Billable
Lead Agency: DEH/SAM
Lead Agency Date: 01/28/1993
Census Tract: 105.02
Community: Imperial Beach
Jurisdiction: IMPERIAL BEACH
Watershed Basin Number: 910.2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF I B PUBLIC WORKS YARD (Continued)

S101301693

Water Purveyor: IMPERIAL BEACH
Fire Agency: IMPERIAL BEACH
Thomas Bros Map Page Grid: 1329 H 6
Latitude: 32.5892449
Longitude: -117.1110914
X MapCoord: 6296402.041
Y MapCoord: 1795272.016

Record ID: DEH1993-LSAM-H20490-002
Record Status: Completed
Opened Date: 04/13/1993
Parcel Number: 626-060-05-00
Case Type: LOP - Local Oversight Program
Historical Name: CITY OF IMPERIAL BEACH
SWRCB Global ID: T0607301197
Funding: F - LOP Federal Fund
Lead Agency: DEH/SAM
Lead Agency Date: 05/24/1993
Census Tract: 105.02
Community: Imperial Beach
Jurisdiction: IMPERIAL BEACH
Watershed Basin Number: 910.2
Water Purveyor: IMPERIAL BEACH
Fire Agency: IMPERIAL BEACH
Thomas Bros Map Page Grid: 1329 H 6
Latitude: 32.5892449
Longitude: -117.1110914
X MapCoord: 6296402.041
Y MapCoord: 1795272.016

E23
ESE
1/4-1/2
0.487 mi.
2569 ft.

UNOCAL SERV STATION #5234
1085 PALM AVE
IMPERIAL BEACH, CA 91932

LUST S100470250
SWEEPS UST N/A

Site 1 of 2 in cluster E

Relative:
Higher
Actual:
25 ft.

LUST REG 9:
Region: 9
Status: Case Closed
Case Number: 9UT1605
Local Case: H12196-001
Substance: Waste Oil
Qty Leaked: Not reported
Abate Method: EDET
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Close Tank
Source: Tank
Cause: Corrosion
Lead Agency: Local Agency
Case Type: Soil only
Date Found: 07/25/1989
Date Stopped: 07/25/1989
Confirm Date: 12/22/1989
Submit Workplan: Not reported
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL SERV STATION #5234 (Continued)

S100470250

Remed Action: 12/22/89
Began Monitor: Not reported
Release Date: 12/22/1989
Enforce Date: Not reported
Closed Date: 6/15/95
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 910.20
GW Depth: 21'
Beneficial Use: MUNBU
NPDES Number: Not reported
Priority: 1C
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SWEEPS UST:

Status: Not reported
Comp Number: 12196
Number: Not reported
Board Of Equalization: 44-000051
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-012196-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 12196
Number: Not reported
Board Of Equalization: 44-000051
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-012196-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 12196
Number: Not reported
Board Of Equalization: 44-000051
Referral Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL SERV STATION #5234 (Continued)

S100470250

Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-012196-000003
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 12196
Number: Not reported
Board Of Equalization: 44-000051
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-012196-000004
Tank Status: Not reported
Capacity: 280
Active Date: Not reported
Tank Use: PETROLEUM
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 12196
Number: 9
Board Of Equalization: 44-000051
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-012196-000005
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 12196
Number: 9
Board Of Equalization: 44-000051
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-012196-000006
Tank Status: A
Capacity: 12000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL SERV STATION #5234 (Continued)

S100470250

Active Date: Not reported
 Tank Use: M.V. FUEL
 STG: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: Active
 Comp Number: 12196
 Number: 9
 Board Of Equalization: 44-000051
 Referral Date: Not reported
 Action Date: 06-26-92
 Created Date: 02-29-88
 Owner Tank Id: Not reported
 SWRCB Tank Id: 37-000-012196-000007
 Tank Status: A
 Capacity: 10000
 Active Date: Not reported
 Tank Use: M.V. FUEL
 STG: P
 Content: OTHER
 Number Of Tanks: Not reported

Status: Active
 Comp Number: 12196
 Number: 9
 Board Of Equalization: 44-000051
 Referral Date: Not reported
 Action Date: 06-26-92
 Created Date: 02-29-88
 Owner Tank Id: Not reported
 SWRCB Tank Id: 37-000-012196-000008
 Tank Status: A
 Capacity: 500
 Active Date: Not reported
 Tank Use: PETROLEUM
 STG: W
 Content: Not reported
 Number Of Tanks: Not reported

E24
ESE
1/4-1/2
0.487 mi.
2569 ft.

TOSCO SVC STATION #5234-30829
1085 PALM AV
IMPERIAL BEACH, CA 91932
Site 2 of 2 in cluster E

LUST **S104747223**
SAN DIEGO CO. SAM **N/A**
San Diego Co. HMMD
HIST UST
HIST CORTESE
SAN DIEGO CO LOP

Relative:
Higher
Actual:
25 ft.

LUST:
 Lead Agency: SAN DIEGO COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T06019773924
 Global Id: T06019773924
 Latitude: 32.583582
 Longitude: -117.110955
 Status: Completed - Case Closed
 Status Date: 12/17/2014
 Case Worker: JC
 RB Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Local Agency: SAN DIEGO COUNTY LOP
File Location: Local Agency
Local Case Number: H12196-002
Potential Media Affect: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: Gasoline
Site History: Comments: The Site is located on the southwestern corner of the intersection of Palm Avenue and 11th Street in Imperial Beach, CA. The Site is a former gasoline station which included four underground storage tanks (USTs): two 12,000-gallon regular unleaded gasoline USTs, one 10,000-gallon diesel UST, and one 500-gallon waste oil UST. Other previous features of the Site included eight fuel dispensers located at two islands. Currently, the Site is an auto repair and truck rental facility. On November 4, 2003, the product piping, dispensers and four USTs were removed from the Site. One 10,000-gallon diesel UST, two 12,000-gallon unleaded gasoline USTs, and one 280-gallon waste oil UST were removed. Free product was observed in the tank excavation upon removal of the USTs. Approximately 250 tons of potentially hydrocarbon-impacted soil was excavated and disposed during demolition activities. Based on these results, SAM opened Unauthorized Release Case H12196-002. In July 2007, a vapor risk assessment was conducted to evaluate potential health risk posed by benzene and naphthalene vapor migration to the surface from impacted soil and groundwater at the Site. A total of four vapor probes were installed (two near the station building and two on the western portion of the Site) to assess potential risk to occupants of the station building and an adjacent building. Vapor risk was evaluated using the SAM Vapor Risk 2000 Model. Based on the results of the assessment, it was concluded that the vapor risk was below the SAM threshold of 1×10^{-6} and that no further assessment of vapor risk was warranted. In September 2008, a 72-hour dual-phase extraction (DPE) feasibility test was conducted to evaluate the technical feasibility of DPE as a method of soil and groundwater remediation at the Site. During the DPE event, approximately 924 pounds of vapor-phase hydrocarbons were extracted from the soil and approximately 6,500 gallons of groundwater were extracted. The total residual petroleum hydrocarbon mass in soil (<100 mg/kg TPHg) is estimated to be approximately 1,204 pounds in the areas of the dispensers/piping and USTs. Fifteen groundwater monitoring wells and three remedial wells have been installed at the Site. Groundwater was monitored between February 2005 and May 2013. Historically, free product has been detected in MW-3. Free product removal was conducted in 2008 during the DPE feasibility test and was removed on a quarterly basis using a bailer between May 2005 and April 2012. Free product thickness ranged from 0.01 to 0.03 feet from April 2010 to April 2012 and no free product was detected during the Third Quarter 2012 groundwater sampling event. Free product has been removed to the maximum extent practicable. Hydrocarbon-impacted groundwater at the Site appears to be consistent with a release from the former dispensers, piping, and USTs. On-site dissolved phase petroleum hydrocarbon concentrations are stable to declining over time. A Corrective Action Plan (CAP) and CAP Addendum were submitted on December 15, 2011 and October 1, 2013, respectively, requesting case closure. The CAP Addendum concluded that no active remediation is required to mitigate remaining hydrocarbon impacts beneath the Site. It was proposed that groundwater data be collected during the subsequent four semi-annual monitoring and sampling events to determine groundwater contaminant trends and distribution. The public

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

participation process for the above-referenced CAP and CAP Addendum was completed. DEH received no public comments and concurred with the CAP and CAP Addendum. According to the environmental consultants registered professional, the Site presents no significant risk to human health and the environment. DEH concurs with this conclusion

LUST:

Global Id: T06019773924
Contact Type: Local Agency Caseworker
Contact Name: JAMES CLAY
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: james.clay@sdcounty.ca.gov
Phone Number: Not reported

LUST:

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 06/29/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 10/01/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: RESPONSE
Date: 12/16/2011
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T06019773924
Action Type: RESPONSE
Date: 03/19/2012
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T06019773924
Action Type: RESPONSE
Date: 05/09/2012
Action: Public Participation Plan - Regulator Responded

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 04/17/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: RESPONSE
Date: 01/30/2014
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 02/22/2011
Action: Technical Correspondence / Assistance / Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 07/15/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 12/28/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: Other
Date: 11/05/2003
Action: Leak Began

Global Id: T06019773924
Action Type: RESPONSE
Date: 10/30/2012
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: RESPONSE
Date: 01/30/2013
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: Other
Date: 01/23/2004
Action: Leak Stopped

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 01/06/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: RESPONSE
Date: 01/23/2009
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: RESPONSE
Date: 10/30/2013
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: RESPONSE
Date: 11/12/2013
Action: Other Report / Document

Global Id: T06019773924
Action Type: RESPONSE
Date: 08/17/2009
Action: Correspondence

Global Id: T06019773924
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Date: 04/30/2012
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: RESPONSE
Date: 01/26/2009
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: RESPONSE
Date: 12/21/2009
Action: Site Assessment Report

Global Id: T06019773924
Action Type: RESPONSE
Date: 04/27/2009
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: RESPONSE
Date: 10/22/2009
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 04/13/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: Other
Date: 01/22/2004
Action: Leak Reported

Global Id: T06019773924
Action Type: RESPONSE
Date: 10/03/2013
Action: Request for Closure - Regulator Responded

Global Id: T06019773924
Action Type: RESPONSE
Date: 04/29/2010
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 05/10/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 03/06/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: RESPONSE
Date: 05/19/2011
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 07/25/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: RESPONSE
Date: 07/30/2012
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: RESPONSE
Date: 07/30/2013
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: RESPONSE
Date: 12/08/2010
Action: Site Assessment Report - Regulator Responded

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 11/15/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 03/30/2004
Action: Notice of Responsibility

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 07/06/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 06/26/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: Other
Date: 11/05/2003
Action: Leak Discovery

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 01/05/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Date: 04/20/2011
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 12/17/2014
Action: Closure/No Further Action Letter

Global Id: T06019773924
Action Type: RESPONSE
Date: 07/14/2010
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 05/16/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: RESPONSE
Date: 10/11/2010
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 12/03/2013
Action: Notification - Preclosure

Global Id: T06019773924
Action Type: RESPONSE
Date: 01/18/2011
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: RESPONSE
Date: 02/01/2012
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: ENFORCEMENT
Date: 09/03/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T06019773924
Action Type: RESPONSE
Date: 07/22/2009
Action: Monitoring Report - Quarterly

Global Id: T06019773924
Action Type: RESPONSE
Date: 02/18/2010
Action: Soil and Water Investigation Workplan

LUST:

Global Id: T06019773924
Status: Open - Case Begin Date
Status Date: 11/05/2003

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Global Id: T06019773924
Status: Open - Eligible for Closure
Status Date: 09/07/2004

Global Id: T06019773924
Status: Open - Remediation
Status Date: 09/07/2004

Global Id: T06019773924
Status: Open - Site Assessment
Status Date: 11/20/2013

Global Id: T06019773924
Status: Completed - Case Closed
Status Date: 12/17/2014

Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607300426
Global Id: T0607300426
Latitude: 32.583564
Longitude: -117.110956
Status: Completed - Case Closed
Status Date: 06/29/1995
Case Worker: Not reported
RB Case Number: 9UT1605
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H12196-001
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Global Id: T0607300426
Action Type: Other
Date: 07/25/1989
Action: Leak Began

Global Id: T0607300426
Action Type: Other
Date: 07/25/1989
Action: Leak Discovery

Global Id: T0607300426
Action Type: ENFORCEMENT
Date: 12/27/1989
Action: Notice of Responsibility

Global Id: T0607300426
Action Type: Other
Date: 07/25/1989
Action: Leak Stopped

Global Id: T0607300426
Action Type: Other
Date: 12/07/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Action: Leak Reported

LUST:

Global Id: T0607300426
Status: Open - Case Begin Date
Status Date: 07/25/1989

Global Id: T0607300426
Status: Completed - Case Closed
Status Date: 06/29/1995

SAN DIEGO CO. SAM:

Case Number: H12196-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
Facility Type: Soils Only
Facility Status: Closed Case
Date: 6/29/1995
Date Began: 7/25/1989

Case Number: H12196-002
Agency: DEH Site Assessment & Mitigation
Funding: LOP - State Fund
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Remedial Investigation
Date: 1/23/2004
Date Began: 11/5/2003

HMMD SAN DIEGO:

Permit Number: 213077
Business Type: 6HK26
EPA Id Number: CAL000003080
APN: 626-222-24-00
Last HMMD Inspection: 07/19/2012
Facility Telephone: 619-424-8880
Permit Status: EXPR
Permit Expiration: 04/30/2012
Date Last Updated: 11/02/2012
Facility Owner: GOYCO, INC
Facility Mailing Address: 1085 PALM AVE
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 203302
Business Type: 6HK26
EPA Id Number: CAL000003880
APN: 626-222-24-00
Last HMMD Inspection: 11/17/2010
Facility Telephone: 619-424-8880
Permit Status: INAC
Permit Expiration: 08/31/2009
Date Last Updated: 11/02/2012
Facility Owner: GENE GOYCOCHEA
Facility Mailing Address: 1085 PALM AVE
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:

Permit Number: 203302
Update Date: 11/02/2012
Inspection Date: 03/26/2004
Violation Code: 6HV1004
Violation: HMBP NOT SUBMITTED TO HMD
Violation Citation: Hazardous Materials Handler has not submitted a completed Business Plan to the HMMD. HSC 25505(a)
Activity: Inactive Permit

Permit Number: 203302

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Update Date: 11/02/2012
Inspection Date: 03/26/2004
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: Inactive Permit

Permit Number: 203302
Update Date: 11/02/2012
Inspection Date: 09/07/2005
Violation Code: 6HV0406
Violation: CONT PLAN NOT PREPARED/ONSITE
Violation Citation: Owner/Operator has not prepared an Emergency Contingency Plan, or maintained a copy on site, or submitted a copy to the HMMD. CCR 66265.51(a), 66265.53(a)&(b)
Activity: Inactive Permit

Permit Number: 203302
Update Date: 11/02/2012
Inspection Date: 10/07/2008
Violation Code: 6HV0148
Violation: WASTE ANALYSIS RECORDS NOT AVAILABLE.
Violation Citation: Failed to keep copies of analytical results, waste analysis records, or waste determination results. (3 years) 66262.40(c)
Activity: Inactive Permit

Permit Number: 203302
Update Date: 11/02/2012
Inspection Date: 10/07/2008
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity: Inactive Permit

Permit Number: 203302
Update Date: 11/02/2012
Inspection Date: 11/17/2010
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: Inactive Permit

Permit Number: 213077
Business Type: 6HK26
EPA Id Number: CAL000003080
APN: 626-222-24-00
Last HMMD Inspection: 07/19/2012
Facility Telephone: 619-424-8880
Permit Status: EXPR
Permit Expiration: 04/30/2012
Date Last Updated: 11/02/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Facility Owner: GOYCO, INC
Facility Mailing Address: 1085 PALM AVE
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213077
Business Type: 6HK26
EPA Id Number: CAL000003080
APN: 626-222-24-00
Last HMMD Inspection: 07/19/2012
Facility Telephone: 619-424-8880
Permit Status: EXPR
Permit Expiration: 04/30/2012
Date Last Updated: 11/02/2012
Facility Owner: GOYCO, INC
Facility Mailing Address: 1085 PALM AVE
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932
UST Owner: Not reported
Handle Regulated Hazmat: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213077
Business Type: 6HK26
EPA Id Number: CAL000003080
APN: 626-222-24-00
Last HMMD Inspection: 07/19/2012
Facility Telephone: 619-424-8880
Permit Status: EXPR
Permit Expiration: 04/30/2012
Date Last Updated: 11/02/2012
Facility Owner: GOYCO, INC
Facility Mailing Address: 1085 PALM AVE
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213077
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 112196
Business Type: 6HK29
EPA Id Number: CAL000003080
APN: 626-222-24-00
Last HMMD Inspection: 06/06/2003
Facility Telephone: 619-424-8880
Permit Status: CHNG
Permit Expiration: 06/30/2004
Date Last Updated: 11/02/2012
Facility Owner: CONOCOPHILLIPS
Facility Mailing Address: P O BOX 52085
Facility Mailing City: PHOENIX
Facility Mailing State: AZ
Facility Mailing Zip: 85072-2085
UST Owner: UNION OIL CO OF CA
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 112196 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 112196
Tank Type: SINGLE WALL
Additional Id: 5234-22
Capacity Gallons: 10000
UST Contents: PREMIUM UNLEADED

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Other Content Info: PREMIUM UNLEADED
Reg Status: REMOVED
Remove Close Date: 1986-11-08 00:00:00
Year Installed: 1964-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 112196 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 112196
Tank Type: SINGLE WALL
Additional Id: 5234-11
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1986-11-08 00:00:00
Year Installed: 1964-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 112196 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 112196
Tank Type: SINGLE WALL
Additional Id: 5234-33
Capacity Gallons: 6000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1986-11-08 00:00:00
Year Installed: 1964-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 112196 T004
Last Update: 2012-11-02 14:17:38
Permit Number: 112196
Tank Type: SINGLE WALL
Additional Id: 5234-44
Capacity Gallons: 280
UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED
Remove Close Date: 1986-11-08 00:00:00
Year Installed: 1964-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported

Map ID
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Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 112196 T005
Last Update: 2012-11-02 14:17:38
Permit Number: 112196
Tank Type: DOUBLE WALL
Additional Id: 5/AT4846
Capacity Gallons: 12000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 2003-11-04 00:00:00
Year Installed: 1989-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 20
UST Monitor Method: DW TANK DW PRESSURE PIPE W/ SHUT OFF AND ALARM ON LINE LEAK DETECTOR: INTERSTITIAL.

UST Name: UNDERGROUND TANK 112196 T006
Last Update: 2012-11-02 14:17:38
Permit Number: 112196
Tank Type: DOUBLE WALL
Additional Id: 6/AT4846
Capacity Gallons: 12000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 2003-11-04 00:00:00
Year Installed: 1989-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 20
UST Monitor Method: DW TANK DW PRESSURE PIPE W/ SHUT OFF AND ALARM ON LINE LEAK DETECTOR: INTERSTITIAL.

UST Name: UNDERGROUND TANK 112196 T007
Last Update: 2012-11-02 14:17:38
Permit Number: 112196
Tank Type: DOUBLE WALL
Additional Id: 7/AT4846
Capacity Gallons: 10000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 2003-11-04 00:00:00
Year Installed: 1989-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 20
UST Monitor Method: DW TANK DW PRESSURE PIPE W/ SHUT OFF AND ALARM ON LINE LEAK DETECTOR: INTERSTITIAL.

UST Name: UNDERGROUND TANK 112196 T008
Last Update: 2012-11-02 14:17:38

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Permit Number: 112196
Tank Type: DOUBLE WALL
Additional Id: 8/AT4846
Capacity Gallons: 500
UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED
Remove Close Date: 2003-11-04 00:00:00
Year Installed: 1989-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: SUCTION
Monitor Code: 21
UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL MONITORS: INTERSTITIAL.

Permit Number: 203302
Business Type: 6HK26
EPA Id Number: CAL000003880
APN: 626-222-24-00
Last HMMMD Inspection: 11/17/2010
Facility Telephone: 619-424-8880
Permit Status: INAC
Permit Expiration: 08/31/2009
Date Last Updated: 11/02/2012
Facility Owner: GENE GOYCOCHEA
Facility Mailing Address: 1085 PALM AVE
Facility Mailing City: IMPERIAL BEACH
Facility Mailing State: CA
Facility Mailing Zip: 91932
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:

Permit Number: 203302
Update Date: 11/02/2012
Inspection Date: 03/26/2004
Violation Code: 6HV1004
Violation: HMBP NOT SUBMITTED TO HMD
Violation Citation: Hazardous Materials Handler has not submitted a completed Business Plan to the HMMMD. HSC 25505(a)
Activity: Inactive Permit

Permit Number: 203302
Update Date: 11/02/2012
Inspection Date: 03/26/2004
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: Inactive Permit

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Permit Number: 203302
Update Date: 11/02/2012
Inspection Date: 09/07/2005
Violation Code: 6HV0406
Violation: CONT PLAN NOT PREPARED/ONSITE
Violation Citation: Owner/Operator has not prepared an Emergency Contingency Plan, or maintained a copy on site, or submitted a copy to the HMMD. CCR 66265.51(a), 66265.53(a)&(b)
Activity: Inactive Permit

Permit Number: 203302
Update Date: 11/02/2012
Inspection Date: 10/07/2008
Violation Code: 6HV0148
Violation: WASTE ANALYSIS RECORDS NOT AVAILABLE.
Violation Citation: Failed to keep copies of analytical results, waste analysis records, or waste determination results. (3 years) 66262.40(c)
Activity: Inactive Permit

Permit Number: 203302
Update Date: 11/02/2012
Inspection Date: 10/07/2008
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity: Inactive Permit

Permit Number: 203302
Update Date: 11/02/2012
Inspection Date: 11/17/2010
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: Inactive Permit

HIST UST:

File Number: 0002F4AF
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F4AF.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

HIST CORTESE:

Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT1605

SAN DIEGO CO LOP:

Record ID: DEH2004-LSAM-H12196-002
Record Status: Completed
Opened Date: 01/22/2004
Parcel Number: 626-291-14-00
Case Type: LOP - Local Oversight Program
Historical Name: UNOCAL
SWRCB Global ID: T06019773924
Funding: S - LOP State Fund
Lead Agency: DEH/SAM
Lead Agency Date: 01/23/2004
Census Tract: 105.02
Community: Imperial Beach
Jurisdiction: IMPERIAL BEACH
Watershed Basin Number: 910.2
Water Purveyor: IMPERIAL BEACH
Fire Agency: IMPERIAL BEACH
Thomas Bros Map Page Grid: 1329 H 7
Latitude: 32.5835648
Longitude: -117.1109575
X MapCoord: 6296453.396
Y MapCoord: 1793209.556

Record ID: DEH1989-LSAM-H12196-001
Record Status: Completed
Opened Date: 12/07/1989
Parcel Number: 626-291-14-00
Case Type: LOP - Local Oversight Program
Historical Name: UNION #5234
SWRCB Global ID: T0607300426
Funding: F - LOP Federal Fund
Lead Agency: DEH/SAM
Lead Agency Date: 07/25/1989
Census Tract: 105.02
Community: Imperial Beach
Jurisdiction: IMPERIAL BEACH
Watershed Basin Number: 910.2
Water Purveyor: IMPERIAL BEACH
Fire Agency: IMPERIAL BEACH
Thomas Bros Map Page Grid: 1329 H 7
Latitude: 32.5835648
Longitude: -117.1109575
X MapCoord: 6296453.396

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO SVC STATION #5234-30829 (Continued)

S104747223

Y MapCoord: 1793209.556

25
WNW
1/2-1
0.634 mi.
3346 ft.

NAVAL RADIO COMPASS STATION
CORONADO HEIGHTS, CA

ENVIROSTOR **S107736850**
N/A

Relative:
Lower
Actual:
12 ft.

ENVIROSTOR:
Facility ID: 80000936
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 78
Senate: 39
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 32.58888
Longitude: -117.1291
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799FA08300
Alias Type: Federal Facility ID
Alias Name: T0607301207
Alias Type: GeoTracker Global ID
Alias Name: T0607301208
Alias Type: GeoTracker Global ID
Alias Name: T0607301209
Alias Type: GeoTracker Global ID
Alias Name: T0607301212
Alias Type: GeoTracker Global ID
Alias Name: T0607301213
Alias Type: GeoTracker Global ID
Alias Name: T0607301214
Alias Type: GeoTracker Global ID
Alias Name: T0607301343
Alias Type: GeoTracker Global ID
Alias Name: T0607301344
Alias Type: GeoTracker Global ID
Alias Name: T0607301345
Alias Type: GeoTracker Global ID
Alias Name: T0607301346
Alias Type: GeoTracker Global ID
Alias Name: T0607301347

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NAVAL RADIO COMPASS STATION (Continued)

S107736850

Alias Type:	GeoTracker Global ID
Alias Name:	T0607301348
Alias Type:	GeoTracker Global ID
Alias Name:	T0607301351
Alias Type:	GeoTracker Global ID
Alias Name:	T0607301352
Alias Type:	GeoTracker Global ID
Alias Name:	T0607301353
Alias Type:	GeoTracker Global ID
Alias Name:	T0607301388
Alias Type:	GeoTracker Global ID
Alias Name:	T0607302030
Alias Type:	GeoTracker Global ID
Alias Name:	T10000005051
Alias Type:	GeoTracker Global ID
Alias Name:	T10000005052
Alias Type:	GeoTracker Global ID
Alias Name:	J09CA7260
Alias Type:	INPR
Alias Name:	80000936
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Inventory Project Report (INPR)
Completed Date:	08/19/1998
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

26
 West
 1/2-1
 0.671 mi.
 3541 ft.

COAST GUARD STATION
CORONADO HEIGHTS, CA

ENVIROSTOR S107736145
N/A

Relative:
Lower
Actual:
12 ft.

ENVIROSTOR:	
Facility ID:	80000942
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COAST GUARD STATION (Continued)

S107736145

Division Branch: Cleanup Cypress
Assembly: 78
Senate: 39
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 32.58611
Longitude: -117.1305
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799FA08900
Alias Type: Federal Facility ID
Alias Name: J09CA7266
Alias Type: INPR
Alias Name: 80000942
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 04/29/1999
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

27
NNW
1/2-1
0.886 mi.
4680 ft.

**SAN DIEGO NAVAL COMPUTER AND TELECOMMUNICATIONS ST
100 STONE STREET
CORONADO, CA 91932**

**ENVIROSTOR S107737244
MCS N/A**

**Relative:
Lower
Actual:
12 ft.**

ENVIROSTOR:
Facility ID: 71000045
Status: Refer: RWQCB
Status Date: 11/17/2005
Site Code: 400513
Site Type: Military Evaluation
Site Type Detailed: Open Base
Acres: Not reported
NPL: NO
Regulatory Agencies: RWQCB 9 - San Diego
Lead Agency: RWQCB 9 - San Diego
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN DIEGO NAVAL COMPUTER AND TELECOMMUNICATIONS STATION (NCT (Continued))

S107737244

Assembly: 79
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: Not reported
Longitude: Not reported
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: DOD100371000
Alias Type: GeoTracker Global ID
Alias Name: T0607301211
Alias Type: GeoTracker Global ID
Alias Name: T10000001912
Alias Type: GeoTracker Global ID
Alias Name: 16596
Alias Type: RB-PCA
Alias Name: 400513
Alias Type: Project Code (Site Code)
Alias Name: 71000045
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

MCS:

Global Id: DOD100371000
Latitude: 32.59668
Longitude: -117.1264
Case Type: Military Cleanup Site
Status: Completed - Case Closed
Status Date: 03/13/2009
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Caseworker: CK
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
RB Case Number: 16596-10
LOC Case Number: 400513 -- 1
File Location: Regional Board
Potential Media Affect: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN DIEGO NAVAL COMPUTER AND TELECOMMUNICATIONS STATION (NCT (Continued))

S107737244

EDR Link ID: DOD100371000
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

28
East
1/2-1
0.958 mi.
5060 ft.

1381 PALM AVE (SOUTH BAY)
SAN DIEGO, CA 92154

Notify 65 **S100178153**
N/A

Relative:
Lower
Actual:
19 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

Count: 2 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
IMPERIAL BEACH	1015730583	IMPERIAL BEACH OUTLYING LANDING FI	OFF RT 75 & PALM AVE	91932	SEMS, CORRACTS, RCRA-TSDF, RCRA-LQG, 2020 COR ACTION
SAN DIEGO	S109821593	8TH AVENUE TIDELAND DUMP	50 8TH AVENUE		SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: N/A
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/16/2018
	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: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: N/A
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: N/A
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/06/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 05/18/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 05/18/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/08/2018
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

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: 02/16/2018	Source: Department of the Navy
Date Data Arrived at EDR: 02/22/2018	Telephone: 843-820-7326
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/09/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: Varies

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: 02/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	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: 02/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/19/2018

Date Data Arrived at EDR: 03/27/2018

Date Made Active in Reports: 06/08/2018

Number of Days to Update: 73

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 06/27/2018

Next Scheduled EDR Contact: 10/08/2018

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 04/30/2018

Date Data Arrived at EDR: 05/02/2018

Date Made Active in Reports: 06/22/2018

Number of Days to Update: 51

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 05/02/2018

Next Scheduled EDR Contact: 08/13/2018

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

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: 04/30/2018

Date Data Arrived at EDR: 05/02/2018

Date Made Active in Reports: 06/22/2018

Number of Days to Update: 51

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 05/02/2018

Next Scheduled EDR Contact: 08/13/2018

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/14/2018

Date Data Arrived at EDR: 05/16/2018

Date Made Active in Reports: 06/22/2018

Number of Days to Update: 37

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 05/16/2018

Next Scheduled EDR Contact: 08/27/2018

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: see region list
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 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: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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: 09/30/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/12/2017	Source: EPA Region 8
Date Data Arrived at EDR: 01/23/2018	Telephone: 303-312-6271
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	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: 10/12/2017	Source: EPA Region 7
Date Data Arrived at EDR: 01/23/2018	Telephone: 913-551-7003
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/06/2018	Source: EPA Region 6
Date Data Arrived at EDR: 01/23/2018	Telephone: 214-665-6597
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	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: 10/14/2017	Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018	Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/16/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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: 10/14/2017	Source: EPA Region 1
Date Data Arrived at EDR: 01/23/2018	Telephone: 617-918-1313
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/16/2017	Source: EPA, Region 5
Date Data Arrived at EDR: 01/23/2018	Telephone: 312-886-7439
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/12/2018	Source: SWRCB
Date Data Arrived at EDR: 03/14/2018	Telephone: 916-341-5851
Date Made Active in Reports: 03/29/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/08/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 916-327-7844
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 06/21/2018
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/24/2017	Source: EPA Region 10
Date Data Arrived at EDR: 01/23/2018	Telephone: 206-553-2857
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/30/2017	Source: EPA Region 9
Date Data Arrived at EDR: 01/23/2018	Telephone: 415-972-3368
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/12/2017	Source: EPA Region 8
Date Data Arrived at EDR: 01/23/2018	Telephone: 303-312-6137
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 01/13/2018	Source: EPA Region 7
Date Data Arrived at EDR: 01/23/2018	Telephone: 913-551-7003
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/24/2017	Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017	Telephone: 214-665-7591
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 05/18/2018
Number of Days to Update: 134	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/14/2017	Source: EPA, Region 1
Date Data Arrived at EDR: 01/23/2018	Telephone: 617-918-1313
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/14/2017	Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018	Telephone: 404-562-9424
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/16/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/16/2017	Source: EPA Region 5
Date Data Arrived at EDR: 01/23/2018	Telephone: 312-886-6136
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/22/2018
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/02/2018	Telephone: 916-323-3400
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/02/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/26/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/27/2018	Telephone: 916-323-7905
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/27/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/19/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2018	Telephone: 202-566-2777
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 06/20/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/08/2018
Date Data Arrived at EDR: 02/09/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 39

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/22/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/01/2018	Telephone: 202-307-1000
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/02/2018	Telephone: 916-323-3400
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/02/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/18/2017	Telephone: 916-255-6504
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 05/30/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 02/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/19/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 01/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 46

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

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: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Semi-Annually

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: 02/08/2018
Date Data Arrived at EDR: 02/08/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 0

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

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: 04/06/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-845-8400
Date Made Active in Reports: 06/14/2018	Last EDR Contact: 04/24/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

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: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
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: 888-275-8747
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/07/2018
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 05/08/2018
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Varies

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: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 06/22/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 05/25/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Annually

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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/09/2018
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: 703-416-0223
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2017	Telephone: 202-564-8600
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 04/20/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 05/30/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 04/13/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

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: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 05/03/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 06/07/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/04/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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: 04/03/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/05/2018	Telephone: 202-343-9775
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 04/05/2018
Number of Days to Update: 85	Next Scheduled EDR Contact: 07/16/2018
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 05/03/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/13/2018
	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: 03/31/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

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: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

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: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/08/2018	Source: Department of Interior
Date Data Arrived at EDR: 03/13/2018	Telephone: 202-208-2609
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 06/20/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018	Source: EPA
Date Data Arrived at EDR: 02/23/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-0527
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 06/01/2018
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 02/25/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/17/2018	Telephone: 202-564-2280
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016	Source: Department of Defense
Date Data Arrived at EDR: 10/31/2017	Telephone: 703-704-1564
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 04/13/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 30

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

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

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA SAN FRANCISCO CO

Cupa facilities

Date of Government Version: 04/20/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

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: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 36

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

DRYCLEAN AVAQMD: DRYCLEAN AVAQMD

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: DRYCLEAN SOUTH COAST

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/16/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 147

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 54

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/20/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/15/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 38

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/12/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 04/19/2018
Number of Days to Update: 45

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 03/23/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/10/2018	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 04/13/2018	Telephone: 559-445-5577
Date Made Active in Reports: 06/19/2018	Last EDR Contact: 04/13/2018
Number of Days to Update: 67	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/16/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 06/25/2018
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/23/2018	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-323-2514
Date Made Active in Reports: 06/07/2018	Last EDR Contact: 04/24/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

OTHER OIL GAS: OTHER OIL & GAS (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

PROD WATER PONDS: PROD WATER PONDS (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROJECT: PROJECT (GEOTRACKER)

Projects sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

NON-CASE INFO: NON-CASE INFO (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

SAMPLING POINT: SAMPLING POINT (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

WELL STIM PROJ: WELL SAMP PROJ (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CIWQS: The California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 60

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

UIC GEO: UIC GEO (GEOTRACKER)

Underground control injection sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 65

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 70

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/09/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 36

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/25/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List Cupa facility list.

Date of Government Version: 02/26/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 14

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/30/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List Cupa Facility list

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 44

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 39

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/30/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 9

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/26/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/30/2018
Number of Days to Update: 53

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 50

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 54

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/09/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 60

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/16/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
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: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 40

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 03/30/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 28

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/12/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 27

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 18

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 07/02/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 30

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 45

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 42

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 45

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2018	Source: Health Care Agency
Date Data Arrived at EDR: 02/07/2018	Telephone: 714-834-3446
Date Made Active in Reports: 03/28/2018	Last EDR Contact: 05/08/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/15/2018	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 03/19/2018	Telephone: 530-745-2363
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 05/31/2018
Number of Days to Update: 46	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 01/22/2018	Source: Plumas County Environmental Health
Date Data Arrived at EDR: 01/24/2018	Telephone: 530-283-6355
Date Made Active in Reports: 03/15/2018	Last EDR Contact: 04/18/2018
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/05/2018	Source: Department of Environmental Health
Date Data Arrived at EDR: 04/10/2018	Telephone: 951-358-5055
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/18/2018
Number of Days to Update: 24	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/05/2018	Source: Department of Environmental Health
Date Data Arrived at EDR: 04/10/2018	Telephone: 951-358-5055
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/18/2018
Number of Days to Update: 24	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 71

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/03/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/03/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/17/2017
Number of Days to Update: 14

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

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: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 40

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/23/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 11

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 24

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
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: 03/20/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 43

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/20/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/04/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 42

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 16

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Cupa Facility List

Cupa Facility list

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 20

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/09/2018
Number of Days to Update: 33

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 35

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 01/08/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/30/2018
Number of Days to Update: 29

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List

Cupa facilities

Date of Government Version: 01/26/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 47

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List

Cupa program facilities

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/17/2018
Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 07/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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: 03/26/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 58

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/26/2018	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/25/2018	Telephone: 805-654-2813
Date Made Active in Reports: 06/25/2018	Last EDR Contact: 04/23/2018
Number of Days to Update: 61	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/28/2018	Source: Environmental Health Division
Date Data Arrived at EDR: 03/14/2018	Telephone: 805-654-2813
Date Made Active in Reports: 03/30/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 16	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/27/2018	Source: Yolo County Department of Health
Date Data Arrived at EDR: 04/03/2018	Telephone: 530-666-8646
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/27/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/15/2018
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/15/2018	Telephone: 530-749-7523
Date Made Active in Reports: 06/15/2018	Last EDR Contact: 04/25/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/03/2018	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/14/2018	Telephone: 860-424-3375
Date Made Active in Reports: 03/22/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 07/23/2018
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: 04/30/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/12/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 for 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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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REGULATORY RECORDS FOR FACILITIES IN THE SITE VICINITY



COUNTY OF SAN DIEGO

DEPARTMENT OF HEALTH SERVICES

1700 Pacific Highway, San Diego, CA 92101



DIVISION OF ENVIRONMENTAL HEALTH PROTECTION
HAZARDOUS MATERIALS MANAGEMENT UNIT
(619) 236-2222

DATE: MARCH 7 1988

MEMORANDUM FOR: California Regional Water Quality Control Board, San Diego Region
FROM: Hazardous Materials Management Unit (HMMU)
SUBJECT: UNAUTHORIZED RELEASE OF HAZARDOUS MATERIAL FROM AN UNDERGROUND STORAGE TANK T# 0928/H 26403

Evidence of an unauthorized release of a hazardous material has been noted by HMMU staff at the site described below:

Site Address	<u>600 PALM AVE</u>	<u>IMPERIAL BEACH</u>	
	Street	City	Zip Code
Property Owner	<u>STRAND LTD (PAUL + WAYNE GREEN)</u>		
	Name		
	<u>4230 EL CAJON BLVD</u>	<u>EL CAJON</u>	<u>92105</u>
	Street	City	Zip Code
	Telephone <u>280-1150</u>		
Tank Operator			
	Name	Telephone	

The following information is provided for your consideration and action in accordance with the authority and responsibilities of the Regional Board.

Suspected Source(s) UG TANKS
Amount Released uk (Gallons) uk (Time Period)

Release Detected By:

- | | |
|---|--|
| <input type="checkbox"/> Routine Tank Testing | <input type="checkbox"/> Evidence of Soil Contamination Detected During Tank Removal |
| <input type="checkbox"/> Test of Piping | <input type="checkbox"/> Evidence of Leaky Tank Detected During Tank Removal |
| <input type="checkbox"/> Inventory Audit | <input checked="" type="checkbox"/> Other SOIL BORING |
| <input type="checkbox"/> Monitoring Device/Well | |

Description of underground tank systems on property (number, type, age, capacity, material stored, evidence of leakage). 3 GASOLINE, 1 W/O

Date Release Reported to or Detected by HMMU 3/7/88
Contact With Other Agencies _____

Additional Comments:
SAMPLING BY AMERICAN ENGINEERING LABS
ADDITIONAL WORK TO BE DONE BY APPLIED GEOSCIENCES

Please call the HMMU at 236-2222 if you have questions or comments regarding the above.

HMMU Staff David F. Hill



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR
(619) 236-2237

DEPARTMENT OF HEALTH SERVICES

1700 PACIFIC HIGHWAY, SAN DIEGO, CALIFORNIA 92101-2417

OFFICE OF THE DEPUTY DIRECTOR
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 85261
SAN DIEGO, CA 92138-5261
(619) 236-2243

March 24, 1988

Paul & Wayne Green
Strand LTD Corporation
4230 El Cajon Blvd.
El Cajon, CA 92105

RE: UNAUTHORIZED RELEASE #T 0928/H26463
600 PALM AVE., IMPERIAL BEACH

Dear Mr. Green:

The reports submitted to this Department by Applied Geosciences and American Engineering Labs regarding the site characterization activities at the above referenced location have been reviewed. These reports have also been discussed with staff of the Regional Water Quality Control Board (RWQCB). The RWQCB concurs with the determination of this Department that this site does not require mitigation based on current requirements and policies. No further action is required at this time.

Please be advised that if future development of the site involves below-grade excavation, additional site characterization and mitigation activity may be required. It is the property owner's responsibility to notify this Department prior to commencement of such activity.

Thank you for your efforts in resolving this matter. Please do not hesitate to contact the Hazardous Materials Management Unit at (619) 236-2222, if you require any additional assistance.

Very truly yours,


GARY STEPHANY, Chief
Division of Environmental Health Protection

GS/t1

cc: RWQCB
HMMU
Del Mar Partnership

Telcom
Tony Kouzes

6/29/88

H26463

Re: Silver Strand Playa

He has several drums of soil on site from borings done after we signed off on site. Says soil TPA very low in all. I said easiest to leave on site. He said grading would be done - we agreed that soil could be spread out during grading work.

Telcom from
David Winkler - Re 600 palm Ave 4/8/88

He wants to know about possibility of other contamination on site.

Circle K wants to put new tanks in a location that was not sampled during previous work.

I mentioned possibility of old tanks at other locations. It may be worth piece of mind to know soil conditions at proposed tank location.

Consultants could assist in sample location and depth. Could drill first or simply excavate and be prepared to do clean up if necessary.

I think he is going to go for drilling at new tank location.

DWF

Telecom from 3/23 8:40

Don Johnson

7910 Inahne 415 LA Jolla 92037

I said no 5 day form rec. from Greens.

He said he would get one to them.

Johnson is planning on coming into HMMI today or tomorrow, will pick up supply of 5 day forms.

I noted that his recommendation in report was good; especially if new tanks were installed.

He felt that gas station was unlikely because intersection is "dead".

DWF

Telcom 3/21 2:45
Call from V. Clavell re 600 Palm Ave.

I said sign off letter in the mill.
They said Circle K was going to put in new Gasoline
tanks. I suggested they keep away from W/O tank
location.

~~But~~ Winkle said excavated soil would have to
be hauled away.

I mentioned passive aeration as cleanup
more samples would be needed to get material
into local landfill. W/O soil would have to go
to Hazardous Waste site at 300-400/cyd³

Consultant's suggestion is good.
If they want to submit more data after excavation
I will add it to file as a matter of record.

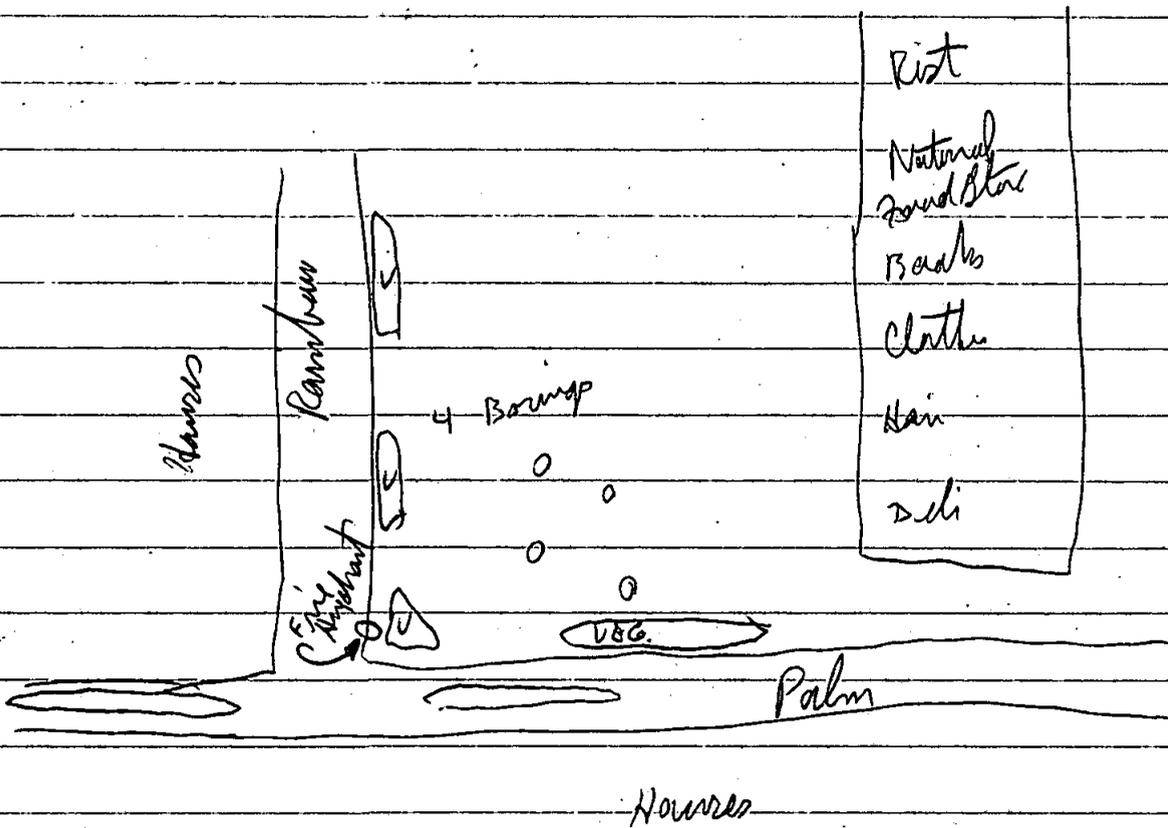
DWF

Site Visit 600 Palm Ave I.B. 3/10/88 11:50

site is currently a parking lot

N
↑

S. D Bay
1/4 mile from site



Situation is as shown on figs 2, 3 in report by A&L Labs
of 2/17/88

DWF



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR
(619) 236-2237

DEPARTMENT OF HEALTH SERVICES

1700 PACIFIC HIGHWAY, SAN DIEGO, CALIFORNIA 92101-2417

ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT DIVISION
P O BOX 85261
SAN DIEGO CA 92138-5261
(619) 236-2222

OFFICIAL NOTICE

MARCH 7, 1988

PAUL + WAYNE GREEN

STRAND LTD

4230 EL CAJON BLVD
EL CAJON, CA 92105

RE: UNAUTHORIZED RELEASE #T 0928/H26463
122 PALM AVE, IMPERIAL BEACH

Dear MR GREEN :

Information provided to this Department by AMERICAN ENGINEERING LABS indicates that the underground hazardous substance storage facility at the location referenced above has experienced an Unauthorized Release (leak).

The conditions created by the Unauthorized Release must be reported and corrected in accordance with Sections 25295 and 25297 of Chapter 6.7 of the California Health and Safety Code (H&SC) and Section 2652, Subchapter 16, Chapter 3, Title 23 of the California Administrative Code (CAC), and Chapter 6.5 of the H&SC and Title 22 of the CAC.

~~As the owner/operator of the underground storage tank, it is your responsibility to:~~

1. Take immediate action to prevent further unauthorized release;
2. Determine the extent and impact of the unauthorized release;
3. Submit a written Unauthorized Release Report to this Department within five work-days of receipt of this Notice;
4. Complete and distribute within five workdays the enclosed State Water Resources Control Board's "Underground Storage Tank Unauthorized Release(Leak)/Contamination Site Report";
5. Submit supplemental report as required to update the initial report; and,
6. Complete any site mitigation (cleanup) required.

The Unauthorized Release Report must address all six Elements listed on the reverse side of this Official Notice, to the extent of the best information known at this time. Additional information and responsibilities are also listed. Please note Item G concerning responsibility for payment for staff time expended on the investigation.

Subsequent site characterization and mitigation actions will be determined upon evaluation of the written report and consultation with the Regional Water Quality Control Board and other appropriate regulatory agencies.

Please call me at (619) 236-2222 if you have any questions regarding this Official Notice.

Sincerely,

David Felix

Hazardous Materials Specialist

cc: DELMAR PARTNERSHIP
12702 VIA CARTINA
Enclosure SUITE 104
cc: RWQCB DEL MAR 92014
DHS:HM-9046 (7/87)

American Engineering Laboratories Inc.
7940 Arjons Drive
Suite A
San Diego, Ca 92126

Del mar Partnership
12702 Via Cortina Suite 104
Del Mar, Ca 92014
attn: ms Vicki Cavell

Telecom 3/7/88 8:30
Dan Johnson Applied Geosciences

Call from
459-7970

2 Boreholes 15 + 22 feet with permits.
1 in waste oil tank location, one in center of gas tank
cluster. They will take qualitative ground water sample
through sugar stem.

(Because we are looking for free product, only,
that is the only item of data we need from
ground water).

Telecom
From David Winkler - Del Mar Partners 3/3 4:30

He went through some Q+A as Clavel on 2/29.
I noted that property owner has liability for contamination.
He asked that copies of communications be sent to Del Mar Partners. Said seller wants to close, but he is concerned about future additional contamination raising soil contamination to above permissible levels if it is not cleaned up completely prior to buying property.

I noted details of sign off letter.

I noted details of conversation with Don Johnson of Applied Geosciences.

I noted that next step is to fully delineate extent of contamination.

I said if consultant worked fast and lab work was done on rush basis (normal turnaround around is 2 weeks) that sign off might come in 1 month.

I noted cost of soil disposal for any waste oil soil or soil > 1000 ppm.

He warned that lawyer (for seller) might call.

I said 15th official notice to go out today or tomorrow.

DWF

From Dan Johnson Telecom 3/2/88 9:45

Applied Geosciences - 600 Palm Ave
He wanted J#, I said not assigned yet.
Seller will do further work. A.G. will work for
Greens (seller). He is preparing one well below
gas tanks to get water sample and ~~removal~~ ~~if not~~
~~yet~~ sampling below w/o tank for soil analyses.

I said review what I told Cavell ~~up~~ on 2/29
re clean up level, our involvement, lack of well
well permits for AEL work.

I suggested he get seller and Del Mar Partnership
to agree on clean up level etc.

I reminded him that tank removal ~~of~~ permits and
well permits are necessary for proposed work.

DUT

600 Palm Ave

Telecom 2/29 2:00

Call Scott H. RW & EB Cleanup 1000 ppm
established

Telecom 2/29 2:04

Called Del Mar Partnership
Info from phone number
They are developer/owner
Send communications to Vicki Clavell

Del Mar Partnership
12702 Via Cortina, Suite 104
Del Mar 92014

Owner PAUL PWAYNE GREEN
STRAND LTD
4230 FL CASON
FL CASON 92105
280-1150

DVF

Telecom

2/29

3:40

Call from Vicki Clavell
I mentioned illegal wells

She said Del Mar Partners is developer for Circle K

Current property owner

Paul + Wayne Green
Strand Strand Ltd Corp.
4230 El Cajon Blvd
El Cajon 92105
280-1150

She says escrow requires clean up of all contamination
to zero.

I noted this was not legally required - that
1000 ppm TPH soil and no free-product or groundwater
would suffice. I said we would drop out of process
after these levels were demonstrated.

What must be done is to fully delineate soil and
ground water contamination.

I said I would like to review consultant's proposal
before work begins. Well permits will be required.

I said waste oil ~~to~~ tank should be removed.

Permit will be required, and our inspectors would have
to be present. Take samples below w/o tank

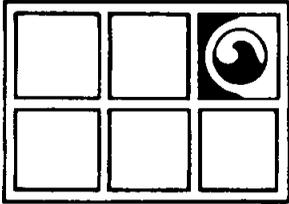
I noted that current property owners would be billed \$60.00/hour for time we spend on it.

I noted soil disposal policy - ≤ 1000 fuel to local land fill. Any waste oil contaminated soil to special landfill (Caswell's or Westwoodland).

I will cc letter to her, send copy of consultants. She though said American Engineering Lab people come from Testing Laboratory, she felt they should have known about well permits - she asked for recommendation of other groundwater consultants, I refused, mentioned consultants list.

DMF

H26463/T0928



**GROUNDWATER
TECHNOLOGY INC.**

11080 Roselle Street, Suite C, San Diego, CA 92121 (619) 453-8415

July 21, 1988

San Diego County
Dept. of Health Services
Hazardous Materials Management Division
1700 Pacific Highway
San Diego, California 92101

AUG 19 11 21 AM '88

HMMDU

ATTN: Mr. Dave Felix

SITE: Silver Strand Plaza
Rainbow Drive and Palm Avenue
Imperial Beach, California

RE: 55-GALLON DRUMS CONTAINING PURGED GROUNDWATER AND SOIL
CUTTINGS

Dear Mr. Felix:

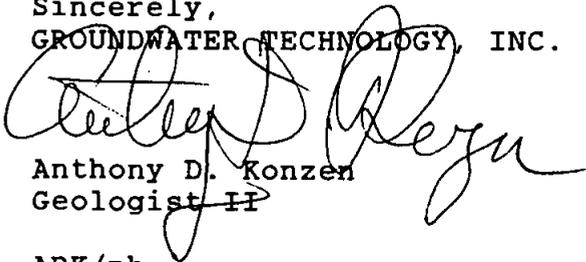
Per our July 1, 1988 telephone conversation, the topic concerned the twenty-one 55-gallon drums (3 contain groundwater, the remaining contain soil cuttings) at the Silver Strand Plaza site. Groundwater Technology understands that the drums containing soil and groundwater can remain on-site during forthcoming soil re-grading operations. I stated that a majority of the drums containing soil cuttings have non-detectable gasoline hydrocarbon concentrations and that approximately three drums contain levels not exceeding 710 ppm (TPH as gasoline). The three drums containing purged groundwater exhibit TPH concentrations (as gasoline) no greater than 8 ppm.

Groundwater Technology also understands that the site had been closed by the HMMD and that further site investigations would not be necessary.

Mr. Dave Felix
July 21, 1988
Page Two

If you have any questions or comments pertaining to this matter,
please call the undersigned at (619) 453-8415.

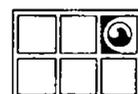
Sincerely,
GROUNDWATER TECHNOLOGY, INC.



Anthony D. Konzen
Geologist II

ADK/nb

cc: Vicki Clavell, Del Mar Partnership



GROUNDWATER
TECHNOLOGY INC.

APPLIED GEOSCIENCES INC.

7910 Ivanhoe Avenue, Suite 415
La Jolla, California 92037
(619) 546-9267

TRANSMITTAL LETTER

TO: Environmental Health Services DATE: 18 March 1988
Hazardous Materials Management Div. JOB NO. A881246
P.O. Box 85261, San Diego, Ca. 92138 LTR. NO. _____

ATTENTION: Mr. David Felix

SUBJECT: Transmittal of Subsurface Investigation

ENCLOSED PLEASE FIND:

(1) copy of Subsurface Investigation for a Site Located
at Rainbow Drive and Palm Avenue, Imperial Beach,
California

REMARKS: _____

SHOULD YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CALL ME

SINCERELY,

Daniel Johnson ^{M.S.}

Daniel Johnson

CC: A881246

MAR 18 4 05 PM '88

HMMU

ENCLOSURES



18 March 1988

SUBSURFACE INVESTIGATION
FOR A SITE LOCATED AT
RAINBOW DRIVE AND PALM AVENUE
IMPERIAL BEACH, CALIFORNIA

Prepared for:

Strand Shopping Ltd.
4230 El Cajon Blvd.
San Diego, California 92105

Prepared by:

Applied Geosciences Inc.
7910 Ivanhoe, Suite 415
La Jolla, California 92037
(619) 459-7970

Project No. A881246

SUBSURFACE INVESTIGATION
FOR A SITE LOCATED AT
RAINBOW DRIVE AND PALM AVENUE
IMPERIAL BEACH, CALIFORNIA

1.0 INTRODUCTION

This report summarizes the subsurface investigation at the former service station located at the northeast corner of the intersection of Rainbow Drive and Palm Avenue in Imperial Beach, California (Figure 1). The assessment was conducted for Mr. Wayne Green by Applied Geosciences Inc. in response to an executed contract attachment received March 7, 1988.

2.0 OBJECTIVE

The objective of the investigation summarized in this report is to assess the likelihood that elevated concentrations of petroleum hydrocarbons are present: 1) in the subsurface near a former waste oil tank; and 2) in the groundwater near three former motor fuel tanks (Figure 2).

3.0 SCOPE

The scope of services to meet the objective included the following:

- o Review of documents describing the geology and hydrogeology of the Imperial Beach area;
- o Review of documents detailing the location and removal of the former waste oil and fuel tanks;
- o The advancement of one boring to an approximate depth of 15 feet below ground surface (bgs) in the vicinity of the former waste oil tank, and the collection of one soil sample for laboratory analysis;
- o The advancement of one boring to an approximate depth of 22 feet bgs near three former motor fuel tanks, and the collection of a groundwater sample for laboratory analysis by lowering a teflon bailer to the water occupying the inner annulus of the hollow-stem auger flights.

4.0 SITE DATA

The following information has been obtained from borings drilled under the supervision of personnel of Applied Geosciences Inc., telephone conversations with persons familiar with the site and site vicinity, and a review of readily available documents regarding the site and site vicinity. The limits of the site and the location of the former underground storage tanks are based on information presented in "Grading Compaction Report for TANK Hole Backfill, 600 Palm Avenue, Imperial Beach, California," dated

October 21, 1981, prepared by Aako Geotechnical Engineering Consultants, Anaheim, California. The site and vicinity, and site plot plan are presented in Figure 1 and Figure 2, respectively.

4.1 Site Setting

It is the understanding of Applied Geosciences Inc. that the site was used as an automotive service station until approximately 1980, at which time the underground fuel and waste oil storage tanks were removed and the service station was decommissioned (AEL, 1988). The site was subsequently used as a parking lot for the Silver Strand Plaza and remains in use as a parking lot at present.

4.2 Geology and Hydrogeology

The site is underlain by undifferentiated nearshore marine sandstone deposits and deposits of the Bay Point Formation which consists of marine, lagoonal and non-marine, poorly consolidated, fossiliferous sandstone (DMG, 1977). Groundwater at the site occurs at a depth of approximately 18 feet below ground surface (AEL, 1988) and is of marginal to inferior quality for domestic or irrigation purposes due to high total dissolved solids and/or chloride concentrations (RWQCB, 1975).

4.3 Previous Investigations

American Engineering Laboratories, Inc. (AEL) listed concentrations of total petroleum hydrocarbons (TPH) in three borings located near the three former motor fuel tanks as follows:

Boring number	Depth (feet)	TPH (ppm*)
B1	10	<5 **
B1	16	71
B2	17	81
B3	17	820
B3	18	32

* Parts per million

** Below the indicated detection limit

Borings were drilled by AEL on February 5, 1988 (AEL, 1988). Locations of the borings are on the location map in Appendix A. All samples listed were analyzed in general accordance with modified EPA Method No. 8015 by Analytical Technologies, Inc. of San Diego, California.

5.0 FIELD INVESTIGATION

A well permit was obtained on March 10, 1988 for boring SS2 from which a groundwater sample was to be collected. On March 11, 1988

boring number SS-1 was placed as close to the reported center of the former waste oil tank as possible, and boring number SS2 was placed approximately in the center of the former fuel tank excavation (Figure 2). Boring logs are presented in Appendix B. The procedures for drilling, soil sampling, and groundwater sampling are presented in Appendix C. Drilling services were provided by Falcon Drilling of San Diego, California.

6.0 SUBSURFACE CONDITIONS

The interpretation of subsurface stratigraphy is based on observations made during drilling procedures, and information presented in the AEL report (AEL, 1988). In general, subsurface materials consist of loose, sandy fill from the ground surface to a depth of approximately 3 to 5 feet, and silty sand formational material to a depth of approximately 16 feet bgs. In boring SS2, dense sandy silt continues from 16 feet bgs to a depth of approximately 20 feet bgs, underlain by well-sorted, medium sand to the bottom of the boring at 22 feet bgs. Groundwater was encountered in boring SS2 at approximately 19 feet bgs. Petroleum hydrocarbon odor was noticed in the silt sample taken from boring SS2 at a depth of approximately 15.5 feet, and in the soil cuttings from below approximately 16 feet bgs.

During the course of drilling operations, concentrations of volatile organic compounds (VOCs) were measured in the field using an Hnu field organic vapor meter (OVM) equipped with a 10.2 eV probe. Between the drilling of borings SS1 and SS2, the OVM was found to be malfunctioning and its use was discontinued. OVM measurements for samples and the annular space of the augers for boring SS1 appear on the boring log in Appendix B. The procedures for using the OVM in the field are presented in Appendix C.

7.0 LABORATORY ANALYSIS

One soil sample from boring SS1 was analyzed for total petroleum hydrocarbons in general accordance with EPA Method No. 418.1, and one water sample from boring SS2 was analyzed in accordance with the modified EPA Method 8015. The analyses were performed by Analytical Technologies, Inc. of San Diego, California.

The laboratory results indicate elevated concentrations of total petroleum hydrocarbons in the soil sample obtained from boring SS1 of 14 ppm. No petroleum hydrocarbons were detected above a detection limit of 1 ppm in the water sample obtained from boring SS2. Laboratory results are listed in Appendix D.

8.0 DISCUSSION

8.1 Hazardous Waste Criteria

Presently there are no Federal or State standards setting cleanup levels for petroleum hydrocarbons detected in soil. The decisions of regulatory agencies to regarding remediation of soils containing these compounds is often based upon site-specific

conditions, including quantities of petroleum hydrocarbons released into the soil, depth to groundwater, groundwater uses, and concentrations of the petroleum compounds in the soil. It is the understanding of Applied Geosciences Inc. that the policy of San Diego County Hazardous Materials Management Division (HMMD) concerning unauthorized release of vehicle motor fuel to the soil and groundwater relative to this site is to classify as hazardous waste:

- o Soils with concentrations of greater than 1000 ppm TPH;
- o Groundwater with concentrations of greater than 100 ppm TPH; and
- o Any free product on the surface of the groundwater.

The HMMD classification policy is listed in Appendix E.

8.2 Former Waste Oil Tank

The reported concentration of 14 ppm TPH in the soil sample collected from a depth of 15 feet bgs in boring SS1 would not result in the sample being classified as a hazardous waste pursuant to the current HMMD policy (Felix, 1988).

8.2 Former Motor Fuel Tanks

It is unclear whether the laboratory result of non-detection of petroleum hydrocarbons in the groundwater sample is representative of the groundwater conditions at the water table, but it is unlikely, in our judgment that less than 1 ppm TPH would be present in the sample if free product were present on the water table. Because of the non-beneficial use of the groundwater at this site, it is unlikely that the groundwater in the vicinity of the former fuel tanks would be classified as a hazardous waste under current HMMD policy.

The concentrations of TPH in the soils reported by AEL in the vicinity of the former motor fuel tanks also falls below the HMMD criteria for soils indicating that the soils in this area would not be classified as hazardous waste, under the current HMMD policy.

9.0 CONCLUSIONS

Based on the information presented in this report, current regulatory guidelines and the professional judgment of Applied Geosciences Inc., the following conclusions have been reached:

- o Elevated concentrations of petroleum hydrocarbons are present in the soil in the vicinity of both the former waste oil tank and the motor fuel tanks;
- o There is a low likelihood that elevated concentrations of petroleum hydrocarbons are present in the groundwater at the

site;

- o No free product was observed in the water sample taken from boring SS2;
- o Concentrations of petroleum hydrocarbons present in boring SS-1 are not likely to be classified as hazardous waste under the San Diego County HMMD policy; and
- o There is a low likelihood that concentrations of petroleum hydrocarbons present in the groundwater sample obtained from boring SS2 would be classified as hazardous waste under current HMMD policy.

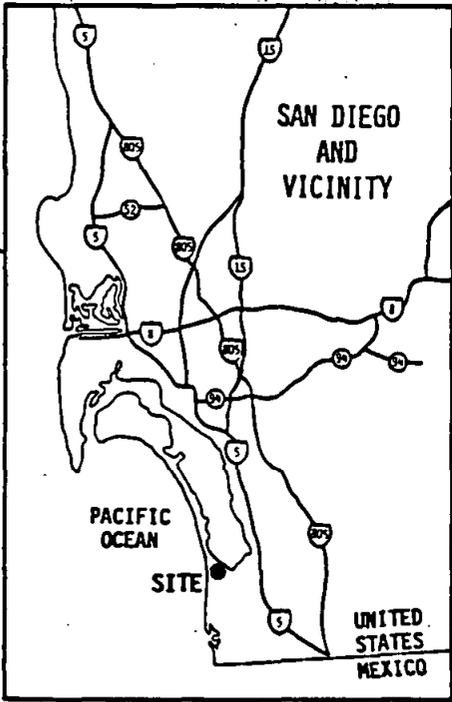
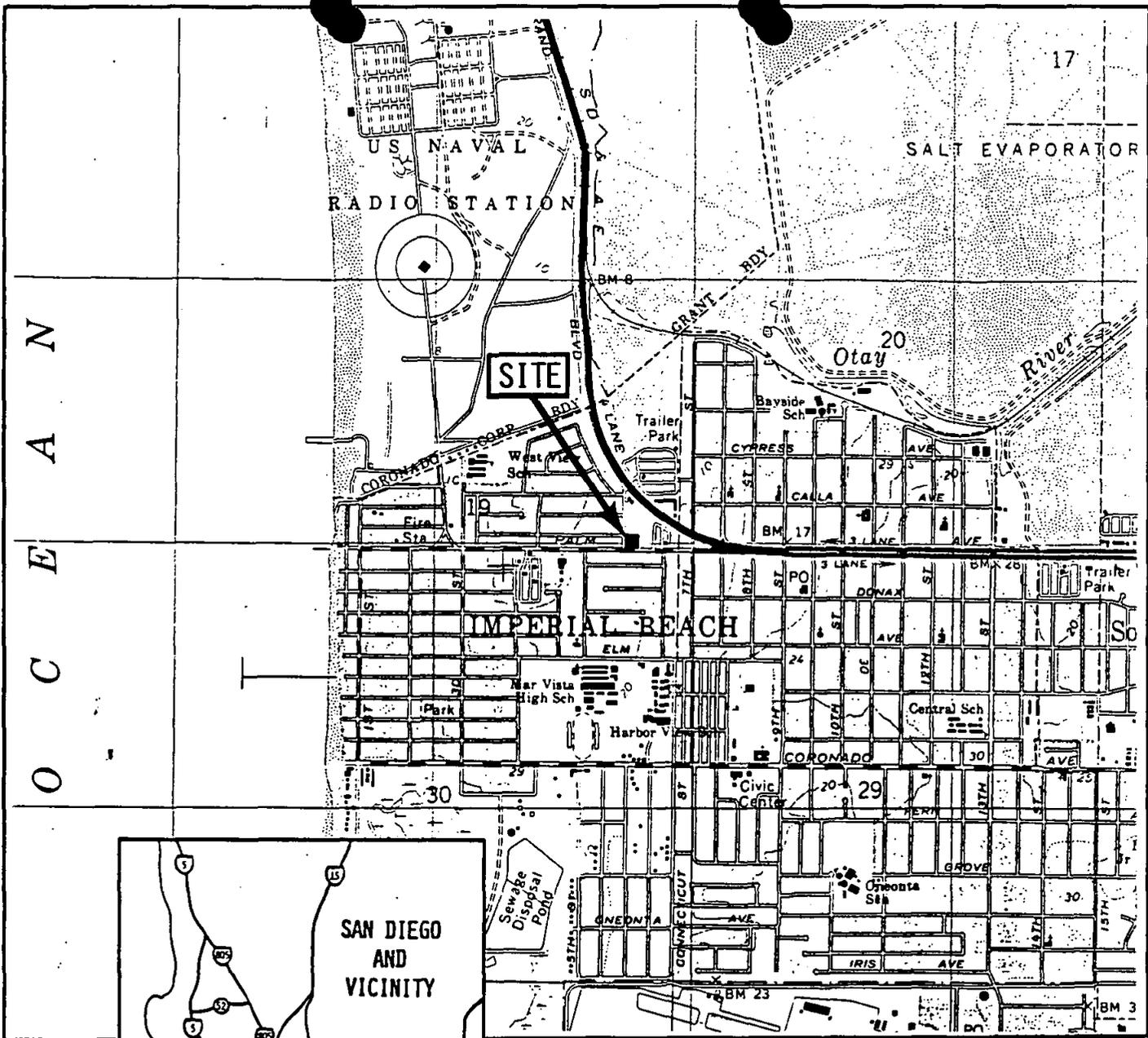
10.0 RECOMMENDATIONS

Based on the above conclusions, the data reviewed as a part of this investigation, current regulatory guidelines, and the professional judgment of Applied Geosciences Inc., the following recommendation is presented for your consideration:

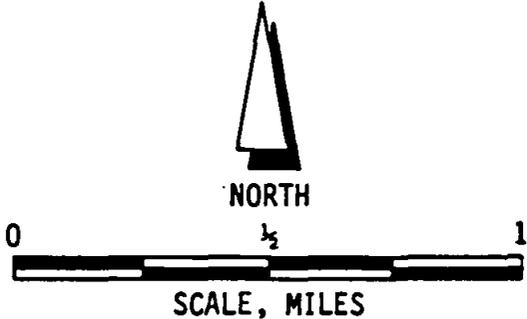
- o Site grading activities should be monitored for the presence of hazardous waste by a qualified individual or consultant, familiar with hazardous waste investigations.

11.0 REFERENCES

- AEL (American Engineering Laboratories, Inc.), 1988, Hazardous Materials Investigation, Initial Subsurface Study, Silver Strand Plaza, Northeast Corner Of Rainbow Drive And Palm Avenue, Imperial Beach, California
- DMG (California Division of Mines and Geology), 1977, National City, Imperial Beach, Otay Mesa Quadrangles, California, Map Sheet 29.
- Felix, D., 1988, Hazardous Materials Specialist, San Diego County Hazardous Materials Management Division: oral communication.
- HMMD, (San Diego County Hazardous Materials Management Division), 1987, San Diego County policy regarding fuel-contaminated soil and groundwater.
- RWQCB (Regional Water Quality Control Board), 1975, Comprehensive Water Quality Control Plan for the San Diego Basin, California.



NOTE:
 BASE MAP IS TAKEN FROM USGS IMPERIAL BEACH QUADRANGLE, CALIFORNIA-BAJA CALIFORNIA NORTE, 7.5 MINUTE SERIES (TOPOGRAPHIC), 1967, PHOTOREVISED 1975



APPLIED GEOSCIENCES INC. Engineering Geology and Hazardous Materials Consultants	
SITE VICINITY MAP	
PROJECT NUMBER A881246	FIGURE 1

RAINBOW DRIVE

SS1
WASTE OIL
TANK EXCAVATION

SS2
MAIN TANK
EXCAVATION

APPROXIMATE
LIMIT OF SITE

PALM AVENUE

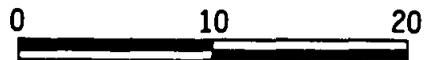
EXPLANATION

SS1 BORING LOCATION
● AND DESIGNATION

NOTE:
ALL LOCATIONS AND DIMENSIONS
ARE APPROXIMATE



NORTH



SCALE, FEET

APPLIED GEOSCIENCES INC.

Engineering Geology and Hazardous Materials Consultants



SITE PLAN

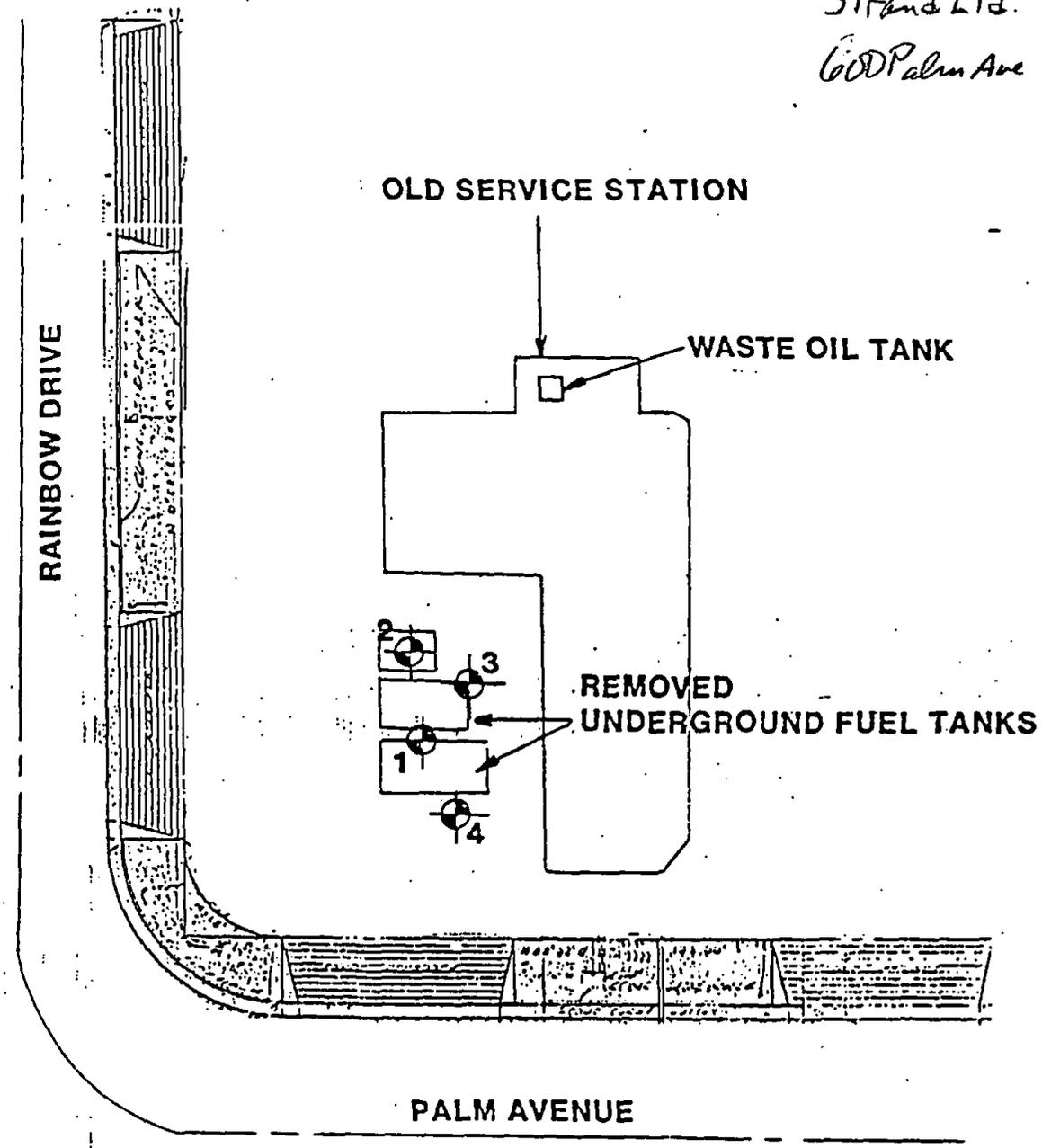
PROJECT NUMBER A881246

FIGURE 2

APPENDIX A

**LOCATION MAP:
AMERICAN ENGINEERING LABORATORIES BORINGS**

H 26463
STrand LTD.
600 Palm Ave



SCALE
1" = 25'

 BORING LOCATION

BORING LOCATION MAP		
Job No G-6039	FEB 18/88	FIGURE 3

APPENDIX B
BORING LOGS

PRIMARY DIVISIONS			GROUP SYMBOL	SECONDARY DIVISIONS
COARSE GRAINED SOILS MORE THAN HALF OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVELS MORE THAN HALF OF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS (LESS THAN 5% FINES)	GW	Well graded gravels, gravel-sand mixtures, little or no fines.
			GP	Poorly graded gravels or gravel-sand mixtures, little or no fines.
		GRAVEL WITH FINES	GM	Silty gravels, gravel-sand-silt mixtures, non-plastic fines.
			GC	Clayey gravels, gravel-sand-clay mixtures, plastic fines.
	SANDS MORE THAN HALF OF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE	CLEAN SANDS (LESS THAN 5% FINES)	SW	Well graded sands, gravelly sands, little or no fines.
			SP	Poorly graded sands or gravelly sands, little or no fines.
		SANDS WITH FINES	SM	Silty sands, sand-silt mixtures, non-plastic fines.
			SC	Clayey sands, sand-clay mixtures, plastic fines.
FINE GRAINED SOILS MORE THAN HALF OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT IS LESS THAN 50%		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
			OL	Organic silts and organic silty clays of low plasticity.
	SILTS AND CLAYS LIQUID LIMIT IS GREATER THAN 50%		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
			CH	Inorganic clays of high plasticity, fat clays.
			OH	Organic clays of medium to high plasticity, organic silts.
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils.

DEFINITION OF TERMS

U.S. STANDARD SERIES SIEVE				CLEAR SQUARE SIEVE OPENINGS			COBBLES	BOULDERS
200	40	10	4	3/4"	3"	12"		
SILTS AND CLAYS	SAND			GRAVEL		COBBLES	BOULDERS	
	FINE	MEDIUM	COARSE	FINE	COARSE			

GRAIN SIZES

SANDS, GRAVELS AND NON-PLASTIC SILTS	BLOWS/FOOT [†]
VERY LOOSE	0 - 4
LOOSE	4 - 10
MEDIUM DENSE	10 - 30
DENSE	30 - 50
VERY DENSE	OVER 50

CLAYS AND PLASTIC SILTS	STRENGTH [‡]	BLOWS/FOOT [†]
VERY SOFT	0 - 1/4	0 - 2
SOFT	1/4 - 1/2	2 - 4
FIRM	1/2 - 1	4 - 8
STIFF	1 - 2	8 - 16
VERY STIFF	2 - 4	16 - 32
HARD	OVER 4	OVER 32

RELATIVE DENSITY

CONSISTENCY

[†] Number of blows of 140 pound hammer falling 30 inches to drive a 2 inch O.D. (1-3/8 inch I.D.) split spoon (ASTM D-1586).

[‡] Unconfined compressive strength in tons/sq. ft. as determined by laboratory testing or approximated by the standard penetration test (ASTM D-1586), pocket penetrometer, torvane, or visual observation.

APPLIED GEOSCIENCES INC.

Engineering Geology and Hazardous Materials Consultants



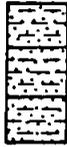
UNIFIED SOIL
CLASSIFICATION SYSTEM

PROJECT NUMBER A881246

DRILLING EQUIPMENT				ELEVATION DATA					
DRILLER			START DATE		BORING DEPTH (FT)		WELL DEPTH (FT)		
DRILLING COMPANY			COMPLETION DATE		WATER DEPTH (FT):	INITIAL COMPLETION	124Hrs.		
BACKFILL MATERIAL			LOGGED BY		WELL SCREEN DEPTH (FT)				
BACKFILL SEAL			CHECKED BY		WELL SCREEN				
OVM				NO. AND TYPE OF SAMPLE:		UNDISTURBED	MOD.CA	DISTURBED	
Time	Depth	Lithology		Blows of Sample	OVM		Sample		Comments
		Description			Auger	Sample	Type	No.	
	5	Olive-green, wet, loose, Silty SAND (SM)							
	10	UNIFIED SOIL CLASSIFICATION SYSTEM (USCS) DESCRIBED IN FOLLOWING FIGURES		12	26	38	CF01-1		Strong odor (petroleum product?)
	15	GRAPHIC PRESENTATION OF LITHOLOGY DESCRIBED IN FOLLOWING FIGURES		15	12	26	CF01-2		
	20	NUMBER OF BLOWS REQUIRED TO ADVANCE SAMPLER ONE FOOT USING A 140-POUND DOWNHOLE HAMMER WITH 30-INCH DROP							
	25	ORGANIC VAPOR METER (OVM) READINGS IN PARTS PER MILLION (ppm)							
	30	SAMPLE LOCATION AND TYPE							
	35	<input checked="" type="checkbox"/> - MODIFIED CALIFORNIA DRIVE SAMPLER <input type="checkbox"/> - DAMES & MOORE SAMPLER (D&M)							
		SAMPLE IDENTIFICATION NUMBER							
		REMARKS AND COMMENTS BY DRILLER OR INSPECTOR							
PROJECT STRAND SHOPPING LTD				PROJECT NO. A881246		LOG OF BORING		FIGURE	

LITHOLOGY

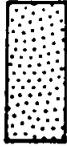
Clayey SAND



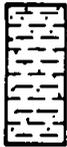
Silty SAND



SAND



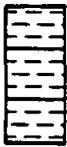
Sandy SILT



SILT



Clayey SILT



Silty CLAY



Sandy CLAY



Gravelly CLAY



CLAY



OBSERVATION WELL

BENTONITE



DRY MIX OF BENTONITE AND SAND



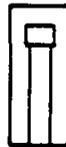
CEMENT



CUTTINGS



BLANK CASINGS



SLOTTED INTERVAL



BORING INFILL



APPLIED GEOSCIENCES INC.

Engineering Geology and Hazardous Materials Consultants



BORING LOG KEY

PROJECT NUMBER A881246

DRILLING EQUIPMENT MOBIL DRILL B-61		SS1	ELEVATION DATUM STRAND SHOPPING PARKING LOT	
DRILLER TOM DAVIS	START DATE 11 MARCH 1988	BORING DEPTH (FT) 16.5	WELL DEPTH (FT) -	
DRILLING COMPANY FALCON DRILLING COMPANY	COMPLETION DATE 11 MARCH 1988	WATER INITIAL -	COMPLETION -	24hrs -
BACKFILL MATERIAL 3:1 SAND AND BENTONITE	LOGGED BY JOHN PAYNE	WELL SCREEN DEPTH (FT) -		
BACKFILL SEAL COLD PATCH ASPHALT	CHECKED BY JON LOVEGREEN	WELL SCREEN -		

OVM Hnu ORGANIC VAPOR METER WITH 10.2 EV PROBE	NO. AND TYPE OF SAMPLE: 0	UNDISTURBED 0	MOD.CA 3	DISTURBED 0
---	------------------------------	------------------	-------------	----------------

Time	Depth	Lithology		BC Count	Blogs	OVM		Sample		Comments
		Description	Grains			Wells	Auger	Sample	Type	
0930		ASPHALT								Fill material
	5	Dark red-brown, dry, loose to medium-dense, very fine to medium Silty SAND (SM)								
		Becomes dense at 6.0 feet		27		<1	<1	X	SS1-1	
	10	Becomes brown and dense at 10.0 feet		48		<1	<1	X	SS1-2	
	15	Thin lense of red-brown, moist, very dense, Silty, fine to medium SAND (SP)								Thin sand lense at 15.5 feet
1015		Dark-brown to red-brown, moist, hard, very fine, Sandy SILT (ML)		101		<1	<1	X	SS1-3	
	20	Bottom of boring at 16.5 feet								
	25									
	30									
	35									

CONFIDENTIAL

PROJECT STRAND SHOPPING LTD	PROJECT NO. A881246	LOG OF BORING SS1	FIGURE
--------------------------------	------------------------	----------------------	--------

DRILLING EQUIPMENT MOBIL DRILL B-61		SS2	ELEVATION DATUM STRAND SHOPPING PARKING LOT	
DRILLER TOM DAVIS	START DATE 11 MARCH 1988	BORING DEPTH (FT) 22.0	WELL DEPTH (FT) -	
DRILLING COMPANY FALCON DRILLING COMPANY	COMPLETION DATE 11 MARCH 1988	WATER INITIAL DEPTH (FT): 19.0	COMPLETION -	24Hrs -
BACKFILL MATERIAL 3:1 SAND AND BENTONITE	LOGGED BY JOHN PAYNE	WELL SCREEN DEPTH (FT) -		
BACKFILL SEAL COLD PATCH ASPHALT	CHECKED BY JON LOVEGREEN	WELL SCREEN -		

OVM Hnu ORGANIC VAPOR METER WITH 10.2 EV PROBE	NO. AND TYPE OF SAMPLE: 0	UNDISTURBED 0	MOD.CA 4	DISTURBED 0
---	------------------------------	------------------	-------------	----------------

Time	Depth	Lithology Description	Blows Count	Blows Rate	DVM		Sample		Comments
					Auger	Sample	Type	No.	
		ASPHALT							
		Light-brown, dry, loose, Silty, gravelly, very fine to coarse-grained SAND (SW)							
5		Red-brown, damp, loose to medium-dense, very fine to medium SAND (SP), with <1% silt	28					SS2-1	Earthy odor, rich soil
10		Becomes medium-dense at 5.0 feet Becomes light-brown at 10.0 feet	30					SS2-2	Fill to approximately 15.5 feet Petroleum hydrocarbon odor in sample of silt at 15.5 feet
15		Olive-brown, damp, hard, very fine Sandy SILT (ML) Some clay at 18.0 feet Becomes sandy and moist at 19.0 feet	71					SS2-3	Groundwater encountered at 19.0 feet
20		Light-brown, wet, very dense, fine to medium SAND (SP)	70					SS2-4 SS2-W	No noticeable odors at 20.5 feet Water sample at 22.0 feet
25		Bottom of boring at 22.0 feet							
30									
35									

CONFIDENTIAL

PROJECT STRAND SHOPPING LTD	PROJECT NO. A881246	LOG OF BORING SS2	FIGURE
--------------------------------	------------------------	----------------------	--------

APPENDIX C
FIELD PROCEDURES

BORING, SOIL SAMPLING, AND GROUNDWATER SAMPLING PROCEDURES

The procedures that were used for drilling borings, collecting soil samples, and collecting groundwater samples were as follows:

- o Boring SS-1 was advanced to a depth of approximately 15.0 feet bgs, and boring SS-2 was drilled to a depth of approximately 22.0 feet bgs using an 8-inch hollow-stem auger; augers were steam cleaned on-site between all borings;
- o The borings were logged under the supervision of a California State-certified engineering geologist;
- o Soil samples were collected using a modified California split-barrel sampler lined with stainless steel tubes at five foot depth intervals;
- o The samplers were washed and rinsed between sampling intervals in a soapy water wash, two tap water rinses, and a final deionized water rinse;
- o Stainless steel sample tubes were washed and rinsed prior to sample collection in a three- to five-percent sulfuric acid bath, soapy water wash, two tap water rinses and a final deionized water rinse;
- o Soil samples collected in the stainless steel tubes were lined with aluminum foil, capped with PVC end caps, secured with electrical tape, and retained for laboratory analysis. Samples were placed in insulated coolers on ice;
- o Soil samples were assigned identification numbers such as SS1-1-3, where SS indicates Strand Shopping boring number 1, and 1-3 indicates the first sampling interval, third sample tube;
- o Chain-of-Custody procedures, including the use of Chain-of-Custody forms, were used to document sample handling and transport from collection to delivery to the laboratory for analysis;
- o An Hnu Systems organic vapor meter (OVM) was used to monitor VOCs during drilling. The monitoring involved "sniffing" the annulus of the augers at selected depth intervals and measuring the VOC concentration associated with the soil sample from that depth interval. From each sampling interval, a partially-filled sample tube was capped and set aside to allow for VOCs to accumulate in the headspace above the soil. After approximately 15 to 30 minutes, the VOC concentration was measured with the OVM;
- o After drilling to a depth of approximately 22.0 feet bgs in boring SS2, the groundwater was allowed to enter the inner

annulus of the auger flights. The water recharged into the auger flights for approximately 15 to 20 minutes, at which time a water sample was collected using a teflon bailer. The turbid water sample was placed into a one liter glass sample jar. The sample jar was overfilled to minimize the volatilization of volatile organic compounds into the the headspace and allowed to settle on ice in an insulated cooler for approximately 20 minutes. A sub-sample was then placed into a smaller glass sample jar for laboratory analysis, and;

- o The bailer used for the collection of the water sample was cleaned with a soapy solution and triple rinsed with deionized water before sampling.

One soil sample from boring SS1 and one water sample from boring SS2 were analyzed by Analytical Technologies, Inc., a State-certified laboratory and Environmental Protection Agency contract laboratory in San Diego, California. The samples were analyzed for the tabulated analyses in general accordance with applicable EPA guidelines for the methods used. The analyses are listed below:

<u>Boring/Well Designation</u>	<u>Soil Analyses</u>	<u>Groundwater Analyses</u>
SS1-3-1	418.1 (mod.)	----
SS2-W	-----	8015 (mod.)

APPENDIX D
LABORATORY RESULTS



Analytical **Technologies**, Inc.

Corporate Offices 5550 Morehouse Drive San Diego CA 92121 (619) 458-9141

ATI I.D. 803111

March 14, 1988

Applied Geosciences
7910 Ivanhoe Suite 415
LaJolla, California 92037

Project Name: Strand Shopping Ltd.

Project No.: A881246

Attention: John Payne

On March 11, 1988, Analytical Technologies, Inc. received seven soil samples and one water sample for analyses. One soil sample and the water sample was analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. Please see the attached sheet for the sample cross reference.

The results of these analyses and the quality control data are enclosed.


Marcilen Lindsey
Inorganics Supervisor


Richard M. Amano
Laboratory Manager

ML:tka



ANALYTICAL SCHEDULE

CLIENT: APPLIED GEOSCIENCES
PROJECT NAME: STRAND SHOPPING LTD.

PROJECT NO.: A881246

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
PETROLEUM HYDROCARBONS	IR	EPA 418.1 (MODIFIED)
FUEL HYDROCARBONS	GC/FID	EPA 8015 (MODIFIED)



Analytical Technologies, Inc.

CLIENT : APPLIED GEOSCIENCES-LA JOLLA
PROJECT # : A881246
PROJECT NAME : STRAND SHOPPING LTD.
ATI I.D. : 803111

DATE RECEIVED : 03/11/88
REPORT DATE : 03/14/88

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	SS1-3-1	SOIL	03/11/88
02	SS2-W	WATER	03/11/88

----- TOTALS -----

MATRIX	# SAMPLES
WATER	1
SOIL	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



Analytical Technologies, Inc.

GENERAL CHEMISTRY RESULTS

ATI I.D. : 803111

CLIENT : APPLIED GEOSCIENCES-LA JOLLA
PROJECT # : A881246
PROJECT NAME : STRAND SHOPPING LTD.

DATE RECEIVED : 03/11/88

REPORT DATE : 03/14/88

PARAMETER UNITS 01

PETROLEUM HYDROCARBONS, IR MG/KG 14



Analytical Technologies, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT : APPLIED GEOSCIENCES-LA JOLLA

PROJECT # : A881246

PROJECT NAME : STRAND SHOPPING LTD.

ATI I.D. : 803111

PARAMETER	UNITS	ATI I.D.	SAMPLE DUP.		RPD	SPIKED SAMPLE	SPIKE CONC	% REC
PETROLEUM HYDROCARBONS	MG/KG	80306701	2	3	40	55	48	109

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$



Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 80311102

TEST : FUEL HYDROCARBONS (MODIFIED EPA METHOD 8015)

CLIENT	: APPLIED GEOSCIENCES-LA JOLLA	DATE SAMPLED	: 03/11/88
PROJECT #	: A881246	DATE RECEIVED	: 03/11/88
PROJECT NAME	: STRAND SHOPPING LTD.	DATE EXTRACTED	: 03/11/88
CLIENT I.D.	: SS2-W	DATE ANALYZED	: 03/12/88
SAMPLE MATRIX	: WATER	UNITS	: MG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
FUEL HYDROCARBONS	<1
HYDROCARBON RANGE	-
HYDROCARBONS QUANTITATED USING	-

APPENDIX E

HMMD HAZARDOUS WASTE CLASSIFICATION POLICY

COUNTY OF SAN DIEGO

DEPARTMENT OF HEALTH SERVICES

1700 Pacific Highway, San Diego, CA 92101



ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT PROGRAM
(619) 236-2222

March 20, 1987

TO: Environmental Consultants, Tank Contractors, Equipment Suppliers, Hazardous Waste Haulers, Air Pollution Control District, and Other Interested Parties.

RE: SAN DIEGO COUNTY POLICY REGARDING FUEL-CONTAMINATED SOIL AND GROUND WATER

Enclosed is a policy regarding the regulatory status of motor vehicle fuel-contaminated soil and groundwater in San Diego County. This policy was developed in response to the increasing number of leaky underground storage tank sites in San Diego County that have resulted in huge amounts of fuel-contaminated soil and, to a lesser extent, fuel-contaminated ground water. It is a goal of the Hazardous Materials Management Unit (HMMU) to provide a clear regulatory framework and criteria to tank owners, consultants, contractors and the general public to facilitate the environmentally sound management of contaminated soil and ground water.

A draft of this policy was reviewed by the State Department of Health Services. Although no adverse comments were received, please be advised that the enclosed policy applies only within the jurisdiction of San Diego County and does not represent policy by the State Department of Health Services.

We are hopeful that this policy will serve to encourage the use of alternative site mitigation methods in San Diego County.

Please contact me if you have any questions or comments.

Sincerely,

A handwritten signature in cursive script, appearing to read "Victoria L. Gallagher".

VICTORIA L. GALLAGHER, Program Manager
Underground Storage Tanks
Hazardous Materials Management Program

VLG:bfb

cc: Dan Avera

SUBJECT FUEL CONTAMINATED
SOIL AND GROUNDWATER

DATE ISSUED
March 3, 1987

APPROVED
Gary Stephany, Deputy Director
Environmental Health Services

BACKGROUND:

The question of what is, and what is not, a hazardous waste has not been satisfactorily answered with respect to motor vehicle fuel contamination. There are significant ambiguities and inconsistencies in State law, regulations and policies which have allowed a wide range of interpretations across the State.

The resulting confusion is particularly significant now in the Underground Storage Tank Program because of the alarming number of leaky tank sites that have soil and/or groundwater contaminated with motor vehicle fuel. In many cases contaminated soil and /or groundwater must be removed from the site or treated on site. By strict interpretation of State law and regulations, any soil and groundwater contaminated with any amount of a hazardous substance is a hazardous waste. State regulations, however, also present criteria for classifying a waste as hazardous. Waste that does not meet the criteria may still be considered hazardous.

A clear policy is needed in San Diego County to establish the level of fuel contamination in soil and groundwater that will necessitate the soil or water to be handled, treated, transported and disposed or recycled as a hazardous waste.

POLICY:

This policy applies to soil and groundwater contaminated with motor vehicle fuel leaked from underground storage tanks ("Unauthorized Releases"). This policy applies only to contamination within the jurisdiction of the San Diego County Hazardous Materials Management Unit. This policy does not establish site cleanup levels and does not address waste oil contamination.

- A. San Diego County requires the following minimum analyses be performed on soil/water contaminated with motor vehicle fuels. The analyses shall be performed using the referenced laboratory methods. Additional sampling data may be required. Sampling shall be performed in accordance with Section One, SW-846, Test Methods For Evaluation Solid Waste, Physical/Chemical Methods, U. S. Environmental Protection Agency.
1. Total Petroleum Hydrocarbons (TPH), using EPA Method 8015 (modified)
 2. Benzene, Toluene, Xylene (BTX), using EPA Method 8020
 3. Flashpoint, using Pensky-Martens Closed Cup Method
 4. Organic Lead, using EPA Method 7421
- B. Any contaminated soil and/or groundwater that meets the criteria in Article 11 of Title 22, California Administrative Code as a hazardous waste must be handled, treated, transported, disposed and/or recycled as a hazardous waste.
- C. The following additional criteria are used in San Diego County for classifying fuel-contaminated soil and/or groundwater as a hazardous

waste. B data is required in order to determine the nature of contamination (gasoline or diesel).

1. Fuel Contaminated Soil

a. TPH:

- i. Soil contaminated with gasoline or gasoline/diesel mixture with a concentration of >100mg/kg TPH, must be manifested as a hazardous waste, if transported.
 - ii. Soil contaminated with gasoline or gasoline/diesel mixture, with a concentration of >1000mg/kg TPH, must be treated as a hazardous waste
 - iii. Soil contaminated with diesel only, with a concentration of >1000 mg/kg TPH, must be handled as a hazardous waste if transported or treated.
- b. Flashpoint <140°F must be handled as a hazardous waste.
 - c. Organic lead contamination >13mg/kg must be handled as a hazardous waste.
 - d. Table 1 summarizes the criteria and agencies involved with the onsite treatment and transport of fuel-contaminated soil in San Diego County.

2. Fuel Contaminated Groundwater

- a. Any free fuel product on the surface of the groundwater must be handled as a hazardous waste.
- b. Water with > 100 mg/l TPH must be handled as a hazardous waste.

D. Contaminated soil and/or groundwater that meet the criteria of a hazardous waste as described in B or C above must comply with items 1 through 3 below, as applicable:

1. The waste must be handled, treated, transported, disposed and/or recycled as a hazardous waste.
2. If the waste is transported off-site, a copy of the completed hazardous waste manifest must be submitted to the Hazardous Materials Management Unit (HMMU) with the Unauthorized Release Report.
3. On-site treatment of the soil or groundwater must be performed under a permit, variance and/or approval as specified below:
 - a. Treatment, Storage, Disposal Facility (TSDF) permit or variance issued by the State Department of Health Service (SDOHS) is required. Fuel/water separation is not considered treatment for the purposes of this section.
 - b. On-site treatment must be approved by the HMMU and the Regional Water Quality Control Board (RWQCB).
 - c. A permit or approval maybe required from the Air Pollution Control District (APCD), Sewer District and/or local Fire Department.
 - d. All necessary approvals and permits must be obtained prior to on-site treatment.

E. Fuel-contaminated soil and/or groundwater that does not meet the criteria of a hazardous waste as presented in B or C above must comply with items E, 1-4.

1. Off-site disposal must be approved in advance by the HMMU and either the RWQCB or the Sewer District, depending on point of disposal.
 2. On-site treatment does not require a permit or variance from the SDOHS.
 3. On-site treatment must be approved by the HMMU, RWQCB and may require a permit or approval from APCD, Sewer District and/or local Fire Department.
 4. All necessary approvals and permits must be obtained prior to transport or treatment.
- F. This policy, as it relates to contaminated soil, is summarized in Table 1.

TABLE 1

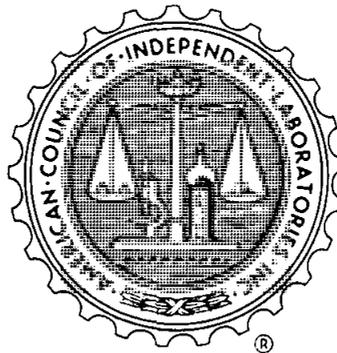
CRITERIA AND REVIEWING AGENCIES ASSOCIATED WITH ONSITE TREATMENT AND TRANSPORT OF FUEL CONTAMINATED SOIL IN SAN DIEGO COUNTY

CRITERIA	TRANSPORT		TREATMENT	
	Gasoline	Diesel	Gasoline	Diesel
TPH				
0-100 mg/kg	Local	Local	Local	Local
101-1000 mg/kg	SDOHS	Local	Local	Local
>1000 mg/kg	SDOHS	SDOHS	SDOHS	SDOHS
Organic				
0-13 mg/kg	Local	Local	Local	Local
Lead				
>13 mg/kg	SDOHS	SDOHS	SDOHS	SDOHS
Flash Point				
>140°F	Local	Local	Local	Local
<140°F	SDOHS	SDOHS	SDOHS	SDOHS

- 1) TPH = Total Petroleum Hydrocarbon
- 2) Local = Approval/permits are required from HMMU, RWQCB and as necessary from the Fire Department, APCD, and Sewer District.
- 3) SDOHS = State Department of Health Services. Transport requires a hazardous waste manifest. Treatment requires a permit or variance from SDOHS and local approvals as necessary.
- 4) Representative laboratory data for TPH, BTX, Organic Lead and FlashPoint must be provided. Soil contaminated with both gasoline and diesel shall use the criteria for gasoline.



American Engineering Laboratories, Inc.



H 26463

HAZARDOUS MATERIALS INVESTIGATION
INITIAL SUBSURFACE STUDY
SILVER STRAND PLAZA
NORTHEAST CORNER OF RAINBOW DRIVE AND PALM AVENUE
IMPERIAL BEACH, CALIFORNIA

600 PALM AV. 92032

PREPARED FOR:
DEL MAR PARTNERSHIP
12702 VIA CORTINA, SUITE 104
DEL MAR, CALIFORNIA 92014
259-0903

JOB NO. G-6038

FEBRUARY 17, 1988



San Diego
Modesto
Corona
Palm Desert

American Engineering Laboratories, Inc.

DEL MAR PARTNERSHIP
12702 Via Cortina, Suite 104
Del Mar, California 92014

February 17, 1988
Job No. G-8039A

Attention: Ms. Vicki Clavell

SUBJECT: Hazardous Materials Investigation (HMI)
Initial Subsurface Study
SILVER STRAND PLAZA
Northeast Corner of Rainbow Dr. & Palm Avenue
Imperial Beach, California

Dear Ms. Clavell:

We are pleased to present the results of our Initial Subsurface Investigation of the subject site. The purpose of this study was to assess the potential of petroleum hydrocarbons being present within the soil at the site. This study was performed in accordance with our proposal No. 88-05, dated February 3, 1988.

Based on background information supplied by you and our investigation, it appears that an old Service Station existed previously on the southwest corner of the subject site. It also appears that three underground storage tanks were removed and the excavation backfilled with a granular soil. An asphaltic concrete parking lot presently covers the area. Referenced plans for the Service Station were utilized to determine the location of the old underground storage tanks such that borings could be located in a zone of potential contamination.

Based on the results of our drilling and sampling program it appears there is soil contamination at the subject site. A strong petroleum odor was detected at a depth of 14.0 feet below the parking lot surface in borings 1, 2 and 3. Boring 4 appeared to be located in native soil and was abandoned at a depth of 3 feet. Organic Vapor Meter (OVN) readings increased significantly with depths below 14 feet to slightly above the groundwater table located at approximately 18 feet below grade. To define the extent of soil and groundwater fuel contamination at the site, we recommend additional borings and groundwater monitoring wells to be installed adjacent to the old tank excavation area.

HMI/Initial Subsurface Study
SILVER STRAND PLAZA
Imperial Beach, California

Page 2
February 17, 1988
Job No. G-6039

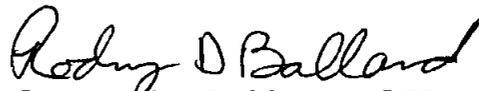
Based on our discussions with you on February 18, 1988, it appears that an underground waste oil tank may have been located to the north of the Service Station. Study of the waste oil tank area is beyond the scope of our investigation and should be addressed during the groundwater monitoring program.

The accompanying report presents our findings to date, and the limitations of our study.

We appreciate the opportunity to be of service to you on this and future projects. If you have any questions regarding this report, please contact us at your earliest convenience.

Respectfully submitted,
AMERICAN ENGINEERING LABORATORIES


Steven C. Geyer
Project Engineer


Rodney D. Ballard, RCE 43345
Environmental Department Manager

Enclosure

cc: Mr. Larry Oberti
Department of Health Services (HMMD)
Mr. Scott Hugenberger
Regional Water Quality Control Board

SCG:RDB:ksf

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ENCLOSURES:

Vicinity Map	Figure 1
Site Plan	Figure 2
Boring Location Map	Figure 3
Boring Logs	Plates 1-4
Symbols and Terms Used on Boring Logs	Plate 5
Unified Soil Classification	Plate 6

Appendix A - Contacts and References
Appendix B - Laboratory Test Results

1.0 INTRODUCTION

This report presents the results of our initial subsurface investigation regarding the soil conditions at the subject site. The purpose of the investigation was to perform an initial subsurface investigation and laboratory testing program to assess the chance that fuel contamination may be present in the soil beneath the site previously occupied by a Texaco Service Station.

2.0 DESCRIPTION

2.1 General

During the investigation, inquiries were made at appropriate municipal, county, and state agencies. Agencies that were contacted include the Regional Water Quality Control Board, the San Diego County Health Services Department, the California Department of Health Services and the California Department of Health Services Toxic Substances Control Division.

Texaco Service Station construction plans for the subject site were examined. Information from all aspects of the investigation, including the field reconnaissance, was evaluated

to assess the potential for the existence of petroleum hydrocarbon contamination in the soil at the site.

2.2 Site Description

The subject site consists of the area encompassed by a former Service Station located on the northeast corner of Rainbow Drive and Palm Avenue (Silver Strand Plaza) in Imperial Beach, California.

3.0 SUBSURFACE INVESTIGATION

3.1 General

Based on our review of the referenced plans, an initial sampling and testing program was developed and implemented. Samples were collected, labeled, logged and shipped to a State certified hazardous waste laboratory for analysis.

One soil sample was collected from exploratory boring number 2, while two soil samples were collected from each of borings 1 and 3. Groundwater sampling and analysis was beyond the scope of our investigation and may be considered during a second phase. The maximum excavation depth was 21.5 feet below adjacent grade. The soil samples were analyzed for fuel hydrocarbons using a modified EPA Test Method 8015 analysis.

A detailed description of the program and its results are contained herein. The findings; results and conclusions of our study are based on the data obtained from review of the referenced plans, field reconnaissance and laboratory testing.

3.2 Field Investigation

3.2.1 General

Drilling and soil sampling was performed under the supervision of AMERICAN ENGINEERING LABORATORIES (AEL). All of the borings were logged by a project engineer from AEL. The location of the borings are shown on the attached Site Plan, Figure 2.

The field investigation performed on February 5, 1988 included a review of available plans for the site, a visual reconnaissance of the existing surface conditions, subsurface exploration drilling, and obtaining representative samples for laboratory analysis.

3.2.2 Geologic Setting

The project area lies near the boundary of the Peninsular Ranges and off-shore Continental Borderland physiographic provinces. Both of the provinces are characterized by mountain ranges and intervening basins separated by steeply dipping, north to northwest trending normal and strike-slip faults.

As portrayed by Kennedy (1975), the subject area lies within the San Diego Embayment sedimentary basin which contains over 2,000 feet of Upper Cretaceous, Tertiary, Quaternary sediments and is underlain by a crystalline basement complex of Mesozoic geologic-age.

The Bay Point Formation of Pleistocene geologic-age is the uppermost geologic unit in the study area. This formation consists of poorly consolidated marine and non-marine sediments. As encountered in the vicinity of this investigation, it is composed of sands, silts and granular soil. Other workers in the San Diego area have found evidence that minor, inactive faults may offset Pleistocene sediments. Minor faults in the area do not appear likely to effect the flow of groundwater or the transport of contaminants at the site.

3.2.3 Groundwater Conditions

Unconfined, or water table groundwater flow conditions are present in the Bay Point Formation sediments beneath the project site. The depth to the groundwater surface as measured in the borings is approximately 18.0 feet below adjacent finish grade.

3.2.4 Drilling and Soil Sampling

Subsurface conditions were explored by drilling four, eight inch diameter borings to depths ranging from 3 to 21.5 feet with a

Mobil B-51 Drilling Rig. Soil samples were collected at selected depths based on Organic Vapor Meter (OVM) screening of the soil. All of the borings were drilled with a hollow stem flight auger. The auger flights used with the Mobil drilling rig had an outside diameter of eight inches, and were five feet long. The augers and other drilling equipment were steam cleaned prior to drilling and were cleaned after each auger boring was completed.

A retractable plug was installed into the hollow stem flight auger to prevent soil from entering the auger flights during drilling. The plug is affixed to the lower end of a rod that fits within the hollow auger flights. When a target depth is reached the plug is replaced by a Standard Penetration Drive Sampler which is lowered to the bottom of the boring. The sampler is then driven into the soil for a distance of approximately 18 inches. The Standard Penetration Sampler has an outside diameter of approximately 2.0 inches and an inside diameter of 1-3/8 inches. The sampler was driven by repeatedly raising a 140 pound hammer to a height of 30 inches and dropping it on the upper end of the rod until the sampler has advanced 18 inches.

The final 12 inches of penetration was recorded on the boring logs in blows per foot. This blow count is generally used to provide a measure of soil strength and bearing capacity as it relates to the soil consistency or condition. It is defined on the Symbols and Terms Chart and used on the boring logs.

The Standard Penetration Sampler consists of an outer sample barrel and an inner, thin walled cylinder. As soil was forced into the sampler by the driving action described above, a soil sample was collected in the chamber. After removal from the boring and detachment from the rod, the sampler was dismantled and the soil was transferred from the chamber to a brass sampling sleeve of 2 inches in diameter by 6 inches long. The sample was sealed by covering the ends with tin foil, placing plastic end caps over the foil, and securing the caps with duct tape. The samples were then labeled and placed in cold storage until delivery to the analytical laboratory.

Soil from the chamber was examined in the field and visually logged based on the Unified Soil Classification System. To avoid cross contamination between samples and boreholes, all sampling equipment was washed between uses with water and TSP brand soap solution and rinsed twice with tap water. Chain of custody procedures were followed and copies of the forms are included in Appendix B.

Selected soil samples were monitored for the presence of hydrocarbon vapors using a Photovac Tip I photoionization detector (P.I.D.), also known as an OVM. The Photovac Tip utilizes a 10.6 eV ultraviolet lamp to detect potential hydrocarbon vapors during sampling. Head space measurements were

performed by collecting a sample of soil (200-300 grams) and placing it into a one quart resealable plastic baggie. The plastic baggie was sealed, and the sample disaggregated and allowed to equilibriate in the air space (head space in the baggie) for approximately two to three minutes. A corner of the baggie was then opened and the OVM probe was inserted into the top using care to reduce the potential loss of volatiles. The OVM display, in parts per million (ppm) relative to isobutylene, was observed until an approximately stable reading was obtained and recorded.

4.0 LABORATORY TESTING

Soil samples were selected and analyzed for the presence of fuel hydrocarbons in accordance with EPA Test Method 8015 modified for fuel analysis (gas Chromatography/flame ionization detection). The laboratory test results are presented in the attached boring logs, Plates 1 through 4. The detailed laboratory test report and quality control data are presented in Appendix B.

5.0 CONCLUSIONS

5.1 Areas of Potential Contamination

Based on the results of our initial subsurface investigation, it appears that the area of the former underground tank excavation at the subject site has fuel hydrocarbon contamination. The

referenced plans indicate that three underground tanks were located on the northeast corner of Rainbow Drive and Palm Avenue, approximately 100 feet northeast from the curb. Documentation for the removal of the underground tanks and/or contaminated soil was not available.

A strong petroleum odor was noted from approximately 14 feet to 18.0 feet in depth below grade for borings 1, 2 and 3. OVM readings increased significantly with depth in these borings. Fuel hydrocarbon analysis of the soil using EPA Test Method 8015 are presented in the table below:

<u>Boring #/Depth (feet.)</u>	<u>Soil Contamination (ppm)*</u>
B1 @ 10'	< 5 **
B1 @ 16'	71
B2 @ 17'	81
B3 @ 17'	820
B3 @ 18'	32

* = Parts per Million (ppm) fuel hydrocarbon contamination analyzed using EPA Test Method 8015.

** = Below detection limits

The affect of the above mentioned contamination on the local groundwater table, located at approximately 18.0 feet, has not been determined. A groundwater contamination study was beyond the scope of this investigation.

6.0 RECOMMENDATIONS

The following general recommendations are based on the findings and conclusions of this investigation.

- A) A groundwater monitoring program with additional subsurface borings should be implemented to determine the extent of soil contamination and its effect on the local groundwater table. This program may consist of a minimum of three groundwater monitoring wells surrounding the site to assess the extent of potential groundwater contamination.
- B) A qualified geologist and/or engineer should be present during excavation of potentially contaminated areas to assess the extent and handling requirements of contaminated soils. An OVM should be used to prescreen areas of potential contamination and continuously monitor the site excavation. Analytical testing should be used to substantiate OVM readings.
- C) The findings of this report should be submitted to the Hazardous Materials Management Division (HMMD) of the San Diego County Department of Health Services.

7.0 INVESTIGATION LIMITATIONS

This investigation was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by reputable soils engineers and geologists practicing in this or similar locations. No other warranty, expressed or implied, is made as to the conclusions and professional advice included in this report.

The samples taken and used for testing and the observations made are believed representative of the entire project; however, soil and geologic conditions as well as groundwater conditions can vary significantly between borings and surface conditions.

As in most projects, conditions revealed by excavation may be at variance with preliminary findings. If this occurs, the changed conditions must be evaluated by the Project Soils Engineer and Geolgoist and designs adjusted as required or alternate designs recommended.

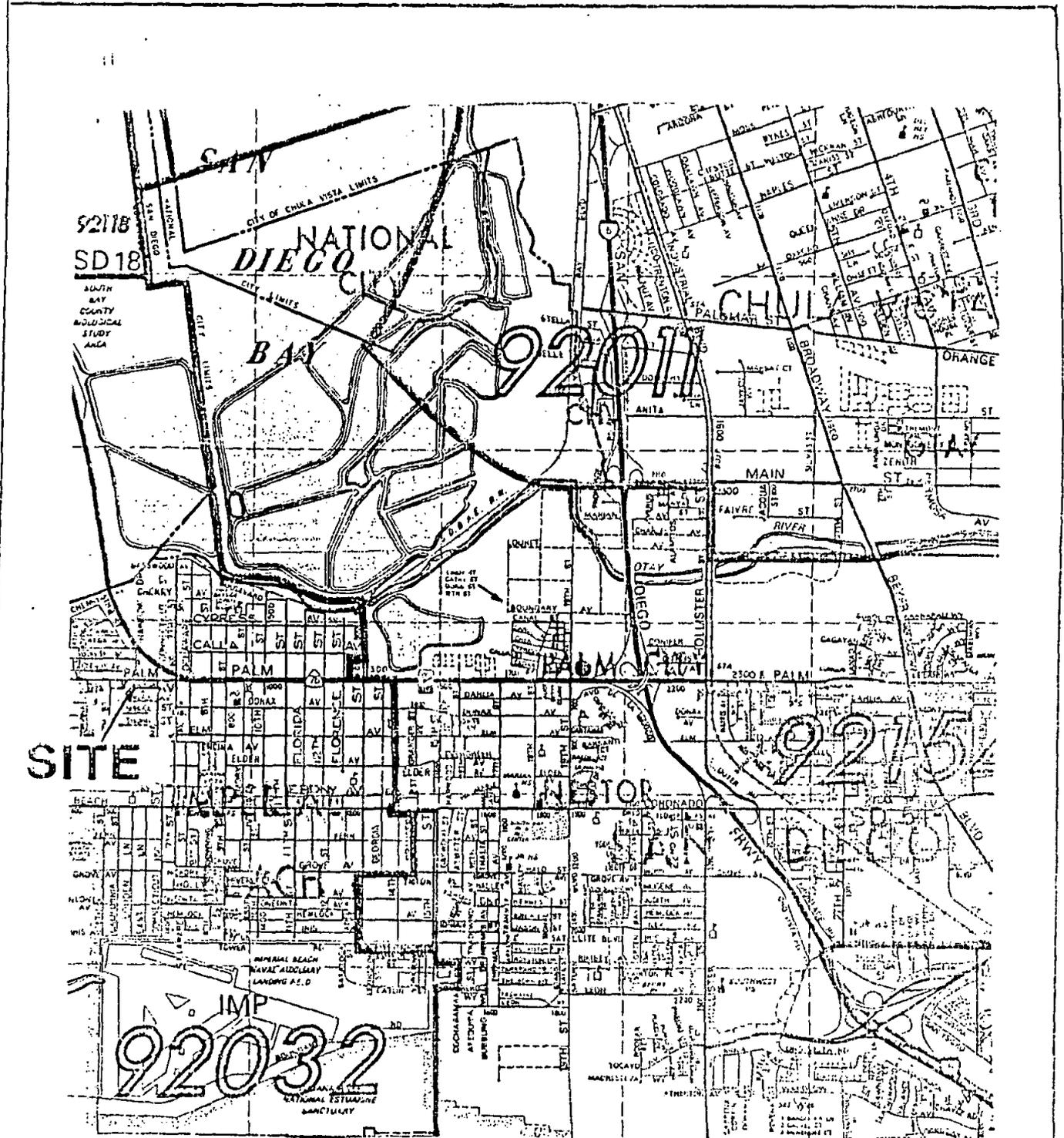
This report is issued with the understanding that it is the responsibility of the owner, or of his representative, to ensure that the information and recommendations contained herein are brought to the attention of the regulatory agencies as may be required by law.

HMI/Initial Subsurface Study
SILVER STRAND PLAZA
Imperial Beach, California

Page 11
February 17, 1988
Job No. G-8039

The findings of this report are valid as of the present date. however, changes in the conditions of a property can occur with the passage of time. Whether they be due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation or the broadening of knowledge. Therefore, the findings of this report may be wholly or partially invalidated by changes outside of our control.

American Engineering Laboratories

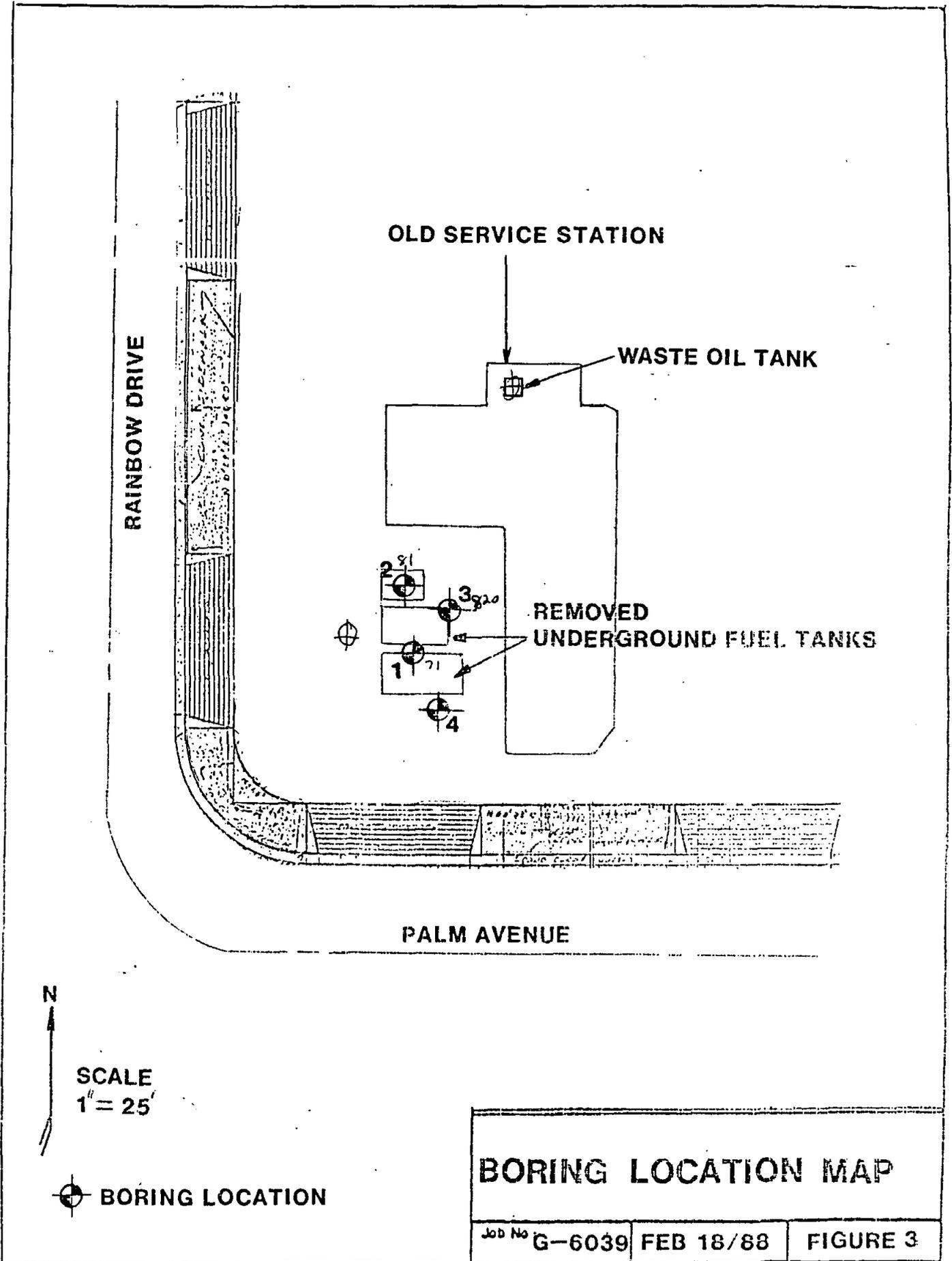


1/2 MILE FROM BAY

Water Area 10.29
Degraded Watershed

VICINITY MAP

JUD REC	G-6039	FEB 18/88	FIGURE 1
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American Engineering Laboratories

BORING LOG

Project: SILVER STRAND PLAZA Date: 2-5-88 Core No: 1
 Equipment: B-51 Mobil Core Diameter: 8" H.S.A. Elevation: _____
 Ground Water: 18' Logged by: SCG

Job No: G-6039

DEPTH (FT)	SYMBOL	FIELD DESCRIPTION	ELOG'S/FT	SAMPLE	OMV (ppm)*	EPA 8015 (ppm)
		0-0.30 <u>ASPHALT</u>				
2	SW	0.3-5.0 <u>LOOSE WELL GRADED SAND WITH GRAVEL (FILL):</u> Reddish brown, gravel to 1" diameter				
4	SW	5.0-14.0 <u>LOOSE WELL GRADED SAND (FILL):</u> Tan grey; fiberglass fragments; 3" shards (pipe or tank fragments)	6	SP		
6						
8						
10			13	SP	---	< 5
12						
14	ML	14.0-21.5 <u>MEDIUM DENSE SILT:</u> Grey brown mottled tan; petroleum odor detected at 16.0'; poorly graded sand lense between 18.0' to 19.0'.	28	SP		71
16						
18						
20		Groundwater table: Fine to Medium Sand, no petroleum odor	50	SP		
22		----- BORING TERMINATED AT 21.5 FEET				
24						

* Organic Vapor Meter calibrated to 100 parts per million (ppm)

Isobutylene

American Engineering Laboratories

BORING LOG

Project: SILVER STRAND PLAZA Date: 2-5-88 Core No: 2
 Equipment: B-51 Mobil Core Diameter: 8" H.S.A. Elevation: _____
 Ground Water: 17.5' Logged by: SCG

Job No: G-6039

DEPTH (FT)	SYMBOL	FIELD DESCRIPTION	BLOWS/FT	SAMPLE	OVM (ppm)*	EPA 8015 (ppm)
		0-0.3 <u>ASPHALT</u>				
2	SW	0.3-14.0 <u>LOOSE WELL GRADED SAND WITH GRAVEL (FILL):</u> Reddish brown, gravel to 1" diameter.				
4						
6						
8						
10						
12			28	SP		
14	ML	14.5-21.5 <u>MEDIUM DENSE SILT:</u> Mottled grey brown; petroleum odor detectable at 14.5' becoming stronger at 16.5' and very strong at 17.0' to 18.5'	50	SP	1100	81
16						
18			50	SP		
20		Groundwater Table: Fine to Medium Sand; no petroleum odor	35	SP		
22		----- BORING TERMINATED AT 21.5 FEET				

GW -

* Organic Vapor Meter calibrated relative to 100 parts per million (ppm) Isobutylene

American Engineering Laboratories

BORING LOG

Project: SILVER STRAND PLAZA Date: 2-5-88 Core No: 3
 Equipment: B-51 Mobil Core Diameter: 8" H.S.A. Elevation: _____
 Ground Water: 17.5' Logged by: SCG

Job No: G-6039

DEPTH (FT)	SYMBOL	FIELD DESCRIPTION	BLOWS/FT	SAMPLE	OVM (ppm)*	EPA 8015 (ppm)
		0-0.3 <u>ASPHALT</u>				
2	SW	0.3-14.0 <u>LOOSE WELL GRADED SAND WITH GRAVEL (FILL)</u> : Reddish brown gravel to 1" diameter; fiberglass fragments at 9.0 feet.				
4						
6						
8						
10			18	SP		
12						
14	ML	14.0-21.5 <u>MEDIUM DENSE SILT</u> : Grey mottled tan; petroleum odor detected at 15.5' becoming stronger at 16.0' to highly concentrated at 17.0' to 18.5'; 18.0 to 18.5' lense of poorly graded sand				
16			35	SP	1800	820
18			47	SP		32
20						
22		BORING TERMINATED AT 21.5 FEET				

GW

*Organic Vapor Meter calibrated relative to 100 ppm Isobutylene

American Engineering Laboratories

BORING LOG

Project: SILVER STRAND PLAZA Date: 2-5-88 Core No: 4
 Equipment: B-51 Mobil Core Diameter: 8" H.S.A. Elevation: _____
 Ground Water: Not Encountered Logged by: _____ SCG

Job No: G-6039

DEPTH (FT)	SYMBOL	FIELD DESCRIPTION	FLOWS/FT	SAMPLE	DRY DENSITY (PCF)	MOISTURE CONTENT (%)
		0-0.3 <u>ASPHALT</u>				
2	SW	0.3- 3.0 <u>SILTY SAND (NATIVE)</u> : Reddish brown				
4		BORING TERMINATED AT 3.0 FEET				
6						
8						
10						
12						
14						

American Engineering Laboratories

SYMBOLS AND TERMS USED ON BORING LOGS

SAMPLER TYPES

(Shown in *SAMPLE* column)



TERMS DESCRIBING CONSISTENCY OR CONDITION

COARSE GRAINED SOILS (major portion retained on No. 200 sieve): Includes (1) clean gravels and sands, and (2) silty or clayey gravels and sands. Condition in the following table is based on our interpretation of blow counts using a hammer as noted on the boring log.

DESCRIPTIVE TERM	SPT VALUES, N blows per 12 in. (After Terzaghi & Peck, 1968)
Very loose	0 to 4
Loose	4 to 10
Medium-dense	10 to 30
Dense	30 to 50
Very dense	>50

FINE GRAINED SOILS (major portion passing No. 200 sieve): Includes (1) inorganic and organic silts and clays, (2) gravelly, sandy, or silty clays, and (3) clayey silts. Consistency is rated according to shearing strength, as indicated by penetrometer readings or by unconfined compression tests.

DESCRIPTIVE TERM	UNDRAINED SHEAR STRENGTH KIPS / SQ FT
Very soft	less than 0.25
Soft	0.25 to 0.50
Firm	0.50 to 1.00
Stiff	1.00 to 2.00
Very stiff	2.00 to 4.00
Hard	4.00 and higher

NOTE: Fissured clays may have lower unconfined compressive strengths than shown above, because of planes of weakness or cracks in the soil. The consistency ratings of such soils are based on penetrometer readings.

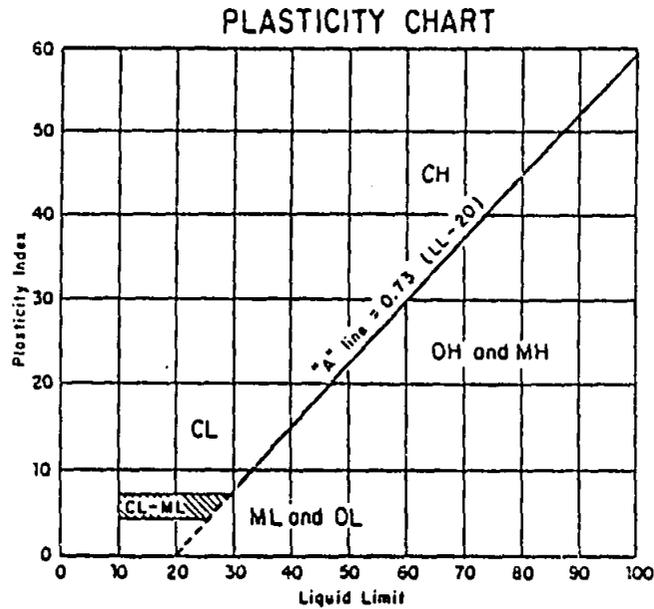
TERMS CHARACTERIZING SOIL STRUCTURE

Fissured	— containing shrinkage cracks, frequently filled with fine sand or silt, usually more or less vertical
Interbedded	— composed of alternate layers of different soil types
Calcareous	— containing 12 to 50 percent calcium carbonate
Carbonate	— containing more than 50 percent calcium carbonate
Well graded	— having wide range in grain sizes and substantial amounts of all intermediate particle sizes
Poorly graded	— predominately of one grain size, or having a range of sizes with some intermediate size missing

Terms used in this report for describing soils according to their texture or grain size distribution are in accordance with the UNIFIED SOIL CLASSIFICATION SYSTEM, as described in Technical Memorandum No. J-357, Waterways Exp. Sta., 3/53

American Engineering Laboratories

UNIFIED SOIL CLASSIFICATION



COARSE-GRAINED SOILS (More than half of material is larger than No. 200 sieve size)	GROUP SYMBOL	TYPICAL NAMES
	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
	GP	Poorly graded gravels, gravel-sand mixtures, little or no fines
	GM	Silty gravels, gravel-sand-silt mixtures
	GC	Clayey gravels, gravel sand-clay mixtures
	SW	Well-graded sands, gravelly sands, little or no fines
	SP	Poorly graded sands, gravelly sands, little or no fines
	SM	Silty sands, sand-silt mixture
	SC	Clayey sands, sand-clay mixtures

FINE-GRAINED SOILS (More than half of material is smaller than No. 200 sieve)	GROUP SYMBOL	TYPICAL NAMES
	ML	Inorganic silts and very fine sands, rock flour silty or clayey fine sands, or clayey silts with slight plasticity
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	OL	Organic silts and organic silty clays of low plasticity
	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
	CH	Inorganic clays of high plasticity, fat clays
	OH	Organic clays of medium to high plasticity, organic silts
	Pt	Peat and other highly organic soils

NOTE: 1) Group symbol presented in *SYMBOL* column on *BORING LOG*.
 2) The "A" line is an empirical relationship established by A. Casagrande.

APPENDIX A

Contacts and References

- 1) Mr. Scott Hugenberger
Regional Water Quality Control Board
- 2) Ms. Vicki Gallager
Hazardous Materials Management Division (HMMD)
Department of Health Services
- 3) Site Plan for Texaco Service Station
Northeast corner of Rainbow Drive and Palm Avenue
Imperial Beach, California
- 4) List of Active and Completed landfills in San Diego County
San Diego County Solid Waste Department
- 5) HMMD Records
- 6) SDOHS Records
- 7) Comprehensive Water Quality Control Plan for San Diego
Basin 1975 and Amendment through December 1985 State Water
Resources Control Board
- 8) Department of Water Resources
- 9) Expenditure Plan for the Hazardous Substances Clean Up
Bond Act of 1984, Revised January 1987, Revision No. 2,
Department of Health Services, Toxic Substances Control
Program.
- 10) California Department of Health Services, Abandoned Site
Information System Facility Summary Report, San Diego
County, March 26, 1986.
- 11) U.S., EPA Office of Emergency and Remedial Response
CERCLIS V 1.2 L.8 Site/Event Status Listing.

APPENDIX B



Analytical **Technologies, Inc.**

Corporate Offices 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D. 802050

February 12, 1988

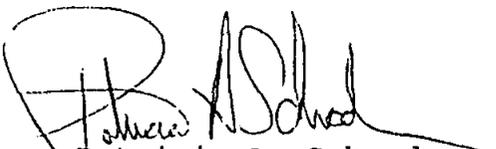
American Engineering Laboratories
7940 Arjons Drive, Ste A
San Diego, California 92126

Project Name: Silver Strand

Attention: Steven Geyer

On February 5, 1988, Analytical Technologies, Inc. received thirteen soil samples for analyses. Four samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. Please see the attached sheet for the sample cross reference.

The results, sample cross reference, and the quality control data are enclosed.


Patricia A. Schroder
GC Supervisor

PAS:bc


Richard M. Amano
Laboratory Manager



ATI I.D. 802050

ANALYTICAL SCHEDULE

CLIENT: AMERICAN ENGINEERING LABORATORIES
PROJECT NAME: SILVER STRAND

PROJECT NO.: (NONE)

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
FUEL HYDROCARBONS	GC/FID	EPA 8015 (modified)

CLIENT : AMERICAN ENGINEERING LABORATORIES
PROJECT # : (NONE)
PROJECT NAME : SILVER STRAND
ATI I.D. : 802050

DATE RECEIVED : 02/05/88
REPORT DATE : 02/12/88

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	B1 @ 16'	SOIL	02/05/88
02	B2 @ 17'	SOIL	02/05/88
03	B3 @ 17'	SOIL	02/05/88
04	B3 @ 18'	SOIL	02/05/88

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	4

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 80205001

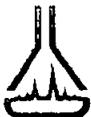
TEST : FUEL HYDROCARBONS (MODIFIED EPA METHOD 8015)

CLIENT	: AMERICAN ENGINEERING LABORATORIES	DATE SAMPLED	: 02/05/88
PROJECT #	: (NONE)	DATE RECEIVED	: 02/05/88
PROJECT NAME	: SILVER STRAND	DATE EXTRACTED	: 02/08/88
CLIENT I.D.	: B1 @ 16'	DATE ANALYZED	: 02/11/88
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS 71
HYDROCARBON RANGE C9-C14
HYDROCARBONS QUANTITATED USING GASOLINE



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 80205002

TEST : FUEL HYDROCARBONS (MODIFIED EPA METHOD 8015)

CLIENT	: AMERICAN ENGINEERING LABORATORIES	DATE SAMPLED	: 02/05/88
PROJECT #	: (NONE)	DATE RECEIVED	: 02/05/88
PROJECT NAME	: SILVER STRAND	DATE EXTRACTED	: 02/08/88
CLIENT I.D.	: B2 @ 17'	DATE ANALYZED	: 02/11/88
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS 81
HYDROCARBON RANGE C9-C14
HYDROCARBONS QUANTITATED USING GASOLINE



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 80205003

TEST : FUEL HYDROCARBONS (MODIFIED EPA METHOD 8015)

CLIENT	: AMERICAN ENGINEERING LABORATORIES	DATE SAMPLED	: 02/05/88
PROJECT #	: (NONE)	DATE RECEIVED	: 02/05/88
PROJECT NAME	: SILVER STRAND	DATE EXTRACTED	: 02/08/88
CLIENT I.D.	: B3 @ 17'	DATE ANALYZED	: 02/11/88
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS 820
HYDROCARBON RANGE C7-C14
HYDROCARBONS QUANTITATED USING GASOLINE



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 80205004

TEST : FUEL HYDROCARBONS (MODIFIED EPA METHOD 8015)

CLIENT	: AMERICAN ENGINEERING LABORATORIES	DATE SAMPLED	: 02/05/88
PROJECT #	: (NONE)	DATE RECEIVED	: 02/05/88
PROJECT NAME	: SILVER STRAND	DATE EXTRACTED	: 02/08/88
CLIENT I.D.	: B3 @ 18'	DATE ANALYZED	: 02/11/88
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
FUEL HYDROCARBONS	32
HYDROCARBON RANGE	C9-C14
HYDROCARBONS QUANTITATED USING	GASOLINE



Analytical Technologies, Inc.

San Diego • Phoenix • Seattle

Chain of Custody

DATE 2/5/88 PAGE 1 OF 2

PROJ. MGR. <u>Steven Geyer</u>					ANALYSIS REQUEST														NUMBER OF CONTAINERS				
COMPANY <u>American Engineers, Inc. Lab</u>					BASE/NEU/ACID CMPDS. GC/MS/ 525/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418	8015	PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLIC/STLC	EP TOX METALS (8)		SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE		
ADDRESS <u>7940 Arroyo Drive SW San Diego, CA</u>																							
SAMPLERS (SIGNATURE) <u>He. Geyer</u>					(PHONE NO.) <u>695-3730</u>																		
SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.																			
B1@ 5'	2/5/88	11:00am	Soil																				
B1@ 10'																				
B1@ 15'																				
B1@ 16'																X				
B1@ 20'																				
B2@ 10'	..	1:00pm	..																				
B2@ 16'																				
B2@ 17'																X				
B2@ 19'																				

PROJECT INFORMATION		SAMPLE RECEIPT		RELINQUISHED BY 1.		RELINQUISHED BY 2.		RELINQUISHED BY 3.	
PROJECT: <u>Silver Strand</u>	TOTAL NO. OF CONTAINERS			(Signature) <u>Steven Geyer</u>	(Time) <u>2/5</u>	(Signature)	(Time)	(Signature)	(Time)
PO NO.	CHAIN OF CUSTODY SEALS			(Printed Name) <u>NEEL</u>	(Date)	(Printed Name)	(Date)	(Printed Name)	(Date)
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD			(Company)		(Company)		(Company)	
VIA:	CONFORMS TO RECORD			RECEIVED BY 1.		RECEIVED BY 2.		RECEIVED BY (LABORATORY) 3.	
SPECIAL INSTRUCTIONS/COMMENTS: <u>Save Samples on Ice</u>				(Signature)	(Time)	(Signature)	(Time)	(Signature)	(Time)
				(Printed Name)	(Date)	(Printed Name)	(Date)	(Printed Name)	(Date)
				(Company)		(Company)		(Company)	



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 2 DATE 8/17/10
PERMIT# 153312 BUS. CODE K10
TIME START 4:20 END 5:30
SPECIALIST Fuentesilla
INSPECTION CONTACT
WM Aufderheide
TITLE owner
PHONE (619) 429-7387

BUSINESS NAME Seacoast Pet Clinic
ADDRESS 600 PALM ave. # 103
CITY/ZIP IB 91932

On the above date, the County inspected your business under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

- Y* N/A* NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.
Unified Program Facility Permit current
Hazardous Materials Business Plan available
Employee training is adequate
Waste disposal records available for review
Emergency contacts current Updated today
Chemical inventory/map current Updated today
Permit Expires on: 11/30/10
Contingency Plan available LQG SQG
Employee training records available
Universal waste managed properly
Waste containers closed labeled
Waste containers in good condition

Consent to inspect granted by: [X] Inspection Contact [] Other:

RECEIVED SEP 02 2010

Routine Inspection

Facility is a clinic for Dogs, cats & Rabbit & pocket pets.

Business owner M. Aufderheide confirmed the Medical waste; pharmaceutical waste, Silver waste & sharp waste.

Label the container for pharmaceutical waste with words: "For incineration" only.

Note label affixed to container during this inspection

This is an annual certification that the Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

PRINTED NAME OF BUSINESS REPRESENTATIVE WILLIAM M AUFDERHEIDE

DATE SIGNED 8/17/10

SIGNATURE OF BUSINESS REPRESENTATIVE [Signature]

TITLE OF BUSINESS REPRESENTATIVE DUM

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (619) 338-2222 Toll Free: (800) 253-9933 http://www.sdcdeh.org



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT MEDICAL WASTE GENERATORS

PERMIT # 153312
DATE 8/17/10
PAGE 2 OF 2

FACILITY ADDRESS: 600 Palm Ave. # 103 ZIP: 91932

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2231 or your Specialist if you have any questions.

STORAGE AND LABELING

Viol #	V VIOLATION DESCRIPTION
<input type="checkbox"/>	4201 UPF Permit not obtained. 117705, 68.905
<input type="checkbox"/>	4202 Medical waste (MW) not separated from other waste at the point of origin. 118275
<input type="checkbox"/>	4203 Enclosure or designated accumulation area for MW containers not secured. 118307, 118310
<input type="checkbox"/>	4204 MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. 118310
<input type="checkbox"/>	4205 Medical SOLID WASTE not secured to deny access to unauthorized persons. 68.1211
<input type="checkbox"/>	4206 Spill of MW not properly cleaned up. 118300
<input type="checkbox"/>	4207 Sharps not stored in approved and properly marked sharps container. 118285(a)(d)
<input type="checkbox"/>	4208 Full sharps container not taped closed or tightly-lidded to preclude loss of contents. 118285(b)
<input type="checkbox"/>	4209 Primary containers accumulating MW not labeled with generator's name, address, and phone number. 68.1205
<input type="checkbox"/>	4210 Medical waste not stored in approved and properly marked red bags. 118275
<input type="checkbox"/>	4211 Red bags not tied off to prevent leakage/expulsion of contents during handling and storage. 118280(a)
<input type="checkbox"/>	4212 Red bags not containerized in rigid, leak resistant, and covered containers or bins. 118280(b)
<input type="checkbox"/>	4213 Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. 118280(b)
<input type="checkbox"/>	4214 Reusable containers/bins for MW storage not kept clean/sanitary. 118295, 118305
<input type="checkbox"/>	4215 Frozen (0°C/32°F) MW stored >90 days. 118280(d)(2)
<input type="checkbox"/>	4306 Full sharps container stored >30 days at >0°C. 118285(c)
<input type="checkbox"/>	4307 Red bag waste stored >7 days at >0°C (for generators of >20lbs/month). 118280(d)(1)(A)
<input type="checkbox"/>	4308 Red bag waste stored >30 days at >0°C (for generators of <20lbs/month). 118280(d)(1)(B)
<input type="checkbox"/>	4219 MW interim storage area not marked with warning sign or a biohazard symbol legible from 5 feet. 118307, 118310
<input type="checkbox"/>	4220 MW interim storage area not properly secured. 118307

TREATMENT AND DISPOSAL

<input type="checkbox"/>	4251 MW treated by unapproved method/procedure. 118215
<input type="checkbox"/>	4252 Standardized written operating procedures for steam sterilization not available. 118215(2)(A)
<input type="checkbox"/>	4253 Recording thermometer not calibrated annually. 118215(2)(B)
<input type="checkbox"/>	4254 No records of annual thermometer calibration checks onsite for at least the past 3 years. 118215(2)(B)
<input type="checkbox"/>	4255 Heat-sensitive tape/other approved method not used for each load treated onsite. 118215(2)(C)
<input type="checkbox"/>	4256 Monthly biological indicator or other approved method not used to confirm proper disinfection. 118215(2)(D)
<input type="checkbox"/>	4257 Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. 118215(2)(B)
<input type="checkbox"/>	4258 Treatment records/logs of dates, time, and temperature not available for 3 years. 118215(2)(E)
<input type="checkbox"/>	4259 Disposal of untreated MW to an unauthorized point. 118340

TRANSPORTATION REQUIREMENTS

Viol #	V VIOLATION DESCRIPTION
<input type="checkbox"/>	4260 Transportation of MW without State Hauler Registration or a Limited Quantity Hauler Exemption (LQHE) from HMD. 118025
<input type="checkbox"/>	4304 No LQHE for "self-hauled" medical waste (<20 pounds of medical waste generated per week). 118025, 118030(a)(1)
<input type="checkbox"/>	4305 LQHE not renewed annually as required. 118030(b)
<input type="checkbox"/>	4311 Medical waste tracking documents not in vehicle transporting medical waste. 118040(c)
<input type="checkbox"/>	4312 Medical waste tracking documents/logs not maintained for 3 years for LQHE. 118040(a)

SMALL QUANTITY GENERATORS ONLY

(<200 pounds of medical waste generated per month)

<input type="checkbox"/>	4301 Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. 117935
<input type="checkbox"/>	4302 Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. 117943, 118215(2)(E)
<input type="checkbox"/>	4303 Did not retain on file disposal receipts/tracking documents for medical waste shipped offsite for 2 years. 117945(b)
<input type="checkbox"/>	4309 MWMP or equivalent information not onsite. 117945

LARGE QUANTITY GENERATORS ONLY

(≥ 200 of medical waste generated per month)

<input type="checkbox"/>	4351 MWMP not submitted to HMD (initial/updates). 117960, 117970
<input type="checkbox"/>	4352 Records of medical waste treatment not available for 3 years. 117975, 118215(2)(E)
<input type="checkbox"/>	4353 Did not retain on file disposal receipts/tracking documents for at least 3 years for medical waste shipped offsite. 117975

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

<input type="checkbox"/>	4401 Chemo waste not segregated from other MW. 118275(e)
<input type="checkbox"/>	4402 Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. 118275(e)
<input type="checkbox"/>	4403 Illegal disposal of chemo waste. 118340
<input type="checkbox"/>	4411 Pathology waste not segregated from other MW. 118275(f)
<input type="checkbox"/>	4412 Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. 118275(f)
<input type="checkbox"/>	4413 Illegal disposal of pathology waste. 118340
<input type="checkbox"/>	4421 Pharmwaste not segregated from other MW. 118275(g)
<input checked="" type="checkbox"/>	4422 Pharmwaste not labeled "Incineration Only" on the lid and the sides. 118275(g)
<input type="checkbox"/>	4423 Pharmwaste stored >90 days when container full, or stored longer than one year (maximum allowable time). 118280(e)
<input type="checkbox"/>	4432 Illegal disposal of pharmwaste. 118340, 118222(b)
<input type="checkbox"/>	4441 Disposal of photo/hazwaste to an unauthorized point. 25189.5
<input type="checkbox"/>	0307 Disposal of universal waste (UW) to an unauthorized point. 25189.5(a); 66273.31(a)
<input type="checkbox"/>	0147 Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection. 66273.39(c) & (d).

LOG MW ONSITE TREATMENT FACILITY

(≥ 200 pounds of medical waste generated per month)

<input type="checkbox"/>	4501 Onsite MW treatment permit not obtained/renewed. 117950, 118130, 118135, 65620, 65623
<input type="checkbox"/>	4502 Current copy of the MW treatment permit not available. 65621(f), 65623, 118165, 118180
<input type="checkbox"/>	4503 Condition(s) of the MW treatment permit violated. 65623

SIGNATURE OF FACILITY REPRESENTATIVE

8/17/10
DATE SIGNED

TITLE OF FACILITY REPRESENTATIVE



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

PERMIT # 153312
 SPECIALIST CARMEL FUENTECILLA
 INSPECTION DATE: 11/17/2010
 CONTACT CARMEL FUENTECILLA @ (858) 505-6888
carmel.fuentecilla@sdcounty.ca.gov

SEP 03 2011

BUSINESS NAME SEACOAST PET CLINIC
 ADDRESS 600 PALM AV #103, IMPERIAL BEACH, 91932

Viol #	Brief Description of Violation	Date Corrected	INDICATE HOW VIOLATIONS WERE CORRECTED (ATTACH ANY SUPPORTING DOCUMENTATION TO THIS)
1 6HV4422	PHARM WASTE NOT PROPERLY LABELED	11/18/2010	

Enclosed is pictures of labeled generator

I certify under penalty of law that this business/site has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the business/site, and am aware that there are significant penalties for submitting false information.

Responsible Party: [Signature] Job Title DVM
Print Name

Signature: [Signature] Date: 9/2/2011 Phone: 619 429-7387

◀ Send completed form and supporting documentation to the address listed below ▶

COUNTY OF SAN DIEGO USE ONLY: Reviewed by: [Signature] Date: 9/19/11
(Specialist's name and date required for processing)

Specialist's comments: Received photo to verify RTC

All violations noted on date listed above were corrected. Based on information provided by the business
 Based on field verification by Specialist

RTC entered in Kiva by Specialist on: 9/19/11 RTC entered in Kiva by Clerical on: 1/1



County of San Diego

JACK MILLER
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION

ELIZABETH POZZEBON
ASSISTANT DIRECTOR

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6700 FAX (858) 505-6786
1-800-253-9933
www.sdcdeh.org

8/26/11

SEACOAST PET CLINIC
600 PALM AV #103, IMPERIAL BEACH, 91932-

According to our records, documentation or other evidence of corrective action has not been received or is incomplete for violations cited during the Unified Program facility inspection performed on 11/17/2010 at:

SEACOAST PET CLINIC
600 PALM AV #103, IMPERIAL BEACH, 91932-
Permit # 153312

The Hazardous Materials Division (HMD) of the Department of Environmental Health is the Certified Unified Program Agency (CUPA) for the County of San Diego. As the local CUPA, the HMD implements the Unified Program in the County and regulates businesses that manage hazardous materials, hazardous wastes, medical wastes, aboveground petroleum storage tanks and underground storage tanks.

On 11/17/2010, CARMEL FUENTECILLA of the HMD inspected your business at 600 PALM AV #103, IMPERIAL BEACH, 91932-. Our records indicate that the HMD has not received evidence of correction and/or certification of return to compliance as required by the California Health and Safety Code (H&SC) for the violations observed during the inspection. A copy of this inspection is enclosed.

Uncorrected violations from the 11/17/2010 inspection of your business are listed on the reverse of this page and on the enclosed Corrective Action Form (HM-926). Submit a written response indicating how these violations were corrected, along with any applicable supporting documentation within ten (10) business days (by 9/12/11). You may use the Corrective Action Form to show return to compliance as long as you also submit adequate supporting documentation.

If a reinspection is required to determine compliance, you will be charged a reinspection fee of \$228. The HMD may initiate formal enforcement actions including the imposition of substantial penalties for any significant violations. Violations that are not promptly corrected will result in liability for additional days in violation and additional penalties. Any failure to provide the information requested will also be a factor in determining penalties. For these purposes, significant violations include violations that represent a significant threat to human health or safety or the environment, chronic violations, violations committed by a recalcitrant violator and Class 1 hazardous waste violations (CCR 66260.10 and H&SC 25110.8.5).

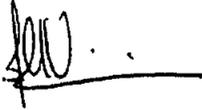
Uncorrected violations:

Violation #	Description of Violation
6HV4422	Generator did not properly label container holding pharmaceutical waste with the words -incineration only- or other approved markings on the lid and side. 118275(g)

Mail your response to: County of San Diego
Department of Environmental Health
Hazardous Materials Division
P. O. Box 129261
San Diego, CA 92112-9261

For additional information, contact Specialist CARMEL FUENTECILLA at (858) 505-6888 or the Hazardous Materials Duty Desk at (858) 505-6880.

Sincerely,



J. M. VIZZIER, Chief
Hazardous Materials Division

Enclosures: Inspection Report
Corrective Action Form (HM-926)

cc: File #: 153312



COMPLIANCE INSPECTION REPORT

PAGE 1 OF 1 DATE 9 23 10
PERMIT# 202620 BUS. CODE K10
TIME START 145 END 1230
SPECIALIST Fuentes
INSPECTION CONTACT
Mary Ann Sanvictores
TITLE Owner
PHONE (619) 628-8123

BUSINESS NAME Mary Ann Sanvictores
ADDRESS 600 PALM Ave - # 116
CITY/ZIP IB 91932

On the above date, the County inspected your business under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

- Y* N/A* NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.
- | | | | | |
|-------------------------------------|--------------------------|---|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current | Y* N/A* | Permit Expires on: 7/31/2011 |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee training is adequate | <input type="checkbox"/> | Contingency Plan available <input type="checkbox"/> LQG <input type="checkbox"/> SQG |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> | Employee training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | Universal waste managed properly |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical inventory/map current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | Waste containers <input checked="" type="checkbox"/> closed <input checked="" type="checkbox"/> labeled |
| | | | <input checked="" type="checkbox"/> | Waste containers in good condition |

Consent to inspect granted by: Inspection Contact Other:

Routine Inspection

- Business is a complete Dental clinic,
- sharps waste are disposed of through encapsulation - Isolizer
- X-Ray unit is Digital.

RECEIVED OCT 13 2010

Substantial Compliance noted.

This is an annual certification that the Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

PRINTED NAME OF BUSINESS REPRESENTATIVE

DOUGLAS B SANVICTORES

DATE SIGNED

09 / 23 / 10

SIGNATURE OF BUSINESS REPRESENTATIVE

[Signature]

TITLE OF BUSINESS REPRESENTATIVE

CFO

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (619) 338-2222 Toll Free: (800) 253-9933 http://www.sdcdeh.org



ENTERED JUL 24 2009

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 1 DATE 6/12/09
 PERMIT# 210690 BUS. CODE K10
 TIME START 10:15 END 11:00
 SPECIALIST Fruendecilla
 INSPECTION CONTACT SADEEQ K. SADIQ
 TITLE Director
 PHONE (619) 423-0100

BUSINESS NAME CORONADO BAY URGENT CARE
 ADDRESS 600 PALM AVE #108A
 CITY/ZIP IB 91932

On the above date, the County inspected your business under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

- Y* N/A* NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.
- | | | | | |
|-------------------------------------|--------------------------|---|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current | Y* N/A* | Permit Expires on: <u> / / </u> |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee training is adequate | <input type="checkbox"/> | Contingency Plan available <input type="checkbox"/> LQG <input type="checkbox"/> SQG |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> | Employee training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | Universal waste managed properly |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory/map current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | Waste containers <input type="checkbox"/> closed <input type="checkbox"/> labeled |
| | | | <input checked="" type="checkbox"/> | Waste containers in good condition |

Consent to inspect granted by: Inspection Contact Other: _____

NEW Business
 - Business is a Medical Clinic.
 - Medical Waste generated on site:
 sharp waste + Red Bags.
 - Med. Waste Hauler - S-fenicycle
 X-Ray waste - Merry X-Ray!
 - completed a Unified Program
 Facility permit.

RECEIVED JUN 24 2009

To comply:
 ① - Obtain a valid UPPF permit.

This is an annual certification that the Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

PRINTED NAME OF BUSINESS REPRESENTATIVE: SADEEQ KHAN SADIQ DATE SIGNED: 6/12/09
 SIGNATURE OF BUSINESS REPRESENTATIVE: [Signature] TITLE OF BUSINESS REPRESENTATIVE: _____

X [Signature]

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (619) 338-2222 Toll Free: (800) 253-9933 <http://www.sdcdeh.org>

Schuster, Luisa

From: Radi, Linda S.
Sent: Wednesday, April 22, 2009 5:12 PM
To: Fuentecilla, Carmel
Cc: Kolb, John; Estolano, Gloria; Schuster, Luisa
Subject: Site verification - #205310 & 209318
Attachments: 2900_001.pdf

Hi Carmel,

We recently received a permit application for Coronado Bay Urgent Care located at 600 Palm Ave #108A, Imperial Beach 91932. Luisa verified via e-mail that a change of owner took place (see attached e-mail). This site was previously permitted under #205310 which is currently in Suspense status as of 5/13/08. There is a comment in KIVA that you called to request a new permit number on 5/13/08 due to a change of owner and permit #209318 was assigned at that time. I don't see any record of the inspection being received or processed for #209318 and it remains in TEMP status. Since there now seems to be another change of owner, we will be sending some drive by's to you to inactivate both #205310 & 209318 and one for the new owner, Coronado Bay Urgent Care along with there permit application. If you have any questions, please give me a call.

Thanks,

Linda Radi
Senior Office Assistant
Department of Environmental Health
Hazardous Materials Division
(619) 338-2160

Hi Linda,

6-12-09

Please ^{check} inactivated 205310

+ 209318 (old #s).

THANKS.

Mary F. Ray
Gene cycle

Schuster, Luisa

From:
Sent: Monday, April 13, 2009 2:03 PM
To: Schuster, Luisa
Subject: Hazard materials permit

This is regarding the hazards material permit at 600 Palm ave suite 108 Imperial Beach. Coronado Bay urgent care is a new business located at the site of the previous business South Bay Industrial Medical Center. We will be using Stericycle.

Dr sadiq
(904) 3821033
Sent on the Now Network from my Sprint® BlackBerry



**COUNTY OF SAN DIEGO CUPA
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933**

____/____/____
Date Submitted

BUSINESS ACTIVITIES

Page ____ of ____

I. FACILITY IDENTIFICATION

FACILITY ID #	3	7	0	0	0	2	1	0	6	9	0	EPA ID # (Hazardous Waste Only)	2
BUSINESS NAME (Same as FACILITY NAME of DBA-Doing Business As)	Coronado Bay Urgent Care												3
BUSINESS SITE ADDRESS	600 Palm Ave Suite 108A												103
BUSINESS SITE CITY	Imperial Beach	104	CA	ZIP CODE	91932	105							

II. ACTIVITIES DECLARATION

**NOTE: If you check YES to any part of this list,
please submit the Business Owner/Operator Identification page.**

Does your facility...	If Yes, please complete these pages of the UPCF....	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	4 HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	4a Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	5 UST FACILITY (Formerly SWRCB Form A) HM-9715 UST TANK (one page per tank-Formerly Form B) HM-9717
D. ABOVE GROUND PETROLEUM STORAGE Store greater than 1,320 gallons of petroleum products (new or used) in above ground tanks or containers?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	8 NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE		
▪ Generate hazardous waste?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	9 EPA ID NUMBER - provide at the top of page
▪ Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10 RECYCLABLE MATERIALS REPORT (one per recycler)
▪ Treat hazardous waste on site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	11 ONSITE HAZARDOUS WASTE TREATMENT - FACILITY ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit)
▪ Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	12 CERTIFICATION OF FINANCIAL ASSURANCE
▪ Consolidate hazardous waste generated at a remote site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	13 REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
▪ Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	14 HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
▪ Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	14a Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
▪ Household Hazardous Waste (HHW) Collection site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	14b See CUPA for required forms.

E. LOCAL REQUIREMENTS			15
▪ MEDICAL WASTE			
Generate <200 lbs/month of Medical/Biohazardous Waste?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
Generate ≥200 lbs/month of Medical/Biohazardous Waste?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
Generate ≥200 lbs/month of Medical/Biohazardous Waste and treat any amount of medical waste?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
▪ Handle Toxic gases with threshold limit concentration (TLV) # 10 ppm in any quantity?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	



UPF Permit#: 210690

DATE INSPECTED: 6/12/09

UNIFIED PROGRAM FACILITY PERMIT APPLICATION

This business or service is required to obtain a Unified Program Facility Permit from the San Diego County Department of Environmental Health. I answered "yes" to one or more of the questions on the "Business Activities" form.

Date assumed business ownership at this location: 4 / 1 / 09

This permit does not excuse any owner or operator from complying with all applicable federal, state, county or local laws, ordinances or regulations. The owner or operator is required to determine if another permit or approval from any other agency or department is necessary. The County, by issuing this permit, does not relinquish its right to enforce any violation of law.

I have determined that this business or service does not require a Unified Program Facility Permit from the San Diego County Department of Environmental Health.

I declare under penalty of perjury that to the best of my knowledge and belief the statements made herein are correct and true. I consent to all necessary inspections allowed by law and incidental to the issuance of required permit(s) and the operation of this business.

Signature: [Handwritten Signature]

Title: Director

Printed Name: SADEEQ K. SADIQ

Date: 4 / 1 / 09

Type of Business: Medical Clinic

Phone #: (619) 423-0100

Please complete the business information on the following page and return this application to the San Diego County Department of Environmental Health at:

SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261
SAN DIEGO CA 92112-9261

If a San Diego County Unified Program Facility Permit is required for your business or service a representative of this Department will contact your business. Permit fees will be determined from the contact and a billing statement will be mailed.

NOTE: If you do not use hazardous materials, generate hazardous waste, or have underground storage tanks you are still required to return this form.

A representative of the San Diego County Department of Environmental Health may contact you to verify the information provided on this application.



**COUNTY OF SAN DIEGO CUPA
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933**

RECEIVED

APR 03 2009
ENVIRONMENTAL
HEALTH

BUSINESS OWNER/OPERATOR IDENTIFICATION

Page _____ of _____

I. IDENTIFICATION

FACILITY ID #	37000210690	BEGINNING DATE	100	ENDING DATE	101
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	Coronado Bay Urgent Care	BUSINESS PHONE	3		102
BUSINESS SITE ADDRESS	600 Palm Ave Suite 108A	BUSINESS FAX	103		102a
BUSINESS SITE CITY	Imperial Beach	CA	104	ZIP CODE	105
DUN & BRADSTREET		PRIMARY SIC	106		107
BUSINESS MAILING ADDRESS	600 Palm Ave Suite 108A	COUNTY	108		108a
BUSINESS MAILING CITY	Imperial Beach	STATE	108b	ZIP CODE	108c
BUSINESS OPERATOR NAME	SADEEQ KHAN SADIQ	BUSINESS OPERATOR PHONE	109		110

II. BUSINESS OWNER

OWNER NAME	SADEEQ KHAN SADIQ, Inc.	OWNER PHONE	111		112
OWNER MAILING ADDRESS	600 Palm Ave Suite 108A				113
CITY	Imperial Beach	STATE	114	ZIP CODE	115

III. ENVIRONMENTAL CONTACT

CONTACT NAME	SADEEQ KHAN SADIQ	CONTACT PHONE	117		118
CONTACT MAILING ADDRESS	600 Palm Ave, Suite 108A	CONTACT FMA II *	119		119a
CITY	Imperial Beach	STATE	120	ZIP CODE	121

-PRIMARY-

IV. EMERGENCY CONTACTS

-SECONDARY-

NAME	SADEEQ KHAN SADIQ	123	NAME	Joseph Scire	128
TITLE	Director	124	TITLE	Office Manager	129
BUSINESS PHONE	(619) 423-0100	125	BUSINESS PHONE	(619) 423-0100	130
24-HOUR PHONE*		126	24-HOUR PHONE*		131
PAGER #		127	PAGER #		132

ADDITIONAL LOCALLY COLLECTED INFORMATION:	E-MAIL: *
---	-----------

***This information will remain confidential.**
ALWAYS SUBMIT A COPY OF THIS COMPLETED PAGE WITH SUBMITTAL OF ANY OTHER UNIFIED PROGRAM CONSOLIDATED FORM.

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.				
SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	134	NAME OF DOCUMENT PREPARER	135
SADEEQ KHAN SADIQ	4/11/09		SADEEQ K. SADIQ	
NAME OF SIGNER (print)	TITLE OF SIGNER	136		137
SADEEQ KHAN SADIQ	Director			



**COUNTY OF SAN DIEGO CUPA
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933**

RECEIVED / _____
Date Submitted

APR 30 2009

BUSINESS ACTIVITIES

ENVIRONMENTAL HEALTH Page of

I. FACILITY IDENTIFICATION

FACILITY ID #	3	7	0	0	0	2	1	0	6	9	0	EPA ID # (Hazardous Waste Only)	2	
BUSINESS NAME (Same as FACILITY NAME of DBA-Doing Business As)	SADEEQ KHAN SADIQ, Inc. DBA Coronado Bay Urgent Care													
BUSINESS SITE ADDRESS	600 Palm Avenue Suite 108A													
BUSINESS SITE CITY	Imperial Beach										104	CA	ZIP CODE	105
													91932	

II. ACTIVITIES DECLARATION

**NOTE: If you check YES to any part of this list,
please submit the Business Owner/Operator Identification page.**

Does your facility...	If Yes, please complete these pages of the UPCF....	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	4 HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	4a Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	5 UST FACILITY (Formerly SWRCB Form A) HM-9715 UST TANK (one page per tank-Formerly Form B) HM-9717
D. ABOVE GROUND PETROLEUM STORAGE Store greater than 1,320 gallons of petroleum products (new or used) in above ground tanks or containers?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	8 NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE		
▪ Generate hazardous waste?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	9 EPA ID NUMBER - provide at the top of page
▪ Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10 RECYCLABLE MATERIALS REPORT (one per recycler)
▪ Treat hazardous waste on site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	11 ONSITE HAZARDOUS WASTE TREATMENT - FACILITY ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit)
▪ Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	12 CERTIFICATION OF FINANCIAL ASSURANCE
▪ Consolidate hazardous waste generated at a remote site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	13 REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
▪ Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	14 HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
▪ Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	14a Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
▪ Household Hazardous Waste (HHW) Collection site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	14b See CUPA for required forms.
F. LOCAL REQUIREMENTS		
▪ MEDICAL WASTE		
Generate <200 lbs/month of Medical/Biohazardous Waste?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Generate ≥200 lbs/month of Medical/Biohazardous Waste?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
Generate ≥200 lbs/month of Medical/Biohazardous Waste and treat any amount of medical waste?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
▪ Handle Toxic gases with threshold limit concentration (TLV) # 10 ppm in any quantity?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	



UPF Permit#: 210690

DATE INSPECTED: / /

UNIFIED PROGRAM FACILITY PERMIT APPLICATION

This business or service is required to obtain a Unified Program Facility Permit from the San Diego County Department of Environmental Health. I answered "yes" to one or more of the questions on the "Business Activities" form.

Date assumed business ownership at this location: 4 / 1 / 09

This permit does not excuse any owner or operator from complying with all applicable federal, state, county or local laws, ordinances or regulations. The owner or operator is required to determine if another permit or approval from any other agency or department is necessary. The County, by issuing this permit, does not relinquish its right to enforce any violation of law.

I have determined that this business or service does not require a Unified Program Facility Permit from the San Diego County Department of Environmental Health.

I declare under penalty of perjury that to the best of my knowledge and belief the statements made herein are correct and true. I consent to all necessary inspections allowed by law and incidental to the issuance of required permit(s) and the operation of this business.

Signature: *SADEEQ KHAN SADIQ*

Title: Director

Printed Name: SADEEQ KHAN SADIQ

Date: 4 / 28 / 09

Type of Business: Medical Urgent Care

Phone #: (619) 423-0100

Please complete the business information on the following page and return this application to the San Diego County Department of Environmental Health at:

SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261
SAN DIEGO CA 92112-9261

If a San Diego County Unified Program Facility Permit is required for your business or service a representative of this Department will contact your business. Permit fees will be determined from the contact and a billing statement will be mailed.

NOTE: If you do not use hazardous materials, generate hazardous waste, or have underground storage tanks you are still required to return this form.

A representative of the San Diego County Department of Environmental Health may contact you to verify the information provided on this application.



**COUNTY OF SAN DIEGO CUPA
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933**

BUSINESS OWNER/OPERATOR IDENTIFICATION

Page ____ of ____

I. IDENTIFICATION

FACILITY ID #	37000210690	BEGINNING DATE	100	ENDING DATE	101
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	SADEEQ KHAN SADIQ, Inc. DBA Coronado Bay Urgent Care			BUSINESS PHONE	102
BUSINESS SITE ADDRESS	600 Palm Avenue Suite 108A			BUSINESS FAX	102a
BUSINESS SITE CITY	104	CA	ZIP CODE	105	COUNTY
Imperial Beach			91932		San Diego
DUN & BRADSTREET	106	PRIMARY SIC	107	PRIMARY NAICS	107a
BUSINESS MAILING ADDRESS	600 Palm Avenue Suite 108A				
BUSINESS MAILING CITY	108b	STATE	108c	ZIP CODE	108d
Imperial Beach		CA		91932	
BUSINESS OPERATOR NAME	109	BUSINESS OPERATOR PHONE	110		
SADEEQ KHAN SADIQ		(904) 382-1033			

II. BUSINESS OWNER

OWNER NAME	111	OWNER PHONE	112		
SADEEQ KHAN SADIQ, Inc.		(904) 382-1033			
OWNER MAILING ADDRESS	600 Palm Avenue, Suite 108A				
CITY	114	STATE	115	ZIP CODE	116
Imperial Beach		CA		91932	

III. ENVIRONMENTAL CONTACT

CONTACT NAME	117	CONTACT PHONE	118		
		()			
CONTACT MAILING ADDRESS	119	CONTACT EMAIL*	119a		
CITY	120	STATE	121	ZIP CODE	122

-PRIMARY-

IV. EMERGENCY CONTACTS

-SECONDARY-

NAME	123	NAME	128		
SADEEQ KHAN SADIQ					
TITLE	124	TITLE	129		
Director					
BUSINESS PHONE	125	BUSINESS PHONE	130		
(619) 423-0100		()			
24-HOUR PHONE*	126	24-HOUR PHONE*	131		
(904) 382-1033		()			
PAGER #	127	PAGER #	132		
()		()			

ADDITIONAL LOCALLY COLLECTED INFORMATION:	E-MAIL: *

***This information will remain confidential.**
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Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	134	NAME OF DOCUMENT PREPARER	135
<i>SADEEQ KHAN SADIQ</i>	4/28/09		SADEEQ KHAN SADIQ	
NAME OF SIGNER (print)	136	TITLE OF SIGNER	137	
SADEEQ KHAN SADIQ		Director		



COUNTY OF SAN DIEGO

EST. NUMBER H 52320

27
2-18-96

DATE 02-05-96

BUS CODE R10

SPECIALIST A. Peterson

BIOMEDICAL - COMPLIANCE INSPECTION REPORT

BUSINESS NAME Imperial Beach Community
ADDRESS 600 Palm Ave Clinic
CITY/ZIP Imperial Beach, CA 91932

CONTACT Connie Kirk
TITLE Office ~~Manager~~ ^{Executive}
PHONE 429-3783

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC), Division 20, Chapter 6.1; the San Diego County Code (SDCC); and local City ordinances. Violations determined from this inspection are noted below. The following statements are intended to provide guidance in correcting the violations noted:

Office Use Only Biohazardous waste containers must be labeled with the generator information as soon as the container is put into use (include the phone number).

Observed only 1993 employee training record. Employees to be trained at least annually in the management of medical waste and records to be on site for review for three years.

Note: Reviewed BFI receipts and 1995 Biomedical Waste Management Plan copy received.

FEB 22 1996

- V4000 W [] A Permit has not been obtained for Medical Waste (Biohazardous) storage and disposal ----- (SDCC 68.1203, HSC 25030; 30.1; 41; 51)
- V4001 W [] Untreated Medical Waste (Biohazardous) has been unlawfully disposed of ----- (SDCC 68.1203, HSC 25097)
- V4002 W [] Medical Waste (Biohazardous) has not been properly treated by an approved method ----- (SDCC 68.1203, (C) & 1204, HSC 25090; 47; 57)
- V4003 W [] Medical Waste (Biohazardous) Tracking Documents are not maintained on site and available for review ----- (SDCC 68.1203-1204, HSC 25045; 25055)
- V4004 W [] Quality control documentation has not been maintained for on-site treatment of Medical Waste (Biohazardous) ----- (SDCC 68.1203-1204, HSC 25045; 55; 25090 (C)(5))
- V4005 W [] Needles and syringes are unlawfully clipped prior to disposal ----- (SDCC 68.1205(E))
- V4006 W [] Med. Waste (Biohazardous) is not stored in approv. sharps containers &/or red bags -- (SDCC 68.1205, HSC 25046; 56)
- V4008 W [] Containers storing Medical Waste (Biohazardous) are not properly labeled ----- (SDCC 68.1205, HSC 25046; 56)
- V4009 W [] Medical Waste (Biohazardous) containers are not adequately secured to prevent loss of contents ----- (SDCC 68.1205, HSC 25046; 56; 81; 82)
- V4010 W [] Medical Waste (Biohazardous) has been maintained on site in excess of the permissible storage period ----- (SDCC 68.1203 (C), HSC 25081; 46; 56)
- V4011 W [] Medical SOLID waste is not stored in a manner that prevents access by unauthorized persons prior to disposal ----- (SDCC 68.1202)
- V4012 W [X] Personnel training in the handling and disposal of Medical Waste (Biohazardous) is not adequate or properly documented ----- (SDCC 68.1201 (H); 1206, HSC 25045; 42; 52)
- V4013 W [] A Med. Waste Mgmt. Plan is not maint. and/or updated annually as required ----- (SDCC 68.1201 (H), 1206, HSC 25042; 52)
- V4014 W [] Medical Waste (Biohazardous) storage area is not properly posted or secured ----- (HSC 25086; 46; 56)
- V4015 W [] Transportation of Medical Waste (Biohazardous) in an unlawful or unauthorized manner ----- (HSC 25060; 25097)

OFFICE MANAGER
2-5-96

Martha Ceballos
Signature of Business Representative

Title

Department of Health Services, Environmental Health Services, Hazardous Materials Management Division, PO Box 85261, San Diego, CA, 92186-5261

(619) 338-2222



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PA 1 OF 3
 EST. NO. H 52320
 DATE 8-24-00
 TIME START 12:45 END 1:45
 BUS. CODE K10
 SPECIALIST ~~ATTO~~ Quecan
 CONTACT Martha Ceballos
 TITLE Off. Manager
 PHONE 575-8363

BUSINESS NAME Imperial Beach Comm. Clin
 ADDRESS Imperial Beach 600 Palm Av #108
 CITY/ZIP Imperial Beach 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

Routine Inspection

SEP 01 2000

- Observation: Some sharp containers were not labeled.
 Violation: 68.1201
 Corrective action: Please label sharp containers with generator's name, address and phone number on moment of initial use.
- Observation: Red bags were not labeled.
 Violation: 68.1201
 Corrective action: Please label red bags with generator's name, address and phone number prior to use.
- Observation: Documented employee training not available for review.
 Violation: 68.1206
 Corrective action: Please train employees on the handling of bio hazardous waste within 30 days from this date. Document training

Martha Ceballos
 Signature of Business Representative

8/24/00
 Date Signed

Office Mgr.
 Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 52320

DATE 8 / 24 / 00

PAGE 2 OF 3

SUPPLEMENTAL INSPECTION REPORT

Office Use Only

BUSINESS ADDRESS: 600 Palm Av #108 Imp. Beach ZIP CODE: 91932
and keep on file. Annual requirement.

- Remarks:
- HP is current.
 - MWMP was available for review.
 - A locked dumpster is available for the storage of medical solid waste.
 - An area properly labeled and under lock is available for storage of biohazardous waste.

Martha Ceballos
Signature of Business Representative

8/24/00
Date Signed

Office Mgr.
Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

EST. NUMBER H 52320

DATE 8-24-00

MEDICAL WASTE GENERATOR REQUIREMENTS

PAGE 3 OF 3

BUSINESS ADDRESS: 600 Palm Av #108 Imp. Beach ZIP: 91932

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. and 66262.10 et. al. All violations must be corrected. Please call (619) 338-2222 or your Inspector if you have any questions.

GENERAL REQUIREMENTS:

- [] An Environmental Health Permit as a medical waste generator has not been obtained. 68.1203, 68.1204, and 117705 V4101 W
[] Unlawful disposal of untreated medical waste to an unauthorized point. 118340 V4102 W
[] Improper treatment of medical waste using an unapproved method or procedure. 118215 V4103 W
[] Medical SOLID WASTE is not stored in a locked trash receptacle or enclosure so as to deny access to unauthorized persons. 68.1202 V4104 W
[] Improper clipping or cutting of sharps waste at the point of generation. 68.1205 V4105 W
[] Medical waste was not separated from other waste at the point of origin. 118275 V4106 W
[] Generator has not maintained reusable containers/bins for medical waste storage in a clean and sanitary manner. 118295 and 118305 V4107 W
[] Storage time exceeded for frozen medical waste, e.g. greater than 90 days. 118280 V4108 W
[] Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300 V4109 W
[] Generator has not secured the enclosure or designated accumulation area for medical waste containers so as to deny access to unauthorized persons. 118310 V4110 W
[] Operator did not post an approved and legible biohazardous waste "warning sign" in English and Spanish at the waste storage area(s). 118310 V4111 W
[] Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275 V4112 W
[X] Did not place a label with the generator's name, address, and phone number on the outside of the red bag and/or sharps container. 68.1201 and 68.1205 V4113 W
[] Generator did not store sharps waste in approved and properly marked sharps container. 118275 V4114 W
[] Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025 V4115 W
[] Generator did not have standardized written operating procedures for a steam sterilizer available onsite. 118215 V4116 W
[] Did not have recording thermometer checked for calibration annually. 118215 V4117 W
[] Generator did not maintain records of thermometer calibration checks for at least 3 years. 118215 V4118 W
[] Operator did not use heat-sensitive tape or other approved method for each load of medical waste treated onsite. 118215 V4119 W
[] Need to use a biological indicator or other approved method at least once a month to confirm proper disinfection conditions. 118215 V4120 W
[] Must tie-off red bags to prevent leakage or expulsion of contents during handling and storage. 118280 V4121 W
[] Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280 V4122 W
[] Must have waste container/bin labeled on the lid and side so as to be clearly visible. 118280 V4123 W
[] Did not tape closed or tightly-lid a full sharps container ready for disposal, to preclude loss of contents. 118285 V4124 W

SMALL QUANTITY GENERATOR REQUIREMENTS: (<200 pounds per month of waste)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) 68.1206 and 117935 V4025 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117943 V4026 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 2 years. 117945 V4027 W
[] Need to apply for and receive a limited-quantity hauling exemption for "self-hauled" medical waste (<20 pounds of waste per week). 118030 and 118025 V4028 W
[] Did not renew a limited-quantity hauling exemption annually. 118030 V4029 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperatures (for >20 pounds/month generator). 118285 V4030 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature (>20 pounds/month generator). 118280 V4031 W
[] Very small quantity generator (e.g. <20 pounds per month) improperly storing waste for greater than 30 days onsite at room temperature. 118280 V4032 W

- [] Maximum holding time exceeded for non-putrescible medical waste, e.g. greater than 180 days. 68.1203 V4033 W

LARGE QUANTITY WASTE GENERATORS: (>200 pounds of waste in a month)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement). 117960 and 68.1206 V4034 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117975 V4035 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 3 years. 117975 V4036 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285 V4037 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280 V4038 W

PATHOLOGY WASTE AND CHEMOTHERAPY WASTE HANDLING:

- [] Did not segregate chemotherapy waste from other medical waste. 118275 V4039 W
[] Generator did not label container holding chemotherapy waste with the words "chemotherapy waste" or other approved markings on the lid and sides. 118275 V4040 W
[] Did not segregate pathology waste from other medical waste. 118275 V4041 W
[] Generator did not label container holding pathology waste with the words "pathology waste" or other approved markings on the lid and side. 118275 V4042 W
[] Unlawful disposal of pathology waste or chemotherapy waste to an unauthorized point. 118340 V4043 W

PHARMACEUTICAL WASTE HANDLING:

- [] Generator did not segregate pharmaceutical waste from other medical waste. 118275g V4044 W
[] Generator did not label container holding pharmaceutical waste with the words "incineration only" or other approved markings on the lid and side. 118275g V4045 W
[] Storage time exceeded for pharmaceutical waste, e.g. more than 90 days. (>10 pounds per calendar year generated) 118280e V4046 W
[] Very small quantity generator of pharmaceutical waste (e.g. <10 pounds waste/calendar year) improperly storing waste for longer than one year. 118280e V4047 W
[] Unlawful disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222 V4048 W

ON-SITE MEDICAL WASTE TREATMENT FACILITY REQUIREMENTS:

- [] Operator has not obtained an onsite medical waste treatment permit from the County. 117950, 118130, 118155, and CCR 65620 V4049 W
[] Must maintain an updated and complete copy of the medical waste treatment permit onsite and available for review. CCR 65621(f), 65623, 118165, and 118180 V4050 W
[] Did not comply with a condition of the medical waste treatment permit issued by the County. CCR 65623 V4051 W

PHOTOCHEMICAL and HAZARDOUS WASTE MGMT. AND DISPOSAL:

- [] Illegal disposal of photoprocessing/hazardous waste to the sewer, trash, etc. 25189.5 V4052 W
[] Generator has not maintained waste disposal records, e.g. manifests/milk-run receipts, onsite for 3 years. 66262.40 V4053 W
[] Generator has not obtained an EPA Identification Number from the State DTSC for hazardous waste generation, e.g. photoprocessing/hazardous waste. 66262.12 V4054 W
[] Generator did not properly label the container holding hazardous waste. 66262.34 V4055 W
[] Generator did not maintain the container holding hazardous waste tightly closed except when adding or removing waste. 66265.173 V4056 W
[] Generator did not submit a notification to the County prior to treating photochemical waste onsite (e.g. >10 gallons/month; tiered permitting). 25201.5 V4057 W

Martha Cepallos ESTABLISHMENT REPRESENTATIVE

8/24/00 DATE SIGNED Office Man TITLE



Imperial Beach Health Center

RECEIVED

2002 NOV 14 PM 2 23

D. E. H.
MAILROOM

November 11, 2002

County of San Diego
Department of Environmental Health
1255 Imperial Avenue
PO Box 129261
San Diego, CA 92112-9261

Dear Steve:

The Imperial Beach Health Center has relocated to a new building, as of November 5, 2002. We no longer operate out of our old facility at 600 Palm Ave Suite 108, Imperial Beach, CA. Our new address is 949 Palm Ave, Imperial Beach..

Our mailing address and phone numbers, though, do not change. Our mailing address continues to be:
Imperial Beach Health Center
PO Box 459
Imperial Beach, CA 91933
phone: 619-429-5387--Administration
619-429-3733--Main Number

Please change your records, as appropriate. Imperial Beach Health Center holds a permit for hazardous materials, K10, ESD # H52320. It expires on 9/30/03.

Sincerely,

Constance Kirk
Executive Director



COUNTY OF SAN DIEGO

MP *COPY TO FILE*

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 1 DATE 9/13/02
 PERMIT # 152320
 TIME START 9:50 END 10:45
 BUS. CODE K10
 SPECIALIST R. Lopez
 INSPECTION CONTACT/TITLE
Martha Ceballos / Office Mgr
 PHONE: (619) 429-3733

BUSINESS NAME Imperial Beach Community Clinic
 ADDRESS 600 Palm Ave. Ste 108
 CITY/ZIP Imperial Beach, CA 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

- | | | | | | |
|----------------------------|------------------------------|--|----------------------------|------------------------------|---|
| <input type="checkbox"/> Y | <input type="checkbox"/> N/A | <input type="checkbox"/> Unified Program Facility Permit current and available | <input type="checkbox"/> Y | <input type="checkbox"/> N/A | <input type="checkbox"/> Permit Expires on: <u> / / </u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Employee Training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Waste disposal records available for review | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Chemical inventory current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Waste containers in good condition |

- Facility had a mercury spill on 8/24/02.
 Facility called Americhem for cleanup of mercury contaminated material.
 Waste was picked up on 8/27/02.
 Submit a copy of the manifest to my attention within 24 hours.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative _____

Martha Ceballos
Signature of Business Representative

9/3/02
Date Signed

Office Manager
Title

TO FILE

H52320



COUNTY OF SAN DIEGO

Department of Environmental Health

COMPLAINT FORM

COMPLAINT No: **2002-15198**

PREV COMP: OLD COMP No:

DATE / TIME RECEIVED: **8/28/2002** **5:03 PM**

REC BY: **DCAMMAEH**

REVIEWED BY: Info Only

This greyed area contains Reporting Party information that is blocked from public viewing for CONFIDENTIALITY purposes, per County Policy A-2.

COMPLAINT INFORMATION

INCIDENT ONSET DATE: **8/27/2002** INCIDENT TIME:

BUSINESS NAME: **IMPERIAL BEACH COMMUNITY CLINIC** CENSUS TRACT: DEH ESTAB#: **H52320**

ADDRESS: **600** **PALM AV** STE: X-STREET: **RAINBOW DR**

Imperial Beach ZIP **91932** THOM BROS PAGE: **1329** COORD: **F7**

This greyed area contains Reporting Party information that is blocked from public viewing for CONFIDENTIALITY purposes, per County Policy A-2.

SUBSTANCE:

NATURE OF COMPLAINT: **BUSINESS REPORTS THAT THEY HAD A MERCURY SPILL FROM A BROKEN BLOOD PRESSURE MANOMETER THE PREVIOUS DAY. DEH NOT NOTIFIED UNTL AFTER CLEAN UP BY CLEAN UP CONTRACTOR-AMERICHEM. NEED ICP FOLLOW UP.**

DEH RESPONSE INFORMATION

DIVISION: **ICP** APPROVED BY: APPROVED DATE: ASSIGNED TO: **RLOPEZEH**

PRIORITY: TYPE: **H21** BUSINESS: **B** ACTIVITY: INVESTIGATED BY: **RLOPEZEH** DATE INVESTIGATED: **09/03/2002** JUSTIFIED: CUST SERV SENT: RESOLVED:

REFER ONLY?: CONTACT: AGENCY: PHONE:

ACTION TAKEN: **9/3/02 - FACILITY HAD A MERCURY SPILL. THE CLEANUP CONTRACTOR AMERICHEM DISPOSED OF THE WASTE GENERATED.**



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 1 DATE 12/21/08
 PERMIT # 152320
 TIME START _____ END _____
 BUS. CODE K10
 SPECIALIST R. Lopez
 INSPECTION CONTACT/TITLE _____
 PHONE: (619) 429-5387

BUSINESS NAME Imperial Beach Health Center
 ADDRESS 600 Palm Ave Ste 108
 CITY/ZIP Imperial Beach, CA 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

- | Y | N/A | | Y | N/A | |
|--------------------------|--------------------------|---|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: ___/___/___ |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Closure Inspection

* Facility has closed. They have moved from this address to 949 Palm Ave, IB, CA 91932

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative _____

Signature of Business Representative _____

Date Signed _____

Title _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222; sdcdch.org

Please complete the following questionnaire:

SECTION A - BIOMEDICAL WASTE GENERATION

1. Does your business or service generate, store, or handle any of the by-products or wastes listed in the box below?

Yes No

Circle the letters of the categories found at your business.

<input checked="" type="checkbox"/> A.	Laboratory Wastes - specimen or microbiologic cultures, stocks of infectious agents, live and attenuated vaccines, culture dishes, and devices used to transfer, inoculate, and mix cultures.
<input checked="" type="checkbox"/> B.	Blood or Body Fluids - liquid blood elements or regulated body fluids (cerebrospinal, synovial, pleural, peritoneal, pericardial, and amniotic fluids), or articles contaminated with blood or body fluids.
<input checked="" type="checkbox"/> C.	Sharps - syringes, blades, slides or needles.
<input checked="" type="checkbox"/> D.	Contaminated Animals - animal carcasses, body parts, or bedding materials suspected of being contaminated with a disease communicable to humans.
<input checked="" type="checkbox"/> E.	Surgical Specimens - human or animal parts or tissues removed surgically or by autopsy.
F.	Miscellaneous - any waste generated from the diagnosis, treatment, or immunization of humans or animals, or research pertaining there to.

2. Do you dispose of any items in #1 by discharging them into the sewer system, including down sinks, floor drains, toilets, etc.?

Yes No

If yes, which category(ies) of by-products or wastes? _____

3. Do you decontaminate any of the items listed in #1 by steam sterilization (autoclaving) before disposal to trash can or dumpster?

Yes No

If yes, which category(ies) of by-products or wastes? MICROBIOLOGICAL CULTURES

4. Do you dispose of any of the items listed in #1 through a registered medical waste hauler?

Yes No

If yes, which category(ies) of by-products or wastes? SHARPS

5. If you answered yes to any of the above questions (1, 2, 3, or 4), your business or service does generate biomedical waste and a permit from the San Diego County Department of Health Services is required. Continue with Section B of the questionnaire.

SECTION B - CURRENT PERMIT INFORMATION

1. Is your business or facility currently permitted by this Department for hazardous or biomedical waste handling?

Yes No

If yes, what is the permit number (ex: H00001) and the name of the permitted establishment?

2. Are you responsible for the management of hazardous or biomedical waste generated at this facility?

Yes No

If no, please provide information listing the party responsible for biomedical waste management at your facility:

Name _____

Address _____

Phone # _____ (City) (Zip)

Please complete the attached Biomedical Waste Summary.

NOTE: If you do not generate biomedical waste, you are still required to return this form.

A representative of the San Diego County Department of Health Services may contact you to verify the information provided on this questionnaire.

BIOMEDICAL WASTE SUMMARY

Complete the following information regarding the handling of hazardous wastes at your business or service based upon your answers to SECTION A. Check one statement.

- This business or facility does generate biomedical waste that requires a permit from the San Diego County Department of Health Services.
- I have determined that this business or service does not generate biomedical waste requiring permits from the San Diego County Department of Health Services.

I declare under penalty of perjury that to the best of my knowledge and belief the statements made herein are correct and true. I consent to all necessary inspections allowed by law and incidental to the issuance of required permit(s) and the operation of this business.

Signature William J. Applegate Title DM
Date ~~5/12/94~~ 5/12/94 Phone 429-7387
Type of Business PHYSICIAN

Please complete the business information on the reverse of this page and return this questionnaire to the San Diego County Department of Health Services in the pre-addressed return envelope or mail using the following address.

**ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT DIVISION
P. O. BOX 85261
SAN DIEGO, CA 92186-5261**

If a San Diego County Hazardous Materials Management Permit is required for your business or service, a representative of this Department will conduct an inspection of your business or facility.

COUNTY OF SAN DIEGO
ENVIRONMENTAL HEALTH SERVICES

--FOR OFFICE USE ONLY--

P. O. BOX 85261, SAN DIEGO, CA 92186-5261 PHONE: 619-338-2222

H

ESTAB NUMBER H	CENSUS TR/INC CODE	BUS CODE	UNITS	ANNUAL FEE	EXPIR DATE (MO-DAY)				
SIC-1 2	SIC-2 21	FIRE 53	WATER 55	SEWER 57	ZONING 59	MAP ON FILE 61	STATUS 62	ASSESSOR'S 64	PARCEL NO. 41

- PLEASE COMPLETE THE FOLLOWING SECTION -

74 ESTABLISHMENT OWNER NAME: WILLIAM MORRIS AUFDERHEIDE (AREA) 619 OWNER PHONE 714 304 7

74 ESTABLISHMENT ADDRESS: STREET NUMBER 606 DIRECTION STREET NAME PLACER AVE BLDG/SUITE 103

114 CITY IMPERIAL BEACH 125 STATE CA 127 ZIP CODE 91432 (AREA) 619 147 BUSINESS PHONE 714 304 7

151 SECOND NAME OR NAME OF MANAGEMENT COMPANY:

187 MAILING ADDRESS (IF DIFFERENT FROM ESTABLISHMENT ADDRESS): STREET NUMBER DIRECTION STREET NAME BLDG/SUITE

217 CITY 228 STATE 230 ZIP CODE 250

254 ESTABLISHMENT NAME: SKACCAST PET CENTRIC

284 REASON FOR APPLICATION: 1 1 - NEW 2 - RE-OPEN 3 - OWNER CHANGE NUMBER OF EMPLOYEES: 2

315 NAME OF PREVIOUS OWNER: DATE BUS ASSUMED 043094

316 CONTACT PERSON: WILLIAM MORRIS AUFDERHEIDE

***** ALL APPLICANTS PLEASE COMPLETE APPROPRIATE SUPPLEMENTARY FORMS *****

I DECLARE UNDER PENALTY OF PERJURY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THE STATEMENTS MADE HEREIN ARE CORRECT AND TRUE. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS MADE PURSUANT TO LAW AND INCIDENTAL TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THIS BUSINESS.

SIGNATURE William Morris Aufderheide DATE 4/2/94



COUNTY OF SAN DIEGO

EST. NUMBER H 53312

MEDICAL WASTE GENERATOR REQUIREMENTS

DATE 12-15-97

PAGE 2 OF 2

BUSINESS ADDRESS: Seacoast Pet Clinic 600 Palm Ave ZIP: 921932

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. and 66262.10 et. al. All violations must be corrected. Please call (619) 338-2222 or your Inspector if you have any questions.

GENERAL REQUIREMENTS:

- [] An Environmental Health Permit as a medical waste generator has not been obtained. 68.1203, 68.1204, and 117705 V4001 W
[] Unlawful disposal of untreated medical waste to an unauthorized point. 118340 V4002 W
[] Improper treatment of medical waste using an unapproved method or procedure. 118215 V4003 W
[X] Medical SOLID WASTE is not stored in a locked trash receptacle or enclosure so as to deny access to unauthorized persons. 68.1202 V4004 W
[] Improper clipping or cutting of sharps waste at the point of generation. 68.1205 V4005 W
[] Medical waste was not separated from other waste at the point of origin. 118275 V4006 W
[] Generator has not maintained reusable containers/bins for medical waste storage in a clean and sanitary manner. 118295 and 118305 V4007 W
[] Storage time exceeded for frozen medical waste, e.g. greater than 90 days. 118280 V4008 W
[] Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300 V4009 W
[] Generator has not secured the enclosure or designated accumulation area for medical waste containers so as to deny access to unauthorized persons. 118310 V4010 W
[] Operator did not post an approved and legible biohazardous waste "warning sign" in English and Spanish at the waste storage area(s). 118310 V4011 W
[] Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275 V4012 W
[] Did not place a label with the generator's name, address, and phone number on the outside of the red bag and/or sharps container. 68.1201 and 68.1205 V4013 W
[] Generator did not store sharps waste in approved and properly marked sharps container. 118275 V4014 W
[] Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025 V4015 W
[] Generator did not have standardized written operating procedures for a steam sterilizer available onsite. 118215 V4016 W
[] Did not have recording thermometer checked for calibration annually. 118215 V4017 W
[] Generator did not maintain records of thermometer calibration checks for at least 3 years. 118215 V4018 W
[] Operator did not use heat-sensitive tape or other approved method for each load of medical waste treated onsite. 118215 V4019 W
[] Need to use a biological indicator or other approved method at least once a month to confirm proper disinfection conditions. 118215 V4020 W
[] Must tie-off red bags to prevent leakage or expulsion of contents during handling and storage. 118280 V4021 W
[] Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280 V4022 W
[] Must have waste container/bin labeled on the lid and side so as to be clearly visible. 118280 V4023 W
[] Did not tape closed or tightly-lid a full sharps container ready for disposal, to preclude loss of contents. 118285 V4024 W

[X] Maximum holding time exceeded for non-putrescible medical waste, e.g. greater than 180 days. 68.1203 V4033 W

LARGE QUANTITY WASTE GENERATORS: (> 200 pounds of waste in a month)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement). 117960 and 68.1206 V4034 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117975 V4035 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 3 years. 117975 V4036 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285 V4037 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280 V4038 W

PATHOLOGY WASTE AND CHEMOTHERAPY WASTE HANDLING:

- [] Did not segregate chemotherapy waste from other medical waste. 118275 V4039 W
[] Generator did not label container holding chemotherapy waste with the words "chemotherapy waste" or other approved markings on the lid and sides. 118275 V4040 W
[] Did not segregate pathology waste from other medical waste. 118275 V4041 W
[] Generator did not label container holding pathology waste with the words "pathology waste" or other approved markings on the lid and side. 118275 V4042 W
[] Unlawful disposal of pathology waste or chemotherapy waste to an unauthorized point. 118340 V4043 W

PHARMACEUTICAL WASTE HANDLING:

- [] Generator did not segregate pharmaceutical waste from other medical waste. 118275g V4044 W
[] Generator did not label container holding pharmaceutical waste with the words "incineration only" or other approved markings on the lid and side. 118275g V4045 W
[] Storage time exceeded for pharmaceutical waste, e.g. more than 90 days. (> 10 pounds per calendar year generated) 118280e V4046 W
[] Very small quantity generator of pharmaceutical waste (e.g. <10 pounds waste /calendar year) improperly storing waste for longer than one year. 118280e V4047 W
[] Unlawful disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222 V4048 W

ONSITE MEDICAL WASTE TREATMENT FACILITY REQUIREMENTS:

- [] Operator has not obtained an onsite medical waste treatment permit from the County. 117950, 118130, 118155, and CCR 65620 V4049 W
[] Must maintain an updated and complete copy of the medical waste treatment permit onsite and available for review. CCR 65621(f), 65623, 118165, and 118180 V4050 W
[] Did not comply with a condition of the medical waste treatment permit issued by the County. CCR 65623 V4051 W

PHOTOCHEMICAL and HAZARDOUS WASTE MGMT. AND DISPOSAL:

- [] Illegal disposal of photoprocessing/ hazardous waste to the sewer, trash, etc. 25189.5 V4052 W
[] Generator has not maintained waste disposal records, e.g. manifests/milk-run receipts, onsite for 3 years. 66262.40 V4053 W
[] Generator has not obtained an EPA Identification Number from the State DTSC for hazardous waste generation, e.g. photoprocessing/hazardous waste. 66262.12 V4054 W
[] Generator did not properly label the container holding hazardous waste. 66262.34 V4055 W
[] Generator did not maintain the container holding hazardous waste tightly closed except when adding or removing waste. 66265.173 V4056 W
[] Generator did not submit a notification to the County prior to treating photochemical waste onsite (e.g. >10 gallons/month; tiered permitting). 25201.5 V4057 W

SMALL QUANTITY GENERATOR REQUIREMENTS:

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) 68.1206 and 117935 V4025 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117943 V4026 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 2 years. 117945 V4027 W
[] Need to apply for and receive a limited-quantity hauling exemption for "self-hauled" medical waste (<20 pounds of waste per week). 118030 and 118025 V4028 W
[] Did not renew a limited-quantity hauling exemption annually. 118030 V4029 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperatures (for >20 pounds/month generator). 118285 V4030 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature (>20 pounds/month generator). 118280 V4031 W
[] Very small quantity generator (e.g. <20 pounds per month) improperly storing waste for greater than 30 days onsite at room temperature. 118280 V4032 W

Handwritten signature of Establishment Representative

12-15-97 Date signed and Title



COUNTY OF SAN DIEGO

EST. NUMBER H 53312

DATE 11-21-00

MEDICAL WASTE GENERATOR REQUIREMENTS

PAGE 2 OF 2

ZIP: 91932

BUSINESS ADDRESS: 600 PALM #103

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. and 66262.10 et. al. All violations must be corrected. Please call (619) 338-2222 or your Inspector if you have any questions.

GENERAL REQUIREMENTS:

- [] An Environmental Health Permit as a medical waste generator has not been obtained. 68.1203, 68.1204, and 117705 V4101 W
[] Unlawful disposal of untreated medical waste to an unauthorized point. 118340 V4102 W
[] Improper treatment of medical waste using an unapproved method or procedure. 118215 V4103 W
[] Medical SOLID WASTE is not stored in a locked trash receptacle or enclosure so as to deny access to unauthorized persons. 68.1202 V4104 W
[] Improper clipping or cutting of sharps waste at the point of generation. 68.1205 V4105 W
[] Medical waste was not separated from other waste at the point of origin. 118275 V4106 W
[] Generator has not maintained reusable containers/bins for medical waste storage in a clean and sanitary manner. 118295 and 118305 V4107 W
[] Storage time exceeded for frozen medical waste, e.g. greater than 90 days. 118280 V4108 W
[] Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300 V4109 W
[] Generator has not secured the enclosure or designated accumulation area for medical waste containers so as to deny access to unauthorized persons. 118310 V4110 W
[] Operator did not post an approved and legible biohazardous waste "warning sign" in English and Spanish at the waste storage area(s). 118310 V4111 W
[] Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275 V4112 W
[] Did not place a label with the generator's name, address, and phone number on the outside of the red bag and/or sharps container. 68.1201 and 68.1205 V4113 W
[] Generator did not store sharps waste in approved and properly marked sharps container. 118275 V4114 W
[] Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025 V4115 W
[] Generator did not have standardized written operating procedures for a steam sterilizer available onsite. 118215 V4116 W
[] Did not have recording thermometer checked for calibration annually. 118215 V4117 W
[] Generator did not maintain records of thermometer calibration checks for at least 3 years. 118215 V4118 W
[] Operator did not use heat-sensitive tape or other approved method for each load of medical waste treated onsite. 118215 V4119 W
[] Need to use a biological indicator or other approved method at least once a month to confirm proper disinfection conditions. 118215 V4120 W
[] Must tie-off red bags to prevent leakage or expulsion of contents during handling and storage. 118280 V4121 W
[] Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280 V4122 W
[] Must have waste container/bin labeled on the lid and side so as to be clearly visible. 118280 V4123 W
[] Did not tape closed or tightly-lid a full sharps container ready for disposal, to preclude loss of contents. 118285 V4124 W

- [] Maximum holding time exceeded for non-putrescible medical waste, e.g. greater than 180 days. 68.1203 V4033 W

LARGE QUANTITY WASTE GENERATORS:

- (> 200 pounds of waste in a month)
[] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement). 117960 and 68.1206 V4034 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117975 V4035 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 3 years. 117975 V4036 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285 V4037 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280 V4038 W

PATHOLOGY WASTE AND CHEMOTHERAPY WASTE HANDLING:

- [] Did not segregate chemotherapy waste from other medical waste. 118275 V4039 W
[] Generator did not label container holding chemotherapy waste with the words "chemotherapy waste" or other approved markings on the lid and sides. 118275 V4040 W
[] Did not segregate pathology waste from other medical waste. 118275 V4041 W
[] Generator did not label container holding pathology waste with the words "pathology waste" or other approved markings on the lid and side. 118275 V4042 W
[] Unlawful disposal of pathology waste or chemotherapy waste to an unauthorized point. 118340 V4043 W

PHARMACEUTICAL WASTE HANDLING:

- [] Generator did not segregate pharmaceutical waste from other medical waste. 118275g V4044 W
[] Generator did not label container holding pharmaceutical waste with the words "incineration only" or other approved markings on the lid and side. 118275g V4045 W
[] Storage time exceeded for pharmaceutical waste, e.g. more than 90 days. (> 10 pounds per calendar year generated) 118280e V4046 W
[] Very small quantity generator of pharmaceutical waste (e.g. <10 pounds waste /calendar year) improperly storing waste for longer than one year. 118280e V4047 W
[] Unlawful disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222 V4048 W

ON-SITE MEDICAL WASTE TREATMENT FACILITY REQUIREMENTS:

- [] Operator has not obtained an onsite medical waste treatment permit from the County. 117950, 118130, 118155, and CCR 65620 V4049 W
[] Must maintain an updated and complete copy of the medical waste treatment permit onsite and available for review. CCR 65621(f), 65623, 118165, and 118180 V4050 W
[] Did not comply with a condition of the medical waste treatment permit issued by the County. CCR 65623 V4051 W

PHOTOCHEMICAL and HAZARDOUS WASTE MGMT. AND DISPOSAL:

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[] Generator did not properly label the container holding hazardous waste. 66262.34 V4055 W
[] Generator did not maintain the container holding hazardous waste tightly closed except when adding or removing waste. 66265.173 V4056 W
[] Generator did not submit a notification to the County prior to treating photochemical waste onsite (e.g. > 10 gallons/month, tiered permitting). 25201.5 V4057 W

SMALL QUANTITY GENERATOR REQUIREMENTS:

- (<200 pounds per month of waste)
[] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) 68.1206 and 117935 V4025 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117943 V4026 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 2 years. 117945 V4027 W
[] Need to apply for and receive a limited-quantity hauling exemption for "self-hauled" medical waste (<20 pounds of waste per week). 118030 and 118025 V4028 W
[] Did not renew a limited-quantity hauling exemption annually. 118030 V4029 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperatures (for > 20 pounds/month generator). 118285 V4030 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature (> 20 pounds/month generator). 118280 V4031 W
[] Very small quantity generator (e.g. <20 pounds per month) improperly storing waste for greater than 90 days onsite at room temperature. 118280 V4032 W

ESTABLISHMENT REPRESENTATIVE [Signature]

DATE SIGNED 11/21/00 TITLE [Signature]



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

J.K.

PAGE 1 OF 2 DATE 11/25/03
 PERMIT # 153312
 TIME START 10:00 END 11:10
 BUS. CODE K10
 SPECIALIST Lopez
 INSPECTION CONTACT/TITLE
 Dr. William Aufderheide / owner
 PHONE: (619) 429-7387
 V. prsd. 1/2/04 scdfante

BUSINESS NAME Seacoast Pet Clinic
 ADDRESS 600 Palm Ave #103
 CITY/ZIP Imperial Beach 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

- | | | | | | |
|--------------------------|--------------------------|---|--------------------------|--------------------------|-------------------------------------|
| Y | N/A | | Y | N/A | |
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u> / / </u> |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Routine Inspection

DEC 18 2003

No Violations Observed at this time

* Sharps container labeled & closed.

* facility does not generate any real bag waste.

* Facility must update their Medical Waste Medical Plan if there are some changes in the facility

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

William Aufderheide Date Signed 11/27/03
 Signature of Business Representative

DUM
 Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222; sdcdeh.org



COUNTY OF SAN DIEGO

MEDICAL WASTE REQUIREMENTS COMPLIANCE INSPECTION REPORT

PERMIT # 153312

DATE 11/25/03

PAGE 2 OF 2

BUSINESS ADDRESS: 600 Palm Ave # 103 1B

ZIP: 91932

VIOLATION REPORT: *The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al.*

All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

STORAGE AND LABELING

Viol #	VIOL	VIOLATION DESCRIPTION
<input type="checkbox"/>	V4201	UPF Permit not obtained. 117705, 68.905
<input type="checkbox"/>	V4202	Medical Waste (MW) not separated from other waste at point of origin. 118275
<input type="checkbox"/>	V4203	Enclosure or designated accumulation area for MW containers not secured. 118310
<input type="checkbox"/>	V4204	MW storage area not posted with an approved and legible biohazardous waste "warning sign" in English and Spanish. 118310
<input type="checkbox"/>	V4205	Medical SOLID WASTE not secured to deny access to unauthorized persons. 68.1211
<input type="checkbox"/>	V4206	Spill of MW not properly cleaned up. 118300
<input type="checkbox"/>	V4207	Sharps not stored in approved and properly marked sharps container. 118275
<input type="checkbox"/>	V4208	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. 118285
<input type="checkbox"/>	V4209	Red bags/sharps container not labeled with generator's name, address, and phone number. 68.1205, 68.1206
<input type="checkbox"/>	V4210	MW not stored in approved and properly marked red bags. 118275
<input type="checkbox"/>	V4211	Red bags not tied off to prevent leakage/expulsion of contents during handling and storage. 118280
<input type="checkbox"/>	V4212	Red bags not containerized in rigid, leak resistant, and covered containers or bins. 118280
<input type="checkbox"/>	V4213	Waste container/bin not labeled on the lid and side so as to be clearly visible. 118280
<input type="checkbox"/>	V4214	Reusable containers/bins for MW storage not kept clean/sanitary. 118295, 118305
<input type="checkbox"/>	V4215	Frozen MW stored >90 days. 118280

SMALL QTY. GENERATOR REQUIREMENTS (<200 lbs/mo MW)

Viol #	VIOL	VIOLATION DESCRIPTION
<input type="checkbox"/>	V4301	Medical Waste Mgmt. Plan (MWMP) not submitted to HMD (initial/updates if onsite treatment). 117935
<input type="checkbox"/>	V4302	Did not maintain and show proof of "onsite" medical waste treatment records for ≥3 years. 118215, 117943
<input type="checkbox"/>	V4303	Did not retain on file disposal receipts/tracking documents for waste shipped offsite for ≥2 yrs. 117945
<input type="checkbox"/>	V4304	No LQHE for "self-hauled" MW (<20 pounds of waste/wk). 118030, 118025
<input type="checkbox"/>	V4305	LQHE not renewed annually as required. 118030
<input type="checkbox"/>	V4306	Full sharps container stored >7 days at room temperature (for generators of >20lbs/month). 118285
<input type="checkbox"/>	V4307	Red bag waste stored >7 days at room temperature (for generators of >20lbs/month). 118280
<input type="checkbox"/>	V4308	Very small quantity generator (VSQG) (<20 lbs/mo.) storing MW for >30 days at room temperature. 118280
<input type="checkbox"/>	V4309	MWMP or equivalent information not onsite. 117945
<input type="checkbox"/>	V4310	Red bag waste stored >90 days at 0°C/32°F. 118280

LARGE QUANTITY GENERATOR REQUIREMENTS (≥ 200 pounds of waste generated per month)

<input type="checkbox"/>	V4351	MWMP not submitted to HMD (initial/updates). 117950, 117960, 117970
<input type="checkbox"/>	V4352	Records of MW treatment not available for ≥3 years. 118215, 117975
<input type="checkbox"/>	V4353	Not disposal receipts/tracking documents for waste shipped offsite for at least 3 years. 117975
<input type="checkbox"/>	V4354	Full sharps container stored >7 days at room temp. 118285
<input type="checkbox"/>	V4355	Red bag waste stored >7 days at room temp. 118280

TREATMENT AND DISPOSAL

<input type="checkbox"/>	V4251	MW treated by unapproved method/procedure. 118215
<input type="checkbox"/>	V4252	Standardized written operating procedures for steam sterilization not available. 118215
<input type="checkbox"/>	V4253	Recording thermometer not calibrated annually. 118215
<input type="checkbox"/>	V4254	No records of thermometer calibration checks for at least 3 years. 118215
<input type="checkbox"/>	V4255	Heat-sensitive tape/other approved method not used for each load treated onsite. 118215
<input type="checkbox"/>	V4256	Monthly biological indicator or other approved method not used to confirm proper disinfection. 118215
<input type="checkbox"/>	V4257	Onsite Steam Sterilization did not reach 121°C/250 °F for ≥ 30 minutes. 118215
<input type="checkbox"/>	V4258	Treatment records/logs of dates, time and temperature not available for ≥ 3 yrs. 118215
<input type="checkbox"/>	V4259	Disposal of untreated MW to an unauthorized point. 118340
<input type="checkbox"/>	V4260	Transportation of MW without State Hauler Registration or a Limited Quantity Hauler Exemption (LQHE) from HMD. 118025

PATHOLOGY, CHEMOTHERAPY, PHARMAC. & HAZ. WASTE

<input type="checkbox"/>	V4401	Chemo waste not segregated from other MW. 118275
<input type="checkbox"/>	V4402	Chemo waste container not properly labeled. 118275
<input type="checkbox"/>	V4403	Illegal disposal of chemo waste. 118340
<input type="checkbox"/>	V4411	Pathology waste not segregated from other MW. 118275
<input type="checkbox"/>	V4412	Pathology waste container not properly labeled. 118275
<input type="checkbox"/>	V4413	Illegal disposal of pathology waste. 118340
<input type="checkbox"/>	V4421	Pharmwaste not segregated from other MW. 118275g
<input type="checkbox"/>	V4422	Pharmwaste not properly labeled. 118275(g)
<input type="checkbox"/>	V4423	Pharmwaste stored >90 days. (≥ 10 lbs/yr) 118280(e)
<input type="checkbox"/>	V4431	VSQG of pharmwaste (<10 lb/yr) stored >1yr. 118280(e)
<input type="checkbox"/>	V4432	Illegal disposal of pharmaceutical waste. 118340, 118222
<input type="checkbox"/>	V4441	Illegal disposal of photo/hazwaste to sewer/trash. 25189.5

ONSITE MW TREATMENT FACILITY REQUIREMENTS

<input type="checkbox"/>	V4501	Onsite MW treatment permit not obtained. 117950, 118130, 118155, 65620
<input type="checkbox"/>	V4502	Current copy of the MW treatment permit not available. 65621(f), 65623, 118165, 118180
<input type="checkbox"/>	V4503	Condition(s) of the MW treatmt. permit violated. 65623

[Signature]
SIGNATURE OF BUSINESS REPRESENTATIVE

11/27/03
DATE SIGNED

DM
TITLE OF BUSINESS REPRESENTATIVE



SD

ENTERED DEC 12 2006

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 2 DATE 11/17/06
 PERMIT # 153312
 TIME START 2:00 END 3:30
 BUS. CODE K10
 SPECIALIST Quezon
 INSPECTION CONTACT/TITLE Sara Osborne / Employee
 PHONE: (619) 429-7387

BUSINESS NAME Seawest Pet Clinic
 ADDRESS 600 Palm Ave #123
 CITY/ZIP IB 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | | |
|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Y | N/A | | Y | N/A | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Permit Expires on: <u>Nov 1 06</u> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Contingency Plan available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Routine Inspection

RECEIVED NOV 05 2006

A complete inspection performed. Authorized by Sara Osborne, employee

1) Observation: Disposal receipts for sharps and pharmaceutical waste not available.
 Corrective action: Keep disposal receipts for both wastes on site for review. The last receipt for sharps was dated May 2005.

2) Observation: The Medical Waste Management Plan was not available for review.
 Corrective action: The Plan must be made available for review during inspection.

Remarks:

- Complete the Corrective Action Form and mail it to the Department within 30 days.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored. Initials of Business Representative

S Osborne

Signature of Business Representative

11/17/06

Date Signed

employee

Title of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (619) 338-2222 Fax: (619) 338-2137 1-800-253-9933 <http://www.sdcounty.ca.gov/deh/hmd/index.html>



County of San Diego

21313

MEDICAL WASTE REQUIREMENTS COMPLIANCE INSPECTION REPORT

Permit #

153312

Employee

aguedan

Date

mm/dd/yy

11/17/06

Business Address 600 Palm Ave #103 IB Zip Code 91932

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; County Code of Regulatory Ordinances Sections 68.1201 et. al.; and California Code of Regulations, Title 22 Sections 65600 et. al. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

Storage And Labeling

- | Violation | Violation Description |
|---------------------------------------|--|
| <input type="checkbox"/> <u>V4201</u> | UPF Permit not obtained. 117705, 68.905 |
| <input type="checkbox"/> <u>V4202</u> | Medical Waste (MW) not separated from other waste at point of origin. 118275 |
| <input type="checkbox"/> <u>V4203</u> | Enclosure or designated accumulation area for MW containers not secured. 118310 |
| <input type="checkbox"/> <u>V4204</u> | MW storage area not posted with an approved and legible biohazardous waste "warning sign" in English and Spanish. 118310 |
| <input type="checkbox"/> <u>V4205</u> | Medical SOLID WASTE not secured to deny access to unauthorized persons. 68.1211 |
| <input type="checkbox"/> <u>V4206</u> | Spill of MW not properly cleaned up. 118300 |
| <input type="checkbox"/> <u>V4207</u> | Sharps not stored in approved and properly marked sharps container. 118275 |
| <input type="checkbox"/> <u>V4208</u> | Full sharps container not taped, closed or tightly-lidded to preclude loss of contents. 118285 |
| <input type="checkbox"/> <u>V4209</u> | Red bags/sharps container not labeled with generator's name, address and phone number. 68.1205, 68.1206 |
| <input type="checkbox"/> <u>V4210</u> | MW not stored in approved and properly marked red bags. 118275 |
| <input type="checkbox"/> <u>V4211</u> | Red bags not tied off to prevent leakage/expulsion of contents during handling and storage. 118280 |
| <input type="checkbox"/> <u>V4212</u> | Red bags not containerized in rigid, leak resistant, and covered containers or bins. 118280 |
| <input type="checkbox"/> <u>V4213</u> | Waste container/bin not labeled on the lid and side so as to be clearly visible. 118280 |
| <input type="checkbox"/> <u>V4214</u> | Reusable containers/bins for MW storage not kept clean/sanitary. 118295, 118305 |
| <input type="checkbox"/> <u>V4215</u> | Frozen (0C/32°F) MW stored > 90 days. 118280 |
| <input type="checkbox"/> <u>V4306</u> | Full sharps container stored > 7 days at room temp. 118285 |
| <input type="checkbox"/> <u>V4307</u> | Red bag waste stored > 7 days at room temperature (for generators of > 20 lbs/month). 118280 |
| <input type="checkbox"/> <u>V4308</u> | Red bag waste stored > 30 days at room temperature (for generators of < 20 lbs/month). 118280 |

Treatment and Disposal

- V4251 MW treated by unapproved method/procedure. 118215
- V4252 Standardized written operating procedures for steam sterilization not available. 118215
- V4253 Recording thermometer not calibrated annually. 118215
- V4254 No records of thermometer calibration checks onsite for at least the past 3 years. 118215
- V4255 Heat-sensitive tape/other approved method not used for each load treated onsite. 118215
- V4256 Monthly biological indicator or other approved method not used to confirm proper disinfection. 118215
- V4257 Onsite Steam Sterilization did not reach 121° C/250° F for 30 minutes. 118215
- V4258 Treatment records/logs of dates, time and temperature not available for 3 years. 118215
- V4259 Disposal of untreated MW to an unauthorized point. 118340

Transportation Requirements

- | Violation | Violation Description |
|---------------------------------------|---|
| <input type="checkbox"/> <u>V4260</u> | Transportation of MW without State Hauler Registration or a (LQHE) from HMD. 118025 |
| <input type="checkbox"/> <u>V4304</u> | No LQHE for "self-hauled" MW (<20 pounds of waste/wk). 118030, 118025 |
| <input type="checkbox"/> <u>V4305</u> | LQHE not renewed annually as required. 118030 |
| <input type="checkbox"/> <u>V4311</u> | Medical Waste tracking documents not in vehicle transporting MW. 118040 |
| <input type="checkbox"/> <u>V4312</u> | MW tracking documents/logs not maintained for 3 years for LQHE. 118040 |

Small Quantity Generators Only (<200 lbs/mo MW)

- V4301 Medical Waste Mgmt. Plan (MWMP) not submitted to HMD (initial/updates if onsite treatment). 117935
- V4302 Did not maintain or show proof of "onsite" medical waste treatment records for 3 years. 118215, 117943
- V4303 Did not retain on file disposal receipts/tracking documents for waste shipped offsite for 2 years. 117945
- V4309 MWMP or equivalent information not onsite. 117945

Large Quantity Generators Only (>=200 lbs/mo MW)

- V4351 MWMP not submitted to HMD (initial/updates). 117950, 117960, 117970
- V4352 Records of MW treatment not available for 3 years. 118215, 117975
- V4353 Did not retain on file disposal receipts/tracking documents for at least 3 years for waste shipped offsite. 117975

Pathology, Chemotherapy, Pharmac. & Hazardous Waste

- V4401 Chemo waste not segregated from other MW. 118275
- V4402 Chemo waste container not properly labeled. 118275
- V4403 Illegal disposal of chemo waste. 118340
- V4411 Pathology waste not segregated from other MW. 118275
- V4412 Pathology waste container not properly labeled. 118275
- V4413 Illegal disposal of pathology waste. 118340
- V4421 Pharmwaste not segregated from other MW. 118275 (g)
- V4422 Pharmwaste not properly labeled. 118275(g)
- V4423 Pharmwaste stored > 90 days. (≥10 lbs/yr). 118280(e)
- V4431 VSQG of pharmwaste (<10 lb/yr) stored >1 yr. 118280(e)
- V4432 Illegal disposal of pharmaceutical waste. 118340, 118222
- V4441 Illegal disposal of photo/hazwaste to sewer/trash. 25189.5

Onsite MW Treatment Facility Requirements

- V4501 Onsite MW treatment to permit not obtained/renewed. 117950, 118130, 118115, 65620/65623
- V4502 Current copy of the MW treatment permit not available. 65621(f), 65623, 118165, 118180
- V4503 Condition(s) of the MW treatment permit violated. 65623

Sarah Chue
Signature of Business Representative

Employee
Title of Business Representative

11/17/06 HM-9255 (05-05)
Date Signed

Page _____ of _____

21313





**SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH - CUPA
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92113-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933**

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION										Page <u> </u> of <u> </u>			
FACILITY ID#				37000	BEGINNING DATE				100	ENDING DATE		101	
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)										BUSINESS PHONE			
MARY ANN V. SANVICTORES, DDS ✓										(619) 628-8123 ✓			
BUSINESS SITE ADDRESS													
600 PALM AVENUE, SUITE 116 ✓													
CITY													
IMPERIAL BEACH ✓										104	CA ✓	105	
DUN & BRADSTREET													
N/A													
COUNTY													
SAN DIEGO													
BUSINESS OPERATOR NAME										BUSINESS OPERATOR PHONE			
MARY ANN V. SANVICTORES ✓										(619) 628-8123 ✓			
II. BUSINESS OWNER													
OWNER NAME										OWNER PHONE			
MARY ANN V. SANVICTORES ✓										(619) 216-2671 ✓			
OWNER MAILING ADDRESS													
1275 WEST VAQUERO COURT													
CITY													
CHULA VISTA										114	CA	115	116
STATE													
91910													
III. ENVIRONMENTAL CONTACT													
CONTACT NAME										CONTACT PHONE			
DOUGLAS B. SANVICTORES ✓										(619) 216-2671 ✓			
CONTACT MAILING ADDRESS													
1275 WEST VAQUERO COURT													
CITY													
CHULA VISTA										120	CA	121	122
STATE													
91910													
IV. EMERGENCY CONTACTS													
-PRIMARY-						-SECONDARY-							
NAME						NAME							
ERWIN B. SANVICTORES ✓						RONALD J. CHIN ✓							
TITLE						TITLE							
BROTHER ✓						ATTORNEY AT LAW ✓							
BUSINESS PHONE						BUSINESS PHONE							
[REDACTED] ✓						[REDACTED] ✓							
24-HOUR PHONE						24-HOUR PHONE							
[REDACTED] ✓						[REDACTED] ✓							
PAGER #						PAGER #							
() N/A						() N/A							
ADDITIONAL LOCALLY COLLECTED INFORMATION:													
E-MAIL: *						E-MAIL: *							
N/A						N/A							
* This information is optional and will remain confidential. Complete if you want to receive periodic program updates from HMD. ALWAYS SUBMIT A COPY OF THIS COMPLETED PAGE WITH SUBMITTAL OF ANY OTHER UNIFIED PROGRAM CONSOLIDATED FORM.													
Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.													
SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE										DATE		NAME OF DOCUMENT PREPARER	
[Signature] ✓										10/22/03		135	
NAME OF SIGNER (print)													
MARY ANN V. SANVICTORES ✓													
TITLE OF SIGNER													
DENTIST ✓													



**SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH - CUPA
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933**

BUSINESS ACTIVITIES

Page of

I. FACILITY IDENTIFICATION

FACILITY ID #	3 7 0 0 0	EPA ID # (Hazardous Waste Only)	1
---------------	-----------	---------------------------------	---

BUSINESS NAME (Same as Facility Name of DBA-Doing Business As) 3

MARY ANN V. SANVICTORES, DDS

II. ACTIVITIES DECLARATION

**NOTE: If you check YES to any part of this list,
please submit the Business Owner/Operator Identification page (OES Form 2730).**

Does your facility...

If Yes, please complete these pages of the UPCF.

A. HAZARDOUS MATERIALS

Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?

YES NO 4

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (OES 2731)

B. UNDERGROUND STORAGE TANKS (USTs)

- Own or operate underground storage tanks?
- Intend to upgrade existing or install new USTs?

YES NO 5

UST FACILITY (Formerly SWRCB Form A)

YES NO 6

UST TANK (one page per tank) (Formerly Form B)

UST FACILITY

UST TANK (one per tank)

UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)

UST TANK (closure portion - one page per tank)

- Need to report closing a UST?

YES NO 7

C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)

Own or operate ASTs above these thresholds:
—any tank capacity is greater than 660 gallons, or
—the total capacity for the facility is greater than 1,320 gallons?

YES NO 8

NO FORM REQUIRED TO CUPAs

D. HAZARDOUS WASTE

- Generate hazardous waste?
- Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?
- Treat hazardous waste on site?
- Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?
- Consolidate hazardous waste generated at a remote site?
- Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?

YES NO 9

EPA ID NUMBER - provide at the top of this page

YES NO 10

RECYCLABLE MATERIALS REPORT (one per recycler)

YES NO 11

ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Form 1772)

ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Forms 1772 A, B, C, D and L)

YES NO 12

CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)

YES NO 13

REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1156)

YES NO 14

HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS

MEDICAL WASTE

- Generate <200 lbs/month of Medical/Biohazardous Waste?
- Generate ≥200 lbs/month of Medical/Biohazardous Waste?
- Generate ≥200 lbs/month of Medical/Biohazardous Waste and treat any amount of medical waste
- Handle Toxic gases with threshold limit concentration (TLV) # 10 ppm in any quantity?

<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO



UPF Permit#: _____

DATE INSPECTED: 3 16 04

UNIFIED PROGRAM FACILITY PERMIT APPLICATION

This business or service is required to obtain a Unified Program Facility Permit from the San Diego County Department of Environmental Health. I answered "yes" to one or more of the questions on the "Business Activities" form.

Date assumed business ownership at this location: 2 / 1 / 04

I have determined that this business or service does not require a Unified Program Facility Permit from the San Diego County Department of Environmental Health.

I declare under penalty of perjury that to the best of my knowledge and belief the statements made herein are correct and true. I consent to all necessary inspections allowed by law and incidental to the issuance of required permit(s) and the operation of this business.

Signature: [Signature] Title: DENTIST

Printed Name: MARY ANN V. SANVICTORES Date: 10-22-03

Type of Business: DENTAL OFFICE Phone #: (619) 628-8123
Area Code

Please complete the business information on the following page and return this application to the San Diego County Department of Environmental Health at:

SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261
SAN DIEGO CA 92112-9261

If a San Diego County Unified Program Facility Permit is required for your business or service a representative of this Department will contact your business. Permit fees will be determined from the contact and a billing statement will be mailed.

NOTE: If you do not use hazardous materials, generate hazardous waste, or have underground storage tanks you are still required to return this form.

A representative of the San Diego County Department of Environmental Health may contact you to verify the information provided on this application.



City of San Diego
Development Services
Information and Application Services
1222 First Ave., MS-301
San Diego, CA 92101
Appointments (619) 446-5300, Information (619) 446-5000

CK # 94 \$75-

Hazardous Materials Questionnaire

PART I: City of San Diego Development Services - Fire Hazardous Materials Plan/Check Occupancy Classification
202620 HU21-1782

Business Name: MARY ANN SANVICTORES, DDS; Contact Person: DOUGLAS SANVICTORES; Mailing Address: 1275 WEST VAGUERO COURT, CHULA VISTA, CALIFORNIA 91910; Project Address: 600 PALM AVENUE STE 116, IMPERIAL BEACH, CALIFORNIA 91932

- Will your business use, store or dispense any of the following hazardous materials? 1. Explosives or Blasting agents, 2. Compressed Gases, 3. Flammable or Combustible Liquids, 4. Flammable Solids, 5. Organic Peroxides, 6. Oxidizers, 7. Pyrophorics, 8. Unstable (Reactive) Materials, 9. Water-Reactives, 10. Cryogenics, 11. Highly Toxic or Toxic Materials, 12. Radioactives, 13. Corrosives, 14. Other Health Hazards, 15. None of These Items

PART II: San Diego County Department of Environmental Health/Hazardous Materials Division (HMD)
If the answer to any of the questions on this form is 'yes,' applicant must contact the County of San Diego Hazardous Materials Division, 1225 Imperial Avenue, 3rd floor, San Diego, CA 92101, telephone: (619) 338-2222, prior to the issuance of a building permit.

- Yes No
1. [X] [] Is your business type listed on the reverse side of this form?
2. [X] [] Will your business dispose of Hazardous Substances or Medical Wastes in any amount?
3. [] [X] Will your business store or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet or carcinogens/reproductive toxins in any quantity?
4. [] [X] Will your business use an existing or install an underground storage tank?
5. [] [] Will your business store, use or handle Regulated Substances (CalARP)?
6. [] [] Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?

OFFICE USE ONLY
REG 10-22-03
DATE: 10/22/03
INITIALS: [initials]

95247
\$75.00

PART III: San Diego Air Pollution Control District
If the answer to any of the questions on this form is 'yes,' applicant must contact the Air Pollution Control District, 19150 Chesapeake Drive, San Diego, CA 92128, telephone: (619) 550-4550, prior to the issuance of a building permit.

- Yes No
1. [] [X] Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories reverse side of this form?
2. [] [] (Answer only if the answer to question 1 is yes) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12) as listed in the current Directory of School and Community College Districts published by the San Diego County Office of Education and the current California Private School Directory compiled in accordance with provisions of Education Code Section 33190?
3. [] [] Does the building or structure for which this demolition permit is requested contain any friable asbestos?

OFFICE USE ONLY
DATE: 10/22/03
INITIALS: [initials]

Briefly describe business activity and proposed project:

DENTAL OFFICE

Name of Owner or Authorized Agent: MARY ANN SANVICTORES, DDS; Signature of Owner or Authorized Agent: [signature]; Date: 10/22/03

I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

FOR OFFICIAL USE ONLY: FIRE DEPARTMENT OCCUPANCY CLASSIFICATION:

COUNTY OF SAN DIEGO
REVIEWED
INITIALS: [initials]
DATE: 10-22-03
HMMD

AIR POLLUTION CONTROL DISTRICT
REVIEWED
INITIALS: [initials]
DATE: 10-22-03
COUNTY OF SAN DIEGO

Table with 3 columns: EXEMPT OR NO FURTHER INFORMATION REQUIRED, RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY, RELEASED FOR OCCUPANCY. Includes County HMD and APCD sub-columns.

This information is available in alternative formats for persons with disabilities. To request this information in alternative format, call (619) 446-5448 or (800) 735-2929 (TT). Be sure to see us on the World Wide Web at www.ci.san-diego.ca.us/development-services



DATE 10/22/2003

MEDICAL WASTE MANAGEMENT PLAN

Business Name: MARY ANN SANVICTORES ^{DDS} Type of Business/Practice: _____
 Site Address: 600 PALM AVENUE STE. 116, IB, CA Zip: 91932 Phone: (619) 628-8123
 Contact Person: DOUGLAS SANVICTORES Title: MANAGER
 24 Hour Emergency Phone: (619) 216-2671

GENERATION AND STORAGE OF BIOHAZARDOUS WASTE:

Describe below the type and quantity of biohazardous waste generated and managed at this facility. SEE SAMPLE PLAN AND ATTACHMENT FOR DEFINITION OF TERMS USED IN THIS PLAN

MEDICAL WASTE TYPE	QUANTITY (approx)	STORAGE (container type)	TREATMENT METHOD	ON-SITE	OFF-SITE	HAULER NAME*
BIOHAZARDOUS WASTE Sharp Waste Needles/syringes/ blades	less than 1 lb.	sharps container	N/A		✓	
Non-sharp Waste Articles containing Fluid Blood (gauze, bandages, tubing, etc.)	1-2 lbs.	biohazard bag	N/A		✓	
Solids (cultures, lab waste, etc.)	N/A	N/A	N/A		N/A	
Liquids (urine, etc.)	N/A	N/A	N/A		N/A	
Trace chemotherapy waste	N/A	N/A	N/A		N/A	
Contaminated animal carcasses	N/A	N/A	N/A		N/A	
Other	N/A	N/A	N/A		N/A	
MEDICAL SOLID WASTE Gloves, empty specimen containers, gauze with dry blood, treated biohazardous waste	N/A		N/A	N/A	N/A	

* If applicable, attach a copy of biohazardous waste hauler contract or Limited Quantity Hauler exemption.

Biohazardous WASTE STORAGE LOCATION: (Please check the appropriate box(es)).

Biohazardous Waste: Inside establishment in secured area Outside in posted, secure area
 Medical Solid Waste: Inside establishment Outside in Locked/secured dumpster

PERSONNEL TRAINING:

All personnel handling biohazardous waste have been trained in all aspects of this management plan. Training includes the legal definition of biohazardous waste, separation and proper storage, transportation, treatment, and disposal of biohazardous waste. Documentation for completed employee training will be kept onsite.

CERTIFICATION STATEMENT:

I certify that the above management plan is complete and accurate, and that this business will adhere to all aspects of the plan. I further understand that any violation of this plan or any applicable law or regulation may result in legal action.

Mary Ann Sanvictores DOUGLAS SANVICTORES
 SIGNATURE OF RESPONSIBLE PERSON TITLE
MARY ANN SANVICTORES 10, 22, 03
 NAME OF RESPONSIBLE PERSON (please print or type) DATE

DISTRIBUTION: WHITE - RETURN TO HMD
 YELLOW - BUSINESS RETAINS



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

J

PAGE 1 OF 2 DATE 3/16/04
 PERMIT # 202625
 TIME START 10:15 END 11:10
 BUS. CODE R10
 SPECIALIST Joply
 INSPECTION CONTACT/TITLE Maryann Sanvictores/DDS
 PHONE: (619) 628-8123

BUSINESS NAME Mary Ann V. Sanvictores DDS
 ADDRESS 600 Palm Ave #116
 CITY/ZIP Imperial Beach, CA 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the Uniform Hazardous Waste Control Act (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | Y | N/A | | Y | N/A | |
|---|--------------------------|---|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u> </u> / <u> </u> / <u> </u> |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |
| <input type="checkbox"/> All violations noted on this compliance inspection report were corrected during this inspection. | | | | | |

New Business Inspection

* Facility does require a permit, they generate biohazardous waste in the form of biohazard sharps

APR 14 2004

Observation Violation/ to Comply

1) Facility has one sharps container, the container did not have a label with the facility name, address & phone number. Within 2 days attach a label.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

MSV
Signature of Business Representative

03/16/04
Date Signed

DDS/CEO
Title of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222; sdcdch.org



COUNTY OF SAN DIEGO

MEDICAL WASTE REQUIREMENTS COMPLIANCE INSPECTION REPORT

PERMIT # 202620DATE 3/16/04PAGE 2 OF 2BUSINESS ADDRESS: 600 Palm Ave. #116ZIP: 91932

VIOLATION REPORT: *The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al.*

All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

STORAGE AND LABELING

Viol #	VIOL	VIOLATION DESCRIPTION
	<input type="checkbox"/>	V4201 UPF Permit not obtained. 117705, 68.905
	<input type="checkbox"/>	V4202 Medical Waste (MW) not separated from other waste at point of origin. 118275
	<input type="checkbox"/>	V4203 Enclosure or designated accumulation area for MW containers not secured. 118310
	<input type="checkbox"/>	V4204 MW storage area not posted with an approved and legible biohazardous waste "warning sign" in English and Spanish. 118310
	<input type="checkbox"/>	V4205 Medical SOLID WASTE not secured to deny access to unauthorized persons. 68.1211
	<input type="checkbox"/>	V4206 Spill of MW not properly cleaned up. 118300
	<input type="checkbox"/>	V4207 Sharps not stored in approved and properly marked sharps container. 118275
	<input type="checkbox"/>	V4208 Full sharps container not taped closed or tightly-lidded to preclude loss of contents. 118285
<u>1</u>	<input checked="" type="checkbox"/>	V4209 Red bags/sharps container not labeled with generator's name, address, and phone number. 68.1205, 68.1206
	<input type="checkbox"/>	V4210 MW not stored in approved and properly marked red bags. 118275
	<input type="checkbox"/>	V4211 Red bags not tied off to prevent leakage/expulsion of contents during handling and storage. 118280
	<input type="checkbox"/>	V4212 Red bags not containerized in rigid, leak resistant, and covered containers or bins. 118280
	<input type="checkbox"/>	V4213 Waste container/bin not labeled on the lid and side so as to be clearly visible. 118280
	<input type="checkbox"/>	V4214 Reusable containers/bins for MW storage not kept clean/sanitary. 118295, 118305
	<input type="checkbox"/>	V4215 Frozen MW stored >90 days. 118280

TREATMENT AND DISPOSAL

	<input type="checkbox"/>	V4251 MW treated by unapproved method/procedure. 118215
	<input type="checkbox"/>	V4252 Standardized written operating procedures for steam sterilization not available. 118215
	<input type="checkbox"/>	V4253 Recording thermometer not calibrated annually. 118215
	<input type="checkbox"/>	V4254 No records of thermometer calibration checks for at least 3 years. 118215
	<input type="checkbox"/>	V4255 Heat-sensitive tape/other approved method not used for each load treated onsite. 118215
	<input type="checkbox"/>	V4256 Monthly biological indicator or other approved method not used to confirm proper disinfection. 118215
	<input type="checkbox"/>	V4257 Onsite Steam Sterilization did not reach 121°C/250 °F for 30 minutes. 118215
	<input type="checkbox"/>	V4258 Treatment records/logs of dates, time and temperature not available for 3 yrs. 118215
	<input type="checkbox"/>	V4259 Disposal of untreated MW to an unauthorized point. 118340
	<input type="checkbox"/>	V4260 Transportation of MW without State Hauler Registration or a Limited Quantity Hauler Exemption (LQHE) from HMD. 118025

SMALL QTY. GENERATOR REQUIREMENTS (<200 lbs/mo MW)

Viol #	VIOL	VIOLATION DESCRIPTION
	<input type="checkbox"/>	V4301 Medical Waste Mgmt. Plan (MWMP) not submitted to HMD (initial/updates if onsite treatment). 117935
	<input type="checkbox"/>	V4302 Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215, 117943
	<input type="checkbox"/>	V4303 Did not retain on file disposal receipts/tracking documents for waste shipped offsite for 2 yrs. 117945
	<input type="checkbox"/>	V4304 No LQHE for "self-hauled" MW (<20 pounds of waste/wk). 118030, 118025
	<input type="checkbox"/>	V4305 LQHE not renewed annually as required. 118030
	<input type="checkbox"/>	V4306 Full sharps container stored >7 days at room temperature (for generators of >20lbs/month). 118285
	<input type="checkbox"/>	V4307 Red bag waste stored >7 days at room temperature (for generators of >20lbs/month). 118280
	<input type="checkbox"/>	V4308 Very small quantity generator (VSQG)(<20 lbs/mo.) storing MW for >30 days at room temperature. 118280
	<input type="checkbox"/>	V4309 MWMP or equivalent information not onsite. 117945
	<input type="checkbox"/>	V4310 Red bag waste stored >90 days at 0°C/32°F. 118280

LARGE QUANTITY GENERATOR REQUIREMENTS

(≥ 200 pounds of waste generated per month)

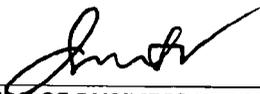
	<input type="checkbox"/>	V4351 MWMP not submitted to HMD (initial/updates). 117950, 117960, 117970
	<input type="checkbox"/>	V4352 Records of MW treatment not available for 3 years. 118215, 117975
	<input type="checkbox"/>	V4353 No disposal receipts/tracking documents for waste shipped offsite for at least 3 years. 117975
	<input type="checkbox"/>	V4354 Full sharps container stored >7 days at room temp. 118285
	<input type="checkbox"/>	V4355 Red bag waste stored >7 days at room temp. 118280

PATHOLOGY, CHEMOTHERAPY, PHARMAC. & HAZ. WASTE

	<input type="checkbox"/>	V4401 Chemo waste not segregated from other MW. 118275
	<input type="checkbox"/>	V4402 Chemo waste container not properly labeled. 118275
	<input type="checkbox"/>	V4403 Illegal disposal of chemo waste. 118340
	<input type="checkbox"/>	V4411 Pathology waste not segregated from other MW. 118275
	<input type="checkbox"/>	V4412 Pathology waste container not properly labeled. 118275
	<input type="checkbox"/>	V4413 Illegal disposal of pathology waste. 118340
	<input type="checkbox"/>	V4421 Pharmwaste not segregated from other MW. 118275g
	<input type="checkbox"/>	V4422 Pharmwaste not properly labeled. 118275(g)
	<input type="checkbox"/>	V4423 Pharmwaste stored >90 days. (≥ 10 lbs/yr) 118280(e)
	<input type="checkbox"/>	V4431 VSQG of pharmwaste (<10 lb/yr) stored >1yr. 118280(e)
	<input type="checkbox"/>	V4432 Illegal disposal of pharmaceutical waste. 118340, 118222
	<input type="checkbox"/>	V4441 Illegal disposal of photo/hazwaste to sewer/trash. 25189.5

ONSITE MW TREATMENT FACILITY REQUIREMENTS

	<input type="checkbox"/>	V4501 Onsite MW treatment permit not obtained. 117950, 118130, 118155, 65620
	<input type="checkbox"/>	V4502 Current copy of the MW treatment permit not available. 65621(f), 65623, 118165, 118180
	<input type="checkbox"/>	V4503 Condition(s) of the MW treatmt. permit violated. 65623


SIGNATURE OF BUSINESS REPRESENTATIVE

03/16/04
DATE SIGNED

DPS / CEO
TITLE OF BUSINESS REPRESENTATIVE

Permit Type: K10

ROUTE # 15

PERMIT OWNER

APPLICANT

UPFP# 202620

Owner: Mary Ann V. Sanvictores ✓

Mail to: same ✓

Site Address: 600 Palm Ave Ste 116 ✓

City/Zip Code: Imperial Beach 91932 ✓

Establishment Name: Mary Ann V. Sanvictores, DDS ✓

Phone: (619) 628-8123 ✓

Fire District: _____ CDF District: _____

HIRT Site: _____

INSPECTION:

Inspection Date: 3 / 16 / 04

SITE EPA ID NO. _____ LQHE: _____

Specialist Name: Lopez

ONSITE TREATMENT**: _____ Scope/Project: _____

PERMIT STAFF

Deactivate

POP UP ON: _____

To Specialist: _____

FOR: _____

Duplicate UPFP-NUM

SPECIALISTS: Check the box that describes the type of inspection(s) performed:

- 6H12MONTH YEARLY: UST WITH BELOW GRADE INSPECTION
- 6H18MONTH 18 MONTH: GENERAL HMD INSPECTION
- 6H24MONTH 2 YEAR: K18/K12 SM. QTY MED WASTE TREATER
- 6H36MONTH 3 YEAR: K10 SM. QTY MED WASTE GENERATOR
- 6HANNUAL YEARLY: LARGE QTY MED WASTE GEN/PLAT SHOP
- 6HTIERPMT 3 YEAR: TIERED PERMITTING INSPECTION
- 6HCLOSURE SITE CLOSURE: NO PERMIT REQUIRED

- 6HCOMPLNT COMPLAINT INSPECTION
- 6HFOLLOW FOLLOW-UP INSPECTION
- 6HNEW NEW PERMIT/CHANGE OF OWNER
- 6HAGANN YEARLY: AG SITES WITH TPQ
- 6HAG3YR TRIENNIAL: REGULAR AG SITE
- OTHER TYPE

INSPECTION CONTACT/TITLE: _____

SPECIAL INSTRUCTIONS:

USE CUPA CODES FOR ALL CHANGES. USE CUPA FORMS FOR ADDITIONS

**ONSITE TREATMENT: Indicate the number of units for each tier. EXAMPLE: PBR-1, CA-1, CESW-1

Environmental Health Specialist: _____

Date: / /

MEDICAL WASTE FACILITY

HAZARDOUS WASTE INVENTORY-CHEMICAL DESCRIPTION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)				FACILITY ID #	
Mary Ann V. Sanvictores				2 0 2 6 2 0	
WASTE STREAMS					
<input checked="" type="checkbox"/> WASTE 902 INFECTIOUS WASTE, SHARPS COMMON NAME: <i>Isolyzer</i>					
AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMNT	LARGEST CONTAINER	ANNUAL WASTE AMNT	UNITS	STORAGE CONTAINER
1	5	5	10	<input checked="" type="checkbox"/> c. POUNDS	<input checked="" type="checkbox"/> n. PLASTIC BOTTLE
HAULER:		TREATMENT CODE:		<input type="checkbox"/> Other*:	<input type="checkbox"/> Other**:
9998		105			
<input type="checkbox"/> WASTE 901 INFECTIOUS WASTE, GENERAL COMMON NAME:					
AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMNT	LARGEST CONTAINER	ANNUAL WASTE AMNT	UNITS	STORAGE CONTAINER
				<input checked="" type="checkbox"/> c. POUNDS	<input checked="" type="checkbox"/> j. BAG
HAULER:		TREATMENT CODE:		<input type="checkbox"/> Other*:	<input type="checkbox"/> Other**:
<input type="checkbox"/> WASTE 541 PHOTOCHEM/PHOTOPROC WASTE COMMON NAME:					
AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMNT	LARGEST CONTAINER	ANNUAL WASTE AMNT	UNITS	STORAGE CONTAINER
				<input checked="" type="checkbox"/> a. Gallons	<input checked="" type="checkbox"/> r. Process Equipment
HAULER:		TREATMENT CODE:		<input type="checkbox"/> Other*:	<input type="checkbox"/> Other**:

*UNITS: a) Gallons ; b) Cubic feet; c) Pounds; d) Tons

**STORAGE CONTAINER: a) Above ground tank; b) Underground tank; c) Tank inside building; d) Steel drum; e) Plastic/nonmetallic drum; f) Can; g) Carboy; h) Silo; i) Fiber drum; j) Bag; k) Box ; l) Cylinder; m) Glass bottle; n) Plastic Bottle; o) Tote bin; p) Tank wagon; q) Rail car; r) Other-Specify



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

ENTERED MAR 20 2007-NAM

PAGE 1 OF DATE 2/20/07
 PERMIT # 202620
 TIME START 12:00 END 2:00
 BUS. CODE K10
 SPECIALIST Quecan
 INSPECTION CONTACT/TITLE
Douglas Sanvictores Manager
 PHONE: (619) 628-8123

BUSINESS NAME Mary Ann V. Sanvictores, DDS
 ADDRESS 600 Palm Ave St 116
 CITY/ZIP ES 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | | |
|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|--------------------------------------|
| Y | N/A | | Y | N/A | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Permit Expires on: <u>Jul 1 / 07</u> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Routine Inspection

A complete inspection performed. Authored by Douglas Sanvictores, Manager.

Remarks:

- The medical waste management Plan was filled on site during the inspection
- Medical solid waste area kept locked; however, today the area was open due to construction. Keep area locked at all times.
- One red container on site. It is over 2 yrs. old. Dispose within 30 days. Keep for at least 3 years.

RECEIVED MAR 13 2007

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

[Signature]
Signature of Business Representative

02/20/2007
Date Signed

DDS
Title of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (619) 338-2222 Fax: (619) 338-2377 1-800-253-9933 <http://www.sdcounty.ca.gov/deh/hmd/index.html>



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

PERMIT # 205310

SPECIALIST Quecor

INSPECTION DATE: 5/4/05

CONTACT Anita Escalante

BUSINESS NAME South Bay Ind. Medicine & Urgent Care

ADDRESS 600 Palm Ave #108 A CITY IB ZIP 91932

VIOL #	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (ATTACH ANY SUPPORTING DOCUMENTATION TO THIS FORM)
v 1 4201	5-4-05	Health Permit Application submitted.
v 2 4204	5-4-05	SW X-ray (Southwest Imaging) chemical log posted ⁱⁿ X-ray room
v 3 4205	5-4-05	All gloves will be placed in Biohazard containers
v 4		in place of having a locked garbage can.
v 5	5-4-05	File created for all county documents
v 6	5-20-05	Received letter from Southwest Imaging for disposal
v 7		of fixer waste & used films.
v 8		
v 9		
v 10		

RECEIVED
 MAY 24 2005
 MAIL ROOM

I certify under penalty of law that this business/site has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the business/site, and am aware that there are significant penalties for submitting false information.

Responsible Party (Print Name): Cristina Munoz Job Title Office Manager

Signature of Responsible Party: Cristina Munoz Date: 05/20/2005

< Send completed form and supporting documentation to the address listed below >

COUNTY OF SAN DIEGO USE ONLY: Reviewed by: Quecor Date: 6/16/05

Specialist's comments: _____

All violations noted on date listed above were corrected.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PERMITS (OF 3) DATE 5/7/05
 PERMIT # K10 205310
 TIME START 12:00 END 1:30
 BUS. CODE K10
 SPECIALIST Quecon
 INSPECTION CONTACT/TITLE Arieta Escalante / Medical Assistant
 PHONE: (619) 575-7170
prosd 6/17/05 - in maintenance

BUSINESS NAME South Bay Ind. Medicine & Urgent Care
 ADDRESS 600 Palm Ave #108A
 CITY/ZIP Imperial Beach 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | | |
|---|--------------------------|---|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u> / / </u> |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |
| <input type="checkbox"/> All violations noted on this compliance inspection report were corrected during this inspection. | | | | | |

Status Verification
New Business

MAY 18 2005

A complete inspection was performed. Authorization was granted by Arieta Escalante, Medical Assistant. Your Business does not need a Health Permit due to medical waste generated: sharps and red bags and hazardous waste: Silver fixer waste. Your business must pay all applicable fees.

1) Observation: Your business is operating with out a Health Permit.

Corrective action: A completed Health Permit Application was obtained.

2) Observation: The area where biohazardous waste does not have a warning sign in English and Spanish.

Corrective action: Attach proper sign.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

[Signature]
Signature of Business Representative

05 104 05
Date Signed

Medical Assistant
Title of Business Representative



COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER H 205310

DATE: 5-4-05

PAGE: 2 OF 3

Office Use Only

BUSINESS ADDRESS: 600 Palm Ave #108 AIB ZIP CODE: 91932

3) Observation: Medical solid was observed outside the door into the alley - on the ground. The dumpster was seen open.

Corrective action: Stop leaving trash bags with medical solid waste on the ground. Dispose bags in the dumpster. Provide a lock to the dumpster and keep closed at all times.

Remarks:

- Implement a log for the service of the Silver fixer waste.
- Complete the "Corrective Action Form" Submit the form to the Department within 30 days (Atte: Quecan)
- The Medical Waste Management Plan

[Signature]
Signature of Business Representative

05/04/05
Date Signed

Medical Assistant
Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



COUNTY OF SAN DIEGO

MEDICAL WASTE REQUIREMENTS COMPLIANCE INSPECTION REPORT

PERMIT # 205310

DATE 5/4/05

PAGE 3 OF 3

BUSINESS ADDRESS: 600 Palm Ave #108A IB

ZIP: 91932

VIOLATION REPORT: *The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et al.; and the California Code of Regulations, Title 22 Sections 65600 et al.*

All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

STORAGE AND LABELING

TRANSPORTATION REQUIREMENTS

Viol #	VIOL	VIOLATION DESCRIPTION
<u>1</u>	<input checked="" type="checkbox"/> V4201	UPF Permit not obtained. 117705, 68.905
	<input type="checkbox"/> V4202	Medical Waste (MW) not separated from other waste at point of origin. 118275
	<input type="checkbox"/> V4203	Enclosure or designated accumulation area for MW containers not secured. 118310
<u>2</u>	<input checked="" type="checkbox"/> V4204	MW storage area not posted with an approved and legible biohazardous waste "warning sign" in English and Spanish. 118310
<u>3</u>	<input checked="" type="checkbox"/> V4205	Medical SOLID WASTE not secured to deny access to unauthorized persons. 68.1211
	<input type="checkbox"/> V4206	Spill of MW not properly cleaned up. 118300
	<input type="checkbox"/> V4207	Sharps not stored in approved and properly marked sharps container. 118275
	<input type="checkbox"/> V4208	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. 118285
	<input type="checkbox"/> V4209	Red bags/sharps container not labeled with generator's name, address, and phone number. 68.1205, 68.1206
	<input type="checkbox"/> V4210	MW not stored in approved and properly marked red bags. 118275
	<input type="checkbox"/> V4211	Red bags not tied off to prevent leakage/expulsion of contents during handling and storage. 118280
	<input type="checkbox"/> V4212	Red bags not containerized in rigid, leak resistant, and covered containers or bins. 118280
	<input type="checkbox"/> V4213	Waste container/bin not labeled on the lid and side so as to be clearly visible. 118280
	<input type="checkbox"/> V4214	Reusable containers/bins for MW storage not kept clean/sanitary. 118295, 118305
	<input type="checkbox"/> V4215	Frozen (0C/32 F) MW stored >90 days. 118280
	<input type="checkbox"/> V4306	Full sharps container stored >7 days at room temp 118285
	<input type="checkbox"/> V4307	Red bag waste stored >7 days at room temperature (for generators of >20lbs/month). 118280
	<input type="checkbox"/> V4308	Red bag waste stored >30 days at room temperature (for generators of <20 lbs/month). 118280

Viol #	VIOL	VIOLATION DESCRIPTION
	<input type="checkbox"/> V4260	Transportation of MW without State Hauler Registration or a (LQHE) from HMD. 118025
	<input type="checkbox"/> V4304	No LQHE for "self-hauled" MW (<20 pounds of waste/wk). 118030, 118025
	<input type="checkbox"/> V4305	LQHE not renewed annually as required. 118030
	<input type="checkbox"/> V4311	Medical Waste tracking documents not in vehicle transporting MW. 118040
	<input type="checkbox"/> V4312	MW tracking documents/logs not maintained for 3years for LQHE. 118040

SMALL QTY. GENERATORS ONLY (<200 lbs/mo) MW)

Viol #	VIOL	VIOLATION DESCRIPTION
	<input type="checkbox"/> V4301	Medical Waste Mgmt. Plan (MWMP) not submitted to HMD (initial/updates if onsite treatment). 117935
	<input type="checkbox"/> V4302	Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215, 117943
	<input type="checkbox"/> V4303	Did not retain on file disposal receipts/tracking documents for waste shipped offsite for 2 yrs. 117945
	<input type="checkbox"/> V4309	MWMP or equivalent information not onsite. 117945

REQUIREMENTS FOR LARGE QUANTITY GENERATORS ONLY (≥ 200 pounds of waste generated per month)

	<input type="checkbox"/> V4351	MWMP not submitted to HMD (initial/updates). 117950, 117960, 117970
	<input type="checkbox"/> V4352	Records of MW treatment not available for 3 years. 118215, 117975
	<input type="checkbox"/> V4353	Did not retain on file disposal receipts/tracking documents for at least 3 yrs. for waste shipped offsite. 117975

PATHOLOGY, CHEMOTHERAPY, PHARMAC. & HAZ. WASTE

	<input type="checkbox"/> V4401	Chemo waste not segregated from other MW. 118275
	<input type="checkbox"/> V4402	Chemo waste container not properly labeled. 118275
	<input type="checkbox"/> V4403	Illegal disposal of chemo waste. 118340
	<input type="checkbox"/> V4411	Pathology waste not segregated from other MW. 118275
	<input type="checkbox"/> V4412	Pathology waste container not properly labeled. 118275
	<input type="checkbox"/> V4413	Illegal disposal of pathology waste. 118340
	<input type="checkbox"/> V4421	Pharmwaste not segregated from other MW. 118275g
	<input type="checkbox"/> V4422	Pharmwaste not properly labeled. 118275(g)
	<input type="checkbox"/> V4423	Pharmwaste stored >90 days. (≥ 10 lbs/yr) 118280(e)
	<input type="checkbox"/> V4431	VSQG of pharmwaste (<10 lb/yr) stored >1yr. 118280(e)
	<input type="checkbox"/> V4432	Illegal disposal of pharmaceutical waste. 118340, 118222
	<input type="checkbox"/> V4441	Illegal disposal of photo/hazwaste to sewer/trash. 25189.5

ONSITE MW TREATMENT FACILITY REQUIREMENTS

	<input type="checkbox"/> V4501	Onsite MW treatment permit not obtained/renewed. 117950, 118130, 118155, 65620/65623.
	<input type="checkbox"/> V4502	Current copy of the MW treatment permit not available. 65621(f), 65623, 118165, 118180
	<input type="checkbox"/> V4503	Condition(s) of the MW treatmt. permit violated. 65623

TREATMENT AND DISPOSAL

	<input type="checkbox"/> V4251	MW treated by unapproved method/procedure. 118215
	<input type="checkbox"/> V4252	Standardized written operating procedures for steam sterilization not available. 118215
	<input type="checkbox"/> V4253	Recording thermometer not calibrated annually. 118215
	<input type="checkbox"/> V4254	No records of thermometer calibration checks onsite for at least the past 3 years. 118215
	<input type="checkbox"/> V4255	Heat-sensitive tape/other approved method not used for each load treated onsite. 118215
	<input type="checkbox"/> V4256	Monthly biological indicator or other approved method not used to confirm proper disinfection. 118215
	<input type="checkbox"/> V4257	Onsite Steam Sterilization did not reach 121°C/250 °F for 30 minutes. 118215
	<input type="checkbox"/> V4258	Treatment records/logs of dates, time and temperature not available for 3 yrs. 118215
	<input type="checkbox"/> V4259	Disposal of untreated MW to an unauthorized point. 118340

[Signature]
SIGNATURE OF BUSINESS REPRESENTATIVE

05/04/05
DATE SIGNED

Medical Assistant
TITLE OF BUSINESS REPRESENTATIVE



**SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH - CUPA
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933**

BUSINESS OWNER/OPERATOR IDENTIFICATION

Page ___ of ___

I. IDENTIFICATION

FACILITY ID#	37000205310	BEGINNING DATE	105	ENDING DATE	101
BUSINESS NAME (Based on FACILITY NAME or DBA - Doing Business As)	South Bay Industrial Medicine 4 Urgent Care			BUSINESS PHONE	103
BUSINESS SITE ADDRESS	600 Palm Ave. Suite 108A				108
CITY	Imperial Beach	CA	104	ZIP CODE	91932
DUN & BRADSTREET		SIC CODE (4 digit #)	106		107
COUNTY	San Diego				108
BUSINESS OPERATOR NAME	Joni LABBE			BUSINESS OPERATOR PHONE	110
				(619) 575-7170	

II. BUSINESS OWNER

OWNER NAME	Joni LABBE			OWNER PHONE	112
OWNER MAILING ADDRESS	600 Palm Ave. S. 108A				113
CITY	Imperial Beach	CA	114	ZIP CODE	91932

III. ENVIRONMENTAL CONTACT

CONTACT NAME	Joni LABBE			CONTACT PHONE	118
CONTACT MAILING ADDRESS	600 Palm Ave. Suite 108A				119
CITY	Imperial Beach	CA	120	ZIP CODE	91932

IV. EMERGENCY CONTACTS

-PRIMARY-		-SECONDARY-	
NAME	Joni Labbe	NAME	CRISTINA MUNOZ
TITLE	owner	TITLE	Off. Manager
BUSINESS PHONE		BUSINESS PHONE	
24-HOUR PHONE		24-HOUR PHONE	
PAGER #	()	PAGER #	()

ADDITIONAL LOCALLY COLLECTED INFORMATION:
E-MAIL:

*This information is optional and will remain confidential. Complete if you want to receive periodic program updates from HMD.
ALWAYS SUBMIT A COPY OF THIS COMPLETED PAGE WITH SUBMITTAL OF ANY OTHER UNIFIED PROGRAM CONSOLIDATED FORM.

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	134	NAME OF DOCUMENT PREPARER	135
Joni Labbe	4-21-05		Joni Labbe	
NAME OF SIGNER (print)	Toni LABBE	138	TITLE OF SIGNER	139
	Vice President			



**SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH - CUPA
HAZARDOUS MATERIALS DIVISION**
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2223 FAX (619) 338-2377
1-800-253-6933

BUSINESS ACTIVITIES

Page of

I. FACILITY IDENTIFICATION

FACILITY ID #	3 7 0 0 0 2 0 5 3 1 0	EPA ID # (Hazardous Waste Only)	2
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BUSINESS NAME (Same as Facility Name of DBA-Doing Business As) 3

South Bay Industrial Medicine & Urgent Care

II. ACTIVITIES DECLARATION

**NOTE: If you check YES to any part of this list,
please submit the Business Owner/Operator Identification page (OES Form 2730).**

Does your facility...	If Yes, please complete these pages of the UPCF.
<p>A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?</p>	<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 4 HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (OES 2731)</p>
<p>B. UNDERGROUND STORAGE TANKS (USTs)</p> <ul style="list-style-type: none"> ▪ Own or operate underground storage tanks? ▪ Intend to upgrade existing or install new USTs? 	<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 5 UST FACILITY (Formerly SWICB Form A) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 6 UST TANK (one page per tank) (Formerly Form B) UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C) UST TANK (closure portion - one page per tank)</p>
<p>C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operates ASTs above these thresholds: —any tank capacity is greater than 660 gallons, or —the total capacity for the facility is greater than 1,320 gallons?</p>	<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 8 NO FORM REQUIRED TO CUPAs</p>
<p>D. HAZARDOUS WASTE</p> <ul style="list-style-type: none"> ▪ Generate hazardous waste? ▪ Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)? ▪ Treat hazardous waste on site? ▪ Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)? ▪ Consolidate hazardous waste generated at a remote site? ▪ Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite? 	<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 9 EPA ID NUMBER - provide at the top of this page</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 10 RECYCLABLE MATERIALS REPORT (one per recycle)</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 11 ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Form 1772) ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Forms 1772 A, B, C, D and L) CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1233)</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 12 REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 14 HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)</p>
<p>E. LOCAL REQUIREMENTS</p> <ul style="list-style-type: none"> ▪ MEDICAL WASTE Generate <200 lbs/month of Medical/Biohazardous Waste? Generate ≥200 lbs/month of Medical/Biohazardous Waste? Generate ≥200 lbs/month of Medical/Biohazardous Waste and treat any amount of medical waste ▪ Handle Toxic gases with threshold limit concentration (TLV) # 10 ppm in any quantity? 	<p><i>None</i></p> <p><input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>



UPF Permit#: 205310

DATE INSPECTED: 5/4/05

UNIFIED PROGRAM FACILITY PERMIT APPLICATION

This business or service is required to obtain a Unified Program Facility Permit from the San Diego County Department of Environmental Health. I answered "yes" to one or more of the questions on the "Business Activities" form.

Date assumed business ownership at this location: JAN 1 1 2005

This permit does not excuse any owner or operator from complying with all applicable federal, state, county or local laws, ordinances or regulations. The owner or operator is required to determine if another permit or approval from any other agency or department is necessary. The County, by issuing this permit, does not relinquish its right to enforce any violation of law.

I have determined that this business or service does not require a Unified Program Facility Permit from the San Diego County Department of Environmental Health.

I declare under penalty of perjury that to the best of my knowledge and belief the statements made herein are correct and true. I consent to all necessary inspections allowed by law and incidental to the issuance of required permit(s) and the operation of this business.

Signature: Joni L. Abbe

Title: Vice President

Printed Name: Joni L. Abbe

Date: 4-22-05

Type of Business: Medical / Urgent Care Ctr

Phone #: (619) 575-7176
Area Code

Please complete the business information on the following page and return this application to the San Diego County Department of Environmental Health at:

SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261
SAN DIEGO CA 92112-9261

If a San Diego County Unified Program Facility Permit is required for your business or service a representative of this Department will contact your business. Permit fees will be determined from the contact and a billing statement will be mailed.

NOTE: If you do not use hazardous materials, generate hazardous waste, or have underground storage tanks you are still required to return this form.

A representative of the San Diego County Department of Environmental Health may contact you to verify the information provided on this application.



Entered
SEP 16 2008
[Signature]

SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH-CUPA
HAZARDOUS MATERIALS DIVISION
P.O. Box 129261, San Diego, CA 92112-9261
1-800-253-9933 (619) 338-2222 Fax (619) 338-2377

RECEIVED
AUG 11 2008
ENVIRONMENTAL HEALTH

HAZARDOUS MATERIALS BUSINESS PLAN CERTIFICATION

The California Health & Safety Code (H&SC), Division 20, Chapter 6.95, Section 25505 provides for the following:

The San Diego County, Department of Environmental Health, Hazardous Materials Division (HMD), as the administering agency, requires a business that handles hazardous materials to submit the hazardous materials inventory, a list of emergency contacts, and a site plan, **in lieu of a complete Hazardous Materials Business Plan (HMBP)**, only after the initial submittal of a complete HMBP. The business must certify that a complete HMBP has been prepared and is maintained at the site where the hazardous materials are stored. A complete HMBP includes the items to be submitted to the HMD and an Emergency Response Plan and Employee Training Plan, as established in H&SC Section 25504. The business must also annually certify that the HMBP is current and maintained on site. See Back for instructions and further clarification.

I. IDENTIFICATION

FACILITY ID#	110911
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	A B BRITE CLEANERS
BUSINESS SITE ADDRESS	674 PALM AV, IMPERIAL BEACH, 91932-1237
CITY	104 CA ZIP CODE 105

II. CERTIFICATION STATEMENT

CARCINOGEN/REPRODUCTIVE TOXIN ANNUAL RENEWAL WITHOUT CHANGES: This is an annual renewal to certify that the list of carcinogens and/or reproductive toxins last provided is a current list as specified in the San Diego County Code of Regulatory Ordinances Section 68.1113.

Check only one of the following boxes:

INITIAL CERTIFICATION: This is to certify (H&SC Section 25505(e)(1)) that a complete HMBP, which includes the hazardous materials inventory, a list of emergency contacts, a site plan, emergency response plan, and employee training plan, has been prepared and is maintained at the site where the hazardous materials are stored.

ANNUAL CERTIFICATION WITHOUT CHANGES: This is an annual certification (H&SC Section 25505(d)&(e)(2)) that the HMBP, which includes the hazardous materials inventory, a list of emergency contacts, a site plan, emergency response plan, and employee training plan, is current and includes all the information required in H&SC Section 25504, and 25509, and is maintained at the site where the hazardous materials are stored.

CERTIFICATION OF CHANGES/REVISIONS: This is to certify that the HMBP has been reviewed (H&SC Section 25505(c) & 25510) and all necessary changes/revisions have been made. The HMBP is current and is maintained at the site where the hazardous materials are stored. Attached are changes to the hazardous materials inventory and/or list of emergency contacts. For site map revisions, submit only the pages that have a change or revision and attach to this certification. This submittal satisfies annual certification requirements specified in H&SC Section 25505(d)&(e)(2).

As an Authorized Representative, I certify under the penalty of law, that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete. By checking any of the boxes above I also certify that : a) The information contained in the hazardous materials inventory most recently submitted to the CUPA or Administrative Agency is complete, accurate, and up to date; b) There has been no change in the quantity of hazardous materials reported in the most recently submitted inventory; and c) All hazardous materials subject to inventory requirements are listed on the most recently submitted inventory.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE <i>[Signature]</i>	DATE 8-8-08
NAME OF SIGNER (print) JESUS MURILLO	TITLE OF SIGNER OWNER

INSTRUCTIONS TO CLERICAL STAFF FOR HMBP ACCEPTANCE	<input type="checkbox"/> Site Map _____/_____/_____	*Note: Indicate the date that the inventory and/or ER contact information in the KIVA database was reviewed and changes were submitted for processing. If the inventory and ER contact information are exactly the same as it is recorded in KIVA, no changes need to be submitted.
	<input type="checkbox"/> *Emergency Contacts _____/_____/_____	
	<input type="checkbox"/> *Chemical Inventory _____/_____/_____	
Hazardous Materials Business Plan acceptance date will be changed to the acceptance date on new site map. A letter will be mailed to business after processing of site map updates.		

HIRT SITE <input type="checkbox"/> ** FIRE DIST. _____	Specialist's Signature: (only required for new plans or for changes to site maps, chemical inventory and/or emergency contacts) _____ REMARKS: _____
--	--



COMPLIANCE INSPECTION REPORT

PAGE ___ OF ___ DATE 3 25 09
 PERMIT# 110911 BUS. CODE K53
 TIME START 2:5 END ___
 SPECIALIST Fuentecilla
 INSPECTION CONTACT Jesus Murillo
 TITLE owner
 PHONE (619) 424-8080

BUSINESS NAME AB BRITE CLEANERS
 ADDRESS 674 PALM Ave
 CITY/ZIP SD 92132

On the above date, the County inspected your business under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

Y* N/A* NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | |
|--|---|--|--|
| <input checked="" type="checkbox"/> <input type="checkbox"/> | Unified Program Facility Permit current | Y* N/A* | Permit Expires on: <u>12/30/09</u> |
| <input checked="" type="checkbox"/> <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> <input type="checkbox"/> | Contingency Plan available <input type="checkbox"/> LQG <input type="checkbox"/> SQG |
| <input type="checkbox"/> <input type="checkbox"/> | Employee training is adequate | <input checked="" type="checkbox"/> <input type="checkbox"/> | Employee training records available |
| <input checked="" type="checkbox"/> <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> <input type="checkbox"/> | Universal waste managed properly |
| <input checked="" type="checkbox"/> <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> <input type="checkbox"/> | Waste containers <input type="checkbox"/> closed <input type="checkbox"/> labeled |
| <input checked="" type="checkbox"/> <input type="checkbox"/> | Chemical inventory/map current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> <input type="checkbox"/> | Waste containers in good condition |

Consent to inspect granted by: Inspection Contact Other: _____

Routine Inspection

Verified hazardous materials inventory + waste on site.

PERK + PERC waste / filters.

RECEIVED APR 10 2009

This is an annual certification that the Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

C.S.D.

Initials of Business Representative

PRINTED NAME OF BUSINESS REPRESENTATIVE

Gerardo Sainz
SIGNATURE OF BUSINESS REPRESENTATIVE

DATE SIGNED

3 25 09
TITLE OF BUSINESS REPRESENTATIVE

X Gerardo Sainz

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (619) 338-2222 Toll Free: (800) 253-9933 <http://www.sdcdeh.org>



ENTERED OCT 19 2010

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 2 DATE 9/23/10
 PERMIT# 110911 BUS. CODE K53
 TIME START 11:30 END 12:20
 SPECIALIST Fuentevilla
 INSPECTION CONTACT Gerardo Sanchez
 TITLE Mgr. / Aguirre
 PHONE (619) 424-8088

BUSINESS NAME AB BRITE CLEANERS
 ADDRESS 674 PALM AVE
 CITY/ZIP IB 91932

On the above date, the County inspected your business under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

Y* N/A* NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | | |
|---------------------------------------|------------------------------|--|-------------------------------------|------------------------------|---|
| <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Unified Program Facility Permit current | <input type="checkbox"/> Y | <input type="checkbox"/> N/A | Permit Expires on: <u> </u> / <u> </u> / <u> </u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available <input type="checkbox"/> LQG <input type="checkbox"/> SQG |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Employee training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | Employee training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Waste disposal records available for review | <input type="checkbox"/> | <input type="checkbox"/> | Universal waste managed properly |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Emergency contacts current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers <input checked="" type="checkbox"/> closed <input checked="" type="checkbox"/> labeled |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Chemical inventory/map current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Consent to inspect granted by: Inspection Contact Other:

Routine Inspection

RECEIVED OCT 13 2010

- Business is a laundry and Drycleaner.

- Bus. Mgr. Gerardo Sanchez, confirmed the hazardous materials and haz. waste inventory on site.

Note: OBSERVED 2 x 55 gal. Drum. HAZ. Waste stored on site; last disposal receipt on file was Feb 2009.

① Hazardous Materials Business Plan is not available for review

② Business plan not certified annually.

To Comply:
 Locate your HAZMAT Business plan and submit annually certification to this Dept. in 30 days

This is an annual certification that the Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

GSD

Initials of Business Representative

PRINTED NAME OF BUSINESS REPRESENTATIVE
Gerardo Sanchez

DATE SIGNED
9/23/10

SIGNATURE OF BUSINESS REPRESENTATIVE
Gerardo Sanchez

TITLE OF BUSINESS REPRESENTATIVE
Mgr

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (619) 338-2222 Toll Free: (800) 253-9933 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT
Small and Large Quantity Generators of Hazardous Waste
Handlers of Hazardous Materials

PERMIT # 110911
DATE 9/23/10
PAGE 2 OF 2

FACILITY ADDRESS: 674 Palm Ave [B] ZIP: 91932

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5, 6.67 & 6.95 of the Health and Safety Code, and/or the San Diego County Code (SDCC), Small Quantity Hazardous Waste Generator=(SQG); Large Hazardous Waste Quantity Generator=(LQG); Code 40 of Federal Regulations=(CFR). All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide this form. Please call (619) 338-2231 or your Specialist if you have any questions.

HAZARDOUS MATERIALS REQUIREMENTS

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Contains items 1001-1019 with checkboxes.

HAZWASTE REQUIREMENTS FOR LOGs & SQGs

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Contains items 0215-0227 under STORAGE AND HANDLING.

HAZWASTE REQUIREMENTS FOR SQGs ONLY

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Contains items 0225-0234 under STORAGE AND HANDLING Pursuant to 66262.34(d).

TRAINING, CONTINGENCY PLAN & ER PROCEDURES

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Contains items 0407-0412 Pursuant to 66262.34(d)(2).

HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2)

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Contains items 1612-1616.

HAZWASTE REQUIREMENTS FOR LOGs & SQGs

RECORDKEEPING

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Contains items 0131-0149.

DISPOSAL AND TRANSPORTATION

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Contains items 0301-0308.

Signature of Gerardo Saichon
SIGNATURE OF FACILITY REPRESENTATIVE

9/23/10
DATE SIGNED

TITLE OF FACILITY REPRESENTATIVE



County of San Diego

JACK MILLER
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION

ELIZABETH POZZEBON
ASSISTANT DIRECTOR

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6700 FAX (858) 505-6786
1-800-253-9933
www.sdcdmh.org

8/26/11

A B BRITE CLEANERS
674 PALM AV, IMPERIAL BEACH, 91932-1237

According to our records, documentation or other evidence of corrective action has not been received or is incomplete for violations cited during the Unified Program facility inspection performed on 9/23/2010 at:

A B BRITE CLEANERS
674 PALM AV, IMPERIAL BEACH, 91932-1237
Permit # 110911

The Hazardous Materials Division (HMD) of the Department of Environmental Health is the Certified Unified Program Agency (CUPA) for the County of San Diego. As the local CUPA, the HMD implements the Unified Program in the County and regulates businesses that manage hazardous materials, hazardous wastes, medical wastes, aboveground petroleum storage tanks and underground storage tanks.

On 9/23/2010, CARMEL FUENTECILLA of the HMD inspected your business at 674 PALM AV, IMPERIAL BEACH, 91932-1237. Our records indicate that the HMD has not received evidence of correction and/or certification of return to compliance as required by the California Health and Safety Code (H&SC) for the violations observed during the inspection. A copy of this inspection is enclosed.

Uncorrected violations from the 9/23/2010 inspection of your business are listed on the reverse of this page and on the enclosed Corrective Action Form (HM-926). Submit a written response indicating how these violations were corrected, along with any applicable supporting documentation within ten (10) business days (by 9/12/11). You may use the Corrective Action Form to show return to compliance as long as you also submit adequate supporting documentation.

If a reinspection is required to determine compliance, you will be charged a reinspection fee of \$228. The HMD may initiate formal enforcement actions including the imposition of substantial penalties for any significant violations. Violations that are not promptly corrected will result in liability for additional days in violation and additional penalties. Any failure to provide the information requested will also be a factor in determining penalties. For these purposes, significant violations include violations that represent a significant threat to human health or safety or the environment, chronic violations, violations committed by a recalcitrant violator and Class I hazardous waste violations (CCR 66260.10 and H&SC 25110.8.5).

Uncorrected violations:

Violation #	Description of Violation
6HV1013	Copy of HMBP not onsite for inspector's review. 25505(e)
6HV1017	Business Plan not certified annually. 25505(d) & (e)(2)

Mail your response to: County of San Diego
Department of Environmental Health
Hazardous Materials Division
P. O. Box 129261
San Diego, CA 92112-9261

For additional information, contact Specialist CARMEL FUENTECILLA at (858) 505-6888 or the Hazardous Materials Duty Desk at (858) 505-6880.

Sincerely,



J. M. VIZZIER, Chief
Hazardous Materials Division

Enclosures: Inspection Report
Corrective Action Form (HM-926)

cc: File #: 110911



COMPLIANCE INSPECTION REPORT

PAGE 1 OF 1 DATE 9 / 1 / 2011
PERMIT# 110911 BUS. CODE K53
TIME START 1000 END 1030
SPECIALIST B. McLERNON
INSPECTION CONTACT MIGUEL SERRANO
TITLE
PHONE

FACILITY NAME A B BRITE CLEANERS
ADDRESS 674 PALM AVE
CITY/ZIP IMPERIAL BEACH

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

Y* N/A* NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- Unified Program Facility Permit current
Hazardous Materials Business Plan available
Employee training is adequate
Waste disposal records available for review
Emergency contacts current Updated today
Chemical inventory/map current Updated today
Permit Expires on: EXPIRED
Contingency Plan available LQG SQG
Employee training records available
Universal waste managed properly
Waste containers closed labeled
Waste containers in good condition

Consent to inspect granted by: [X] Inspection Contact [] Other:

CLOSURE INSPECTION

RECEIVED MAR 16 2012

THIS INSPECTION WAS PROMPTED BY INFORMATION RECEIVED THAT A. B. BRITE CLEANERS NO LONGER USES CHEMICALS OR THE DRY CLEANING MACHINE. UPON INSPECTION IT WAS NOTED THAT THE MACHINE IS DISCONNECTED AND NOT IN USE. NO CHEMICAL WAS OBSERVED IN THE CHEMICAL TANK WINDOWS.

2 55-GALLON DRUMS CONTAINING THE WASTE FILTERS FROM THE DRY CLEANING MACHINE WERE LOCATED ONSITE, CONTACT A REGISTERED HAZARDOUS WASTE HAULER TO PICK-UP THE DRUMS A PROVIDE A COPY OF THE MANIFEST/RECIPT TO ME AS SOON AS POSSIBLE. ONCE PROOF OF PROPER DISPOSAL OF THE FILTERS IS RECEIVED YOUR PERMIT WITH COUNTY OF SAN DIEGO ENVIRONMENTAL HEALTH CAN BE INACTIVATED.

ANY QUESTIONS - CONTACT ME AT 858-505-6973
BEN McLERNON

This is an annual certification that the Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Facility Representative

PRINTED NAME OF FACILITY REPRESENTATIVE

DATE SIGNED

Miguel Serrano

9/8-11-11

SIGNATURE OF FACILITY REPRESENTATIVE

TITLE OF FACILITY REPRESENTATIVE

X Miguel Serrano

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 http://www.sdcdeh.org



ENTERED JUL 19 2012
COUNTY OF SAN DIEGO

NOTICE OF VIOLATION
UNIFIED PROGRAM FACILITY PERMIT NOT OBTAINED

PAGE 1 OF 4 DATE 6/26/12
 PERMIT# 110911 BUS. CODE K53
 TIME START 1330 END 1500
 SPECIALIST WILLIAM MUDEEN
 INSPECTION CONTACT
JESUS MURILLO
 TITLE OWNER
 PHONE (619) 424-8088

FACILITY NAME AB BRITE CLEANERS
 ADDRESS 674 PALM AV
 CITY/ZIP IMPERIAL BEACH 91932
 OWNER'S NAME JESUS MURILLO
 OWNER'S ADDRESS 674 PALM AV

PHONE (619) 424-8088
 CITY/ZIP IMPERIAL BEACH 91932

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC and the San Diego County Code of Regulatory Ordinances (SDCC). In accordance with the H&SC and the SDCC, a facility, business or property owner in San Diego County that handles, stores or disposes of hazardous substances, including medical wastes, or owns or operates an underground storage tank, must obtain a COUNTY OF SAN DIEGO UNIFIED PROGRAM FACILITY PERMIT on an annual basis. You are currently in violation of the law for not obtaining a Unified Program Facility Permit and may be subject to further legal action.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Viol# The facility above does not have a valid Unified Program Facility Permit for:

RECEIVED JUL 03 2012

- V0131** Generating, handling or storing a hazardous waste. SDCC 68.905, 65.102 & 65.104.
- V1001** Handling or storing reportable quantities of a hazardous material. SDCC 68.905, 65.102 & 65.104.
- V3101** Owning or operating an underground hazardous substance storage tank. SDCC 68.905, 65.102, 65.104, 68.1003, 68.1005, 68.1009. H&SC 25284.
- V4201** Generating medical waste. SDCC 68.905, 65.102 & 65.104. H&SC 117705.

Non-Notification Fee: Per SDCC 68.907.1, a non-notification fee will be assessed if this box is checked.

OBSERVATIONS: ACCESS GRANTED BY JESUS MURILLO

1 V0131 THE FACILITY ABOVE DOES NOT HAVE A VALID UNIFIED PROGRAM FACILITY PERMIT (UPFP) FOR GENERATING, HANDLING OR STORING A HAZARDOUS WASTE

OBSERVATION: I OBSERVED TWO (2) 55 GALLON DRUMS CONTAINING SPENT DRY CLEANING CARTRIDGE FILTERS STORED INSIDE THE FACILITY. THE FACILITIES UFP PERMIT EXPIRED 12/31/2010. THE FACILITY IS STILL OPEN FOR BUSINESS.

CORRECTIVE ACTION: PAY ALL APPLICABLE UNIFIED FACILITY PERMIT FEES AND PENALTIES TO THE COUNTY OF SAN DIEGO, HAZARDOUS MATERIALS DIVISION WITHIN TEN (10) CALENDAR DAYS OF RECEIPT OF THIS NOTICE OF VIOLATION. CONTACT AN OFFICE ASSISTANT AT (619) 338-2251 TO CONFIRM THE AMOUNT OF PERMIT FEES AND PENALTIES TO BE PAID

CORRECTIVE ACTION(S):

- Pay all applicable Unified Program Facility Permit fees and penalties to the County of San Diego, Hazardous Materials Division within ten (10) calendar days of receipt of this Notice of Violation. Contact an Office Assistant at (619) 338-2251 to confirm the amount of permit fees and penalties to be paid. [Specialist: Use this corrective action for expired permits.]
- Complete, sign and submit a Unified Program Facility Permit application within ten (10) calendar days of receipt of this Notice of Violation. [Specialist: Use this corrective action if a UPFP application is not on file.]
- Pay all applicable Unified Program Facility Permit fees and penalties within ten (10) calendar days of receipt of an invoice from the County of San Diego, Hazardous Materials Division. [Specialist: Use this corrective action for new permits.]

A Unified Program Facility Permit will only be issued after the corrective actions marked above are complete. **BE ADVISED THAT FAILURE TO OBTAIN A UNIFIED PROGRAM FACILITY PERMIT MAY RESULT IN FURTHER LEGAL ACTION.** Any person who violates the Unified Program Facility Permit requirement specified above is guilty of a misdemeanor. Every day this violation occurs constitutes a separate offense.

◀ Specialist should verify the identification of facility representative using a standard form of ID (e.g., CDL#, CA ID# or DOB). ▶

PRINTED NAME OF FACILITY REPRESENTATIVE

DATE SIGNED

Jesus Murillo
 SIGNATURE OF FACILITY REPRESENTATIVE

6-26-12
 TITLE OF FACILITY REPRESENTATIVE

X JESUS MURILLO
 SIGNATURE OF ENVIRONMENTAL HEALTH SPECIALIST

OWNER
 DATE SIGNED

William Mudeen

6/26/12

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (619) 338-2222 Toll Free: (800) 253-9933 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 2 OF 4 DATE 6/26/12
 PERMIT# 110911 BUS. CODE K53
 TIME START 1330 END 1500
 SPECIALIST WILLIAM MOOREN
 INSPECTION CONTACT
JESUS MURILLO
 TITLE OWNER
 PHONE (619) 424-8088

FACILITY NAME A.B. BRITE CLEANERS
 ADDRESS 674 PALM AV
 CITY/ZIP IMPERIAL BEACH 91932

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

- Y* N/A* NOTE: **Reinspection fees will be charged if additional inspections are required to determine compliance.**
- | | | | | |
|--------------------------|--------------------------|---|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current | Y* N/A* | Permit Expires on: <u>12/31/2010</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | Contingency Plan available <input type="checkbox"/> LQG <input type="checkbox"/> SQG |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee training is adequate | <input type="checkbox"/> | Employee training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> | Universal waste managed properly |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | Waste containers <input checked="" type="checkbox"/> closed <input type="checkbox"/> labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory/map current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | Waste containers in good condition |

Consent to inspect granted by: Inspection Contact Other:
ROUTINE INSPECTION FOR HAZARDOUS MATERIALS/WASTE MANAGEMENT; ACCESS GRANTED BY JESUS MURILLO RECEIVED JUL 03 2012

1 NOTICE OF VIOLATION VO131 THE FACILITY DOES NOT HAVE A VALID UPF PERMIT FOR GENERATING, STORING OR HANDLING A HAZARDOUS WASTE (SEE NOTICE OF VIOLATION)

2 VIOLATION 1013 COPY OF HAZARDOUS MATERIALS BUSINESS PLAN NOT ONSITE FOR INSPECTOR'S REVIEW
 OBSERVATION: HM&BP NOT ONSITE FOR REVIEW
 CORRECTIVE ACTION: SUBMIT COPY OF FULL HAZARDOUS MATERIALS BUSINESS PLAN TO ME WITHIN 30 CALENDAR DAYS. INCLUDE SITE MAP, EMPLOYEE TRAINING DESCRIPTION, EMERGENCY RESPONSE PROCEDURES AND CONTINGENCY PLAN

3 VIOLATION 0135 FAILED TO KEEP HAZARDOUS WASTE MANIFESTS/ RECEIPTS FOR 3 YEARS AVAILABLE FOR INSPECTION
 OBSERVATION: WASTE RECEIPTS/MANIFESTS NOT AVAILABLE FOR REVIEW.

NEXT PAGE

This is an annual certification that the Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored. Initials of Facility Representative

PRINTED NAME OF FACILITY REPRESENTATIVE
JESUS MURILLO
 SIGNATURE OF FACILITY REPRESENTATIVE

DATE SIGNED
6/26/12
 TITLE OF FACILITY REPRESENTATIVE
OWNER

X Jesus Murillo
 Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (858) 505-6880 http://www.sdcdelh.org



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

PERMIT # 110911
DATE 6/26/12
PAGE 3 OF 4

FACILITY ADDRESS: 674 PALM AV. IMPERIAL BEACH ZIP CODE: 91932

#3 CONTINUED: CORRECTIVE ACTION: SEND COPIES OF LAST 3 YEARS WASTE MANIFESTS/RECEIPTS TO ME WITHIN 30 CALENDAR DAYS

#4 VIOLATION 0225 ACCUMULATED WASTE TOO LONG (> 180 DAYS) OBSERVATION: I OBSERVED TWO 55 GAZ DRUMS OF DRY CLEANER WASTE FILTERS STORED ON SITE - ACCUMULATION START DATE NOT ON LABEL CORRECTIVE ACTION: PROPERLY DISPOSE OF THE TWO 55 GAZ DRUMS OF DRY CLEANER FILTER WASTE WITHIN 30 CALENDAR DAYS. SEND WASTE MANIFEST COPY (FROM CERTIFIED WASTE HANDLER) TO ME WITHIN 30 CALENDAR DAYS

5 VIOLATION 0227 FAILED TO PROPERLY LABEL/DATE HAZARDOUS WASTE CONTAINER OBSERVATION: WASTE LABELS ON (2) TWO 55 GAZLON DRUMS OF DRY CLEANER FILTERS DO NOT CONTAIN ACCUMULATION START DATE: CORRECTIVE ACTION: ADD ACCUMULATION START DATE TO WASTE LABELS AS SOON AS FIRST DROP ON WASTE IS ADDED

6 VIOLATION 1017 BUSINESS PLAN NOT CERTIFIED ANNUALLY OBSERVATION: BUSINESS PLAN HMBP HAS NOT BEEN CERTIFIED ANNUALLY (AT LEAST SINCE LAST INSPECTION ON 9/22/2010) CORRECTIVE ACTION: UPDATE HMBP AND SUBMIT COPY OF INITIAL HMBP CERTIFICATION TO ME WITHIN 30 CALENDAR DAYS

Jesus Munielos (Signature) DATE SIGNED 6/26/12 TITLE OF FACILITY REPRESENTATIVE OWNER
SIGNATURE OF FACILITY REPRESENTATIVE DATE SIGNED TITLE OF FACILITY REPRESENTATIVE
HM-9110 (06/11) NCR White: HMD Yellow: Facility DEH-Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT
Small and Large Quantity Generators of Hazardous Waste
Handlers of Hazardous Materials

PERMIT # 110911
DATE 6 126 12
PAGE 4 OF 4

FACILITY ADDRESS: 674 PALM AV IMPERIAL BEACH ZIP: 91932

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19, 22 & 27 of the California Code of Regulations (CCR), Chapters 6.5, 6.67 & 6.95 of the Health and Safety Code, and/or the San Diego County Code (SDCC) Small Quantity Hazardous Waste Generator=(SQG); Large Hazardous Waste Quantity Generator=(LQG); Code 40 of Federal Regulations=(CFR) All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide this form. Please call (858) 505-6880 or your Specialist if you have any questions.

HAZARDOUS MATERIALS REQUIREMENTS

Table with columns: Viol #, Y, VIOLATION DESCRIPTION. Contains violations 1001 through 1020, with 1013 and 1017 checked.

HAZWASTE REQUIREMENTS FOR LQGs & SQGs

Table with columns: Viol #, Y, VIOLATION DESCRIPTION. Section: STORAGE AND HANDLING. Contains violations 0214 through 0239.

HAZWASTE REQUIREMENTS FOR LQGs & SQGs RECORDKEEPING

Table with columns: Viol #, Y, VIOLATION DESCRIPTION. Section: RECORDKEEPING. Contains violations 0131 through 0149.

HAZWASTE REQUIREMENTS FOR SQGs ONLY STORAGE AND HANDLING Pursuant to 66262.34(d)

Table with columns: Viol #, Y, VIOLATION DESCRIPTION. Section: STORAGE AND HANDLING Pursuant to 66262.34(d). Contains violations 0225 through 0234.

DISPOSAL AND TRANSPORTATION

Table with columns: Viol #, Y, VIOLATION DESCRIPTION. Section: DISPOSAL AND TRANSPORTATION. Contains violations 0301 through 0308.

TRAINING, CONTINGENCY PLAN & ER PROCEDURES Pursuant to 66262.34(d)(2)

Table with columns: Viol #, Y, VIOLATION DESCRIPTION. Section: TRAINING, CONTINGENCY PLAN & ER PROCEDURES Pursuant to 66262.34(d)(2). Contains violations 0407 through 0412.

HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2)

Table with columns: Viol #, Y, VIOLATION DESCRIPTION. Section: HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2). Contains violations 1612 through 1616.

SIGNATURE OF FACILITY REPRESENTATIVE: Jesus Muller

DATE SIGNED: 1 1

TITLE OF FACILITY REPRESENTATIVE: DEH-Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261



COUNTY OF SAN DIEGO

EST. NUMBER H 10911
DATE 12/06/96
PAGE 2 OF 2

COMPLIANCE INSPECTION REPORT

BUSINESS ADDRESS: 674 Palm Ave #100 IB CA 91932

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905
- No EPA Identification Number 66262.12
- Waste Manifests/Receipts not on-site for 3 years 66262.40
- Manifest not properly completed 66262.23
- Manifest copy not sent to DTSC 66262.23
- TSDF signed-manifest not on-site 66262.40
- Biennial report not sent to DTSC 66262.41
- LDR Documentation not available 66268.7
- Exception Rpt. not filed with DTSC 66262.42
- Operating TSDF without authorization 25201

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34
- Failure to clean up hazwaste off of floor surface 66262.10b
- Waste container missing/improperly labeled 66262.34
- Haz Materials not properly labeled 25124
- Waste container not kept closed 66265.173
- Waste container in poor condition 66265.171
- Waste container(s) not properly managed 66265.173
- Damaged container not repackaged 66265.171
- Container incompatible with waste 66265.172
- Incompatibles in the same container 66265.177
- Incompatibles not stored separately 66265.177
- Ignitable Waste less than 50 feet 66265.176
- Ignitable Waste not grounded 66265.31
- Storage area not inspected weekly 66265.174

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to 25189.5
- Waste determination not made 66262.11
- Unlawful transport of haz. waste 25163
- Waste transported without manifest 66262.20
- Extremely Haz Waste Permit not obtained 25205.7

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16
- Training program not adequate 66265.16
- Facility not designed to minimize release 66265.31
- Spill control equip not available 66265.32
- Aisle space is obstructed 66265.35
- Contingency plan not prepared and/or on file 66265.51, 66265.53

MISCELLANEOUS

- Waste oil contaminated 25250.7
- Used oil filters improperly managed 66266.130
- Damaged batteries improperly managed 66266.81
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting)
- Onsite treatment of waste without authorization 25201

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105
- Business Plan not established/implemented 25503.5
- Business Plan not submitted to HMMD 25505
- Business Plan not amended 25505
- Personnel Training Records not available 19 CCR 2732

RELEASE REPORTING

- Failure to report a release/threatened release 25507

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284
- Repair/modify/close permit not obtained 68.1005
- UST Permit Application not submitted 25286(a)
- Operating permit conditions violated 2712
- Failed to notify HMMD of changes 25284
- No owner/operator agreement 25284
- No records of financial coverage 25292.2
- No maint/monit/calib records available 2712(b), 2641(j)
- Monitoring Equip. not tested annually 2630, 2641

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643
- Integrity test not conducted 25292
- Copy of tank test not submitted to HMMD within 30 days 2643
- Manual tank gauging (<2000 gal) 2645 not done properly
- Reconciliation not done properly 2646
- Reconciliation not approved for facility 2646
- Dispenser meter(s) not calib annually 2646
- Improper liquid measurements 2646
- Stick in poor condition 2646
- Improper monthly reconciliation 2646
- Failed to report excessive variation 2646
- Pressurized Product Piping Leak Device not tested annually 25292
- No written monitoring procedure 2641
- No written emergency response plan 2641
- SIR reporting incorrectly done 2646.1

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632
- No written monitoring procedure 2632
- Written emergency response plan not available 2632
- Spill/Overfill equip. not maintained or installed 2635

RELEASE REPORTING

- Failure to report an unauthorized release 25295
- Release record log not available 2651, 2650
- No leak report/investigation/action 2652

CLOSURE

- Temporary closure req. not completed 2671
- Unused tank not properly closed 25298
- Permanent closure req. not completed 2672
- Failed to apply for temporary closure 25298

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504
- Emergency Contacts not provided/current 25509
- Personnel Training Program inadequate 25504
- Inventory is incomplete 25504
- Site Map is not sufficient 25509
- Acutely Haz. Mat. not registered 25533

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

Ana Betha Rivero
ESTABLISHMENT REPRESENTATIVE

12-6-96
DATE SIGNED

Casher
TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261



EST. NO. H 10911

DATE 2-3-98

TIME START END

BUS. CODE R53

SPECIALIST RUSTON

CONTACT Jesus murillo

TITLE owner

PHONE 424-8088

COMPLIANCE INSPECTION REPORT

BUSINESS NAME AB Brite Cleaners

ADDRESS 674 Palm Ave

CITY/ZIP Imperial Beach 91932

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

FEB 12 1998

Office Use Only

Routine inspection

P#2/24/98 @

Could not locate your "Employee Training Description" or "Emergency Response Plan", or employee training records.

Make a new Employee Training Description and Emergency Response Plan using page 23 and 24 of the form provided. Make one copy and mail address below 30 days.

Employee training should cover the following topics:

- "Material Safety Data Sheets"
- Use of gloves and air-purifying respirator
- How to turn off the gas
- evacuation in case of large perc. spills or fire.

Jesus Murillo
Signature of Business Representative

2-3-98
Date Signed

OWNER
Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 10911

COMPLIANCE INSPECTION REPORT

DATE 2/3/98

PAGE 2 OF 2

BUSINESS ADDRESS: AB Bike Cleaners 674 Palm Ave #B 97932

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905 **V0108 W**
- No EPA Identification Number 66262.12 **V0105 W**
- Waste Manifests/Receipts not on-site for 3 years 66262.40 **V0118 W**
- Manifest not properly completed 66262.23 **V0120 W**
- Manifest copy not sent to DTSC 66262.23 **V0115 W**
- TSDf signed-manifest not on-site 66262.40 **V0121 W**
- Biennial report not sent to DTSC 66262.41 **V0122 W**
- LDR Documentation not available 66268.7 **V0123 W**
- Exception Rpt. not filed with DTSC 66262.42 **V0116 W**
- Operating TSDf without authorization 25201 **V0124 W**

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34 **V0221 W**
- Failure to clean up hazwaste off of floor surface 66262.10b **V0313 W**
- Waste container missing/improperly labeled 66262.34 **V0222 W**
- Haz Materials not properly labeled 25124 **V0223 W**
- Waste container not kept closed 66265.173 **V0202 W**
- Waste container in poor condition 66265.171 **V0205 W**
- Waste container(s) not properly managed 66265.173 **V0210 W**
- Damaged container not repackaged 66265.171 **V0226 W**
- Container incompatible with waste 66265.172 **V0207 W**
- Incompatibles in the same container 66265.177 **V0224 W**
- Incompatibles not stored separately 66265.177 **V0213 W**
- Ignitable Waste less than 50 feet 66265.176 **V0214 W**
- Ignitable Waste not grounded 66265.31 **V0215 W**
- Storage area not inspected weekly 66265.174 **V0216 W**

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to 25189.5 **V0313 W**
- Waste determination not made 66262.11 **V0319 W**
- Unlawful transport of haz. waste 25163 **V0315 W**
- Waste transported without manifest 66262.20 **V0316 W**
- Extremely Haz Waste Permit not obtained 25205.7 **V0317 W**

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16 **V0405 W**
- Training program not adequate 66265.16 **V0406 W**
- Facility not designed to minimize release 66265.31 **V0501 W**
- Spill control equip not available 66265.32 **V0508 W**
- Aisle space is obstructed 66265.35 **V0509 W**
- Contingency plan not prepared and/or on file 66265.51, 66265.53 **V0609 W**

MISCELLANEOUS

- Waste oil contaminated 25250.7 **V0225 W**
- Used oil filters improperly managed 66266.130 **V0701 W**
- Damaged batteries improperly managed 66266.81 **V0702 W**
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting) **V0125 W**
- Onsite treatment of waste without authorization 25201 **V0125 W**

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284 **V3002 T**
- Repair/modify/close permit not obtained 68.1005 **V3007 T**
- UST Permit Application not submitted 25286(a) **V3010 T**
- Operating permit conditions violated 2712 **V3011 T**
- Failed to notify HMMD of changes 25284 **V3012 T**
- No owner/operator agreement 25284 **V3005 T**
- No records of financial coverage 25292.2 **V3013 T**
- No maint/monit/calib records available 2712(b), 2641(j) **V3001 T**
- Monitoring Equip. not tested annually 2630, 2641 **V3003 T**

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643 **V3014 T**
- Integrity test not conducted 25292 **V3015 T**
- Copy of tank test not submitted to HMMD within 30 days 2643 **V3016 T**
- Manual tank gauging (<2000 gal) 2645 not done properly **V3017 T**
- Reconciliation not done properly 2646 **V3018 T**
- Reconciliation not approved for facility 2646 **V3019 T**
- Dispenser meter(s) not calib annually 2646 **V3020 T**
- Improper liquid measurements 2646 **V3021 T**
- Stick in poor condition 2646 **V3022 T**
- Improper monthly reconciliation 2646 **V3023 T**
- Failed to report excessive variation 2646 **V3024 T**
- Pressurized Product Piping Leak Device not tested annually 25292 **V3025 T**
- No written monitoring procedure 2641 **V3027 T**
- No written emergency response plan 2641 **V3027 T**
- SIR reporting incorrectly done 2646.1 **V3004 T**

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632 **V3026 T**
- No written monitoring procedure 2632 **V3027 T**
- Written emergency response plan not available 2632 **V3028 T**
- Spill/Overfill equip. not maintained or installed 2635 **V3029 T**

RELEASE REPORTING

- Failure to report an unauthorized release 25295 **V3009 T**
- Release record log not available 2651, 2650 **V3030 T**
- No leak report/investigation/action 2652 **V3031 T**

CLOSURE

- Temporary closure req. not completed 2671 **V3006 T**
- Unused tank not properly closed 25298 **V3032 T**
- Permanent closure req. not completed 2672 **V3033 T**
- Failed to apply for temporary closure 25298 **V3008 T**

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105 **V2001 W**
- Business Plan not established/implemented 25503.5 **V2002 W**
- Business Plan not submitted to HMMD 25505 **V2007 W**
- Business Plan not amended 25505 **V2003 W**
- Personnel Training Records not available 19 CCR 2732 **V2302 W**

RELEASE REPORTING

- Failure to report a release/threatened release 25507 **V2008 W**

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504 **V2201 W**
- Emergency Contacts not provided/current 25509 **V2203 W**
- Personnel Training Program inadequate 25504 **V2301 W**
- Inventory is incomplete 25504 **V2005 W**
- Site Map is not sufficient 25509 **V2202 W**
- Acutely Haz. Mat. not registered 25533 **V2009 W**

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

Josue Meillo
ESTABLISHMENT REPRESENTATIVE

2-3-98
DATE SIGNED

D WVC R
TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261



COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER H 10911

DATE 5 14 199

PAGE 2 OF 3

Office Use Only

BUSINESS ADDRESS: 674 Palm Ave., IMPERIAL BEACH ZIP CODE: 91932

Remarks:

- Waste oil must be disposed of as a hazardous waste. Proper documentation must be kept for disposal including date, amount, and disposal site. Waste oil container must be properly labeled Hazardous Waste and should include generator name address, hazard properties, state of waste (liquid, solid), and accumulation start date. I observed one 5-gallon container which was properly closed, and labeled during inspection.
- Observed 55 gallon drum which appeared to have a small amount of liquid in the bottom. OWNER STATES DRUM WILL BE DISPOSED WITH NEXT HAZARDOUS WASTE PICK-UP. MAINTAIN THE MANIFEST TO DOCUMENT PROPER DISPOSAL OF THE WASTE.
- Health permit valid until 12/31/99.
- Emergency response information updated.
- Manifests kept on-site for 3 years.

Jessie M. ...
Signature of Business Representative

5-14-99
Date Signed

5
Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222

DISTRIBUTION: WHITE-RETURN TO HMD
YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

EST. NUMBER H 10911

COMPLIANCE INSPECTION REPORT

DATE 5/4/99

PAGE 3 OF 3

BUSINESS ADDRESS: A. B. BRITE CLEANERS, 674 PALM AVE, IMPERIAL BEACH 91932

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905
- No EPA Identification Number 66262.12
- Waste Manifests/Receipts not on-site for 3 years 66262.40
- Manifest not properly completed 66262.23
- Manifest copy not sent to DTSC 66262.23
- TSDF signed-manifest not on-site 66262.40
- Biennial report not sent to DTSC 66262.41
- LDR Documentation not available 66268.7
- Exception Rpt. not filed with DTSC 66262.42
- Operating TSDF without authorization 25201

- V0108 W _____
- V0105 W _____
- V0118 W _____
- V0120 W _____
- V0115 W _____
- V0121 W _____
- V0122 W _____
- V0123 W _____
- V0116 W _____
- V0124 W _____

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34
- Failure to clean up hazwaste off of floor surface 66262.10b
- Waste container missing/improperly labeled 66262.34
- Haz Materials not properly labeled 25124
- Waste container not kept closed 66265.173
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- Incompatibles in the same container 66265.177
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- Ignitable Waste not grounded 66265.31
- Storage area not inspected weekly 66265.174

- V0221 W _____
- V0313 W _____
- V0319 W _____
- V0315 W _____
- V0316 W _____
- V0317 W _____
- V0222 W _____
- V0223 W _____
- V0202 W _____
- V0205 W _____
- V0210 W _____
- V0226 W _____
- V0207 W _____
- V0224 W _____
- V0213 W _____
- V0214 W _____
- V0215 W _____
- V0216 W _____

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to _____ 25189.5
- Waste determination not made 66262.11
- Unlawful transport of haz. waste 25163
- Waste transported without manifest 66262.20
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- V0313 W _____
- V0319 W _____
- V0315 W _____
- V0316 W _____
- V0317 W _____

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16
- Training program not adequate 66265.16
- Facility not designed to minimize release 66265.31
- Spill control equip not available 66265.32
- Aisle space is obstructed 66265.35
- Contingency plan not prepared and/or on file 66265.51, 66265.53 on-site

- V0405 W _____
- V0406 W _____
- V0501 W _____
- V0508 W _____
- V0509 W _____
- V0609 W _____

MISCELLANEOUS

- Waste oil contaminated 25250.7
- Used oil filters improperly managed 66266.130
- Damaged batteries improperly managed 66266.81
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting)
- Onsite treatment of waste without authorization 25201

- V0225 W _____
- V0701 W _____
- V0702 W _____
- V0125 W _____
- V0125 W _____

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284
- Repair/modify/close permit not obtained 68.1005
- UST Permit Application not submitted 25286(a)
- Operating permit conditions violated 2712
- Failed to notify HMMD of changes 25284
- No owner/operator agreement 25284
- No records of financial coverage 25292.2
- No main/monit/calib records available 2712(b), 2641(j)
- Monitoring Equip. not tested annually 2630, 2641

- V3002 T _____
- V3007 T _____
- V3010 T _____
- V3011 T _____
- V3012 T _____
- V3005 T _____
- V3013 T _____
- V3001 T _____
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- Leak Detection Method does not meet performance standards 2643
- Integrity test not conducted 25292
- Copy of tank test not submitted to HMMD within 30 days 2643
- Manual tank gauging (<2000 gal) 2645 not done properly
- Reconciliation not done properly 2646
- Reconciliation not approved for facility 2646
- Dispenser meter(s) not calib annually 2646
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- Stick in poor condition 2646
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- Failed to report excessive variation 2646
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- No written monitoring procedure 2641
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- V3014 T _____
- V3015 T _____
- V3016 T _____
- V3017 T _____
- V3018 T _____
- V3019 T _____
- V3020 T _____
- V3021 T _____
- V3022 T _____
- V3023 T _____
- V3024 T _____
- V3025 T _____
- V3027 T _____
- V3027 T _____
- V3004 T _____

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632
- No written monitoring procedure 2632
- Written emergency response plan not available 2632
- Spill/Overfill equip. not maintained or installed 2635

- V3026 T _____
- V3027 T _____
- V3028 T _____
- V3029 T _____

RELEASE REPORTING

- Failure to report an unauthorized release 25295
- Release record log not available 2651, 2650
- No leak report/investigation/action 2652

- V3009 T _____
- V3030 T _____
- V3031 T _____

CLOSURE

- Temporary closure req. not completed 2671
- Unused tank not properly closed 25298
- Permanent closure req. not completed 2672
- Failed to apply for temporary closure 25298

- V3006 T _____
- V3032 T _____
- V3033 T _____
- V3008 T _____

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RECORD KEEPING

- Health Permit not obtained SDCC 68.1105
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- Business Plan not submitted to HMMD 25505
- Business Plan not amended 25505
- Personnel Training Records not available 19 CCR 2732

- V2001 W _____
- V2002 W _____
- V2007 W _____
- V2003 W _____
- V2302 W _____

RELEASE REPORTING

- Failure to report a release/threatened release 25507

- V2008 W _____

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- Emergency Contacts not provided/current 25509
- Personnel Training Program inadequate 25504
- Inventory is incomplete 25504
- Site Map is not sufficient 25509
- Acutely Haz. Mat. not registered 25533

- V2201 W _____
- V2203 W _____
- V2301 W _____
- V2005 W _____
- V2202 W _____
- V2009 W _____

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

ESTABLISHMENT REPRESENTATIVE

DATE SIGNED

TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 129261, San Diego, CA 92112-9261

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 3
 EST. NO. H 10911
 DATE 11/17/00
 TIME START 2:00 AMEND 3:15
 BUS. CODE 453
 SPECIALIST MCCULLOUGH
 CONTACT ANGELES CRUZ
 TITLE WORKER
 PHONE (619) 424 8088

BUSINESS NAME AB BRETIE CLEANER
 ADDRESS 674 PALM AVE
 CITY/ZIP IMPERIAL BEACH 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

ROUTINE INSPECTION NOV 30 2000

- Health Permit on site expires 12/31/00
- Owner not present during inspection

Observations:

- 1) Waste Manifest/Receipts were not able to be reviewed
- 2) One black 55 gal drum in the outside rear of the building containing an unknown substance is in poor condition (rusted) and is unlabeled.
- 3) Training records were unavailable for my review.

Corrective Action:

- 1) Mail or fax to me copies of waste receipts/manifest for all hazardous waste generated by this facility for the last 3 years or call me at (619) 338-2658 for other arrangements
- 2) Immediately transfer material in this drum to a sound, leakproof container

ANGELES CRUZ NOV 17-00
 Signature of Business Representative Date Signed

Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 10911
DATE 11/17/00
PAGE 2 OF 3

SUPPLEMENTAL INSPECTION REPORT

Office Use Only

BUSINESS ADDRESS: _____ ZIP CODE: _____

and label it properly if it is a hazardous material or waste. Label (a) left on site. Do this within 10 days, as this drum is in very poor shape. Dispose of properly if not a Hazardous Waste.

3) Fax or mail me documentation of employee training for the past year. Call me at (619) 338-2658 with any questions you may have.

REMARKS -

- Label smaller containers of hazardous materials used in this establishment, especially if they contain perchloroethylene.

ANGELES (R) NOV 17-00
Signature of Business Representative Date Signed

Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

EST. NUMBER H 10911

COMPLIANCE INSPECTION REPORT

DATE 11/17/00

PAGE 3 OF 3

BUSINESS ADDRESS: 674 PALM 2B 41932

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

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LDR Documentation not available 66268.7
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Operating TSDF without authorization 25201

- V0108 W
V0105 W
V0118 W
V0120 W
V0115 W
V0121 W
V0122 W
V0123 W
V0116 W
V0124 W

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Incompatibles not stored separately 66265.177
Ignitable Waste less than 50 feet 66265.176
Ignitable Waste not grounded 66265.31
Storage area not inspected weekly 66265.174

- V0221 W
V0313 W
V0222 W
V0223 W
V0202 W
V0205 W
V0210 W
V0226 W
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Waste transported without manifest 66262.20
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V0319 W
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V0316 W
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- V0405 W
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V0701 W
V0702 W
V0125 W
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- V2001 W
V2002 W
V2007 W
V2003 W
V2302 W

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- Failure to report a release/threatened release 25507

- V2008 W

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No maint/monit/calib records available 2712(b), 2641(j)
Monitoring Equip. not tested annually 2630, 2641

- V3002 T
V3007 T
V3010 T
V3011 T
V3012 T
V3005 T
V3013 T
V3001 T
V3003 T

MONITORING REQUIREMENTS (SINGLE WALL)

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Improper monthly reconciliation 2646
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Pressurized Product Piping Leak Device not tested annually 25292
No written monitoring procedure 2641
No written emergency response plan 2641
SIR reporting incorrectly done 2646.1

- V3014 T
V3015 T
V3016 T
V3017 T
V3018 T
V3019 T
V3020 T
V3021 T
V3022 T
V3023 T
V3024 T
V3025 T
V3027 T
V3027 T
V3004 T

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- Monitoring system not functional 2632
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Spill/Overfill equip. not maintained or installed 2635

- V3026 T
V3027 T
V3028 T
V3029 T

RELEASE REPORTING

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- V3009 T
V3030 T
V3031 T

CLOSURE

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Unused tank not properly closed 25298
Permanent closure req. not completed 2672
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Personnel Training Program inadequate 25504
Inventory is incomplete 25504
Site Map is not sufficient 25509
Acutely Haz. Mat. not registered 25533

- V2201 W
V2203 W
V2301 W
V2005 W
V2202 W
V2009 W

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

ANGELES (NCR) NOV 17 2000

ESTABLISHMENT REPRESENTATIVE

DATE SIGNED

TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 129261, San Diego, CA 92112-9261

DISTRIBUTION: WHITE-RETURN TO HMM
YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FILE

PERMIT # 110911

SPECIALIST Lopez

INSPECTION DATE: 6/24/04

CONTACT Gerardo Sanchez

BUSINESS NAME AB Britz Cleaners

ADDRESS 674 Palm Ave CITY Imperial Beach ZIP 91932

VIOL #	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (ATTACH ANY SUPPORTING DOCUMENTATION TO THIS FORM)
✓ 1 v 0133	6-24-04	SEND BY MAIL DN. 6-24-04
✓ 2 v 0401	6-25-04	TRAINING GIVEN BY JESUS MURILLO
✓ 3 v 0202	6-24-04	WASTE CONTAINER LABELED
v 4		
v 5		
v 6		
v 7		
v 8		
v 9		
v 10		

I certify under penalty of law that this business/site has corrected all violations marked on the Compliance Inspection Report /Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the business/site, and am aware that there are significant penalties for submitting false information.

Responsible Party (Print Name): JESUS MURILLO Job Title OWNER

Signature of Responsible Party: Jesus Murillo Date: 6/26/04

◀ Send completed form and supporting documentation to the address listed below ▶

COUNTY OF SAN DIEGO USE ONLY: Reviewed by: R. Lopez Date: 6/16/04

Specialist's comments: _____

All violations noted on date listed above were corrected.

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222; 1-800-253-9933

RECEIVED

2004 JUN 28 AM 11 42

D. E. H.
MAILROOM



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

1 OF 3 DATE
 6/24/04
 PERMIT # 110911
 TIME START 11:40 END 1:00
 BUS. CODE K53
 SPECIALIST Lopez *File*
 INSPECTION CONTACT/TITLE Gerardo Sanchez / Asst. Mgr
 PHONE: (619) 424-8000

BUSINESS NAME AB Brite Cleaners
 ADDRESS 674 Palm Ave
 CITY/ZIP Imperial Beach 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | | |
|-------------------------------------|--|--|-------------------------------------|--------------------------|-------------------------------------|
| Y | N/A | | Y | N/A | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u>12/31/04</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input checked="" type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |
| <input type="checkbox"/> | All violations noted on this compliance inspection report were corrected during this inspection. | | | | |

Routine Inspection

JUL 16 2004

Observation/Violation/to comply

- 1) Facility has not submitted blue copies of manifests to the state of California. You are required to mail the copy within 30 days of waste pickup. Within 2 days mail the copies to the state.
- 2) Facility has not conducted training on the topics covered in the HMBP. You are required to train your employees at least once per year. Within 7 days conduct the training + submit a copy of the training record to my attention.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

Gerardo Sanchez
 Signature of Business Representative

06/24/04
 Date Signed

Asst. Mgr.
 Title of Business Representative



COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER 110911

DATE: 6/24/04

PAGE: 2 OF 3

BUSINESS ADDRESS: 674 Palm Ave ZIP CODE: 91932

Office Use Only

3) Facility has 1x55 gallon drum of waste tetrachloroethylene filters. the drums did not have a hazardous waste label attached. Within 5 days attach a new label. Label provided

Gerardo Sanchez
Signature of Business Representative

06/24/04
Date Signed

Asst. Mgr.
Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PERMIT # 110911

DATE 6/24/04

PAGE 3 OF 3

BUSINESS ADDRESS: 674 Palm Ave Imperial Beach ZIP: 91932

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

HAZARDOUS WASTE REQUIREMENTS

RECORDKEEPING

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0131 through V0145.

STORAGE AND HANDLING

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0201 through V0216.

DISPOSAL AND TRANSPORTATION

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0301 through V0304.

TRAINING, CONTINGENCY PLAN & ER PROCEDURES

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0401 through V0406.

HAZARDOUS WASTE TANK SYSTEMS

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V1601 through V1611.

HAZARDOUS MATERIALS REQUIREMENTS

BUSINESS PLAN REQUIREMENTS

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V1001 through V2553.

Signature of Gerardo Sanchez

DATE SIGNED 06/24/04

TITLE OF BUSINESS REPRESENTATIVE Asst. Mgr.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

✓ San Juan 110911 ENTERED MAR 09 2006 110911

PAGE 1 OF 1 DATE 12/12/05
PERMIT # 110911
TIME START 10:45 END 12:30
BUS. CODE K53
SPECIALIST Quecar
INSPECTION CONTACT/TITLE Maria Suarez / Employee
PHONE: (619) 424-8088

BUSINESS NAME AB Brite Cleaners
ADDRESS 674 Palm Av
CITY/ZIP IB 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | | |
|---|--------------------------|---|-------------------------------------|--------------------------|-------------------------------------|
| Y | N/A | | Y | N/A | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u>Dec 105</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |
| <input type="checkbox"/> All violations noted on this compliance inspection report were corrected during this inspection. | | | | | |

Routine Inspection RECEIVED JAN 18 2006

A complete inspection was performed. Authorization was granted by Maria Suarez, Employee.

- 1) Observation: Disposal receipts were not available for review.
Corrective action: When the Inspection contact Person is absent the must be an temporary assigned environmental contacts. Provide the Department the copy of the last manifest(s) for the waste generated at your site
- 2) Observation: The Contingency Plan / Business Plan was not available for review.
Corrective action: Locate Plan and have it available for review.
- 3) Observation: Two (5 gal) containers holding Perch were not properly labeled.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored. Initials of Business Representative

Maria Suarez Signature of Business Representative 12/12/05 Date Signed Employee Title of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (619) 338-2222 Fax: (619) 338-2137 1-800-253-9933 <http://www.sdcountry.ca.gov/deh/hmd/index.html>



COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER H 110911

DATE: 12-12-05

PAGE: 2 OF 3

Office Use Only

BUSINESS ADDRESS: 674 Dalton Ave ZIP CODE: 91932

Corrective action: All containers holding hazardous material must be labeled at all times.

4) Observation: Documented employee training was not available for review.

Corrective action: Provide/locate employee training.

Remarks:

- Complete the corrective Action Form and submit it to the Department LAtte: Quezon

Maria Juarez
Signature of Business Representative

12-12-05
Date Signed

Employee
Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PERMIT # 110911
DATE 12/12/05
PAGE OF

BUSINESS ADDRESS: 674 Palma Av T33 ZIP: 91932

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC). All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

HAZARDOUS WASTE REQUIREMENTS

TRAINING, CONTINGENCY PLAN & ER PROCEDURES

RECORDKEEPING

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0131 through V0145.

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0401 through V0406.

HAZARDOUS WASTE TANK SYSTEMS

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V1601 through V1611.

STORAGE AND HANDLING

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0201 through V0216.

HAZARDOUS MATERIALS REQUIREMENTS

BUSINESS PLAN REQUIREMENTS

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V1001 through V2553.

DISPOSAL AND TRANSPORTATION

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0301 through V0304.

Maria Juarez
SIGNATURE OF BUSINESS REPRESENTATIVE

12-12-05
DATE SIGNED

Employee
TITLE OF BUSINESS REPRESENTATIVE

ENTERED JUN 29 2007 MB

COUNTY OF SAN DIEGO



COMPLIANCE INSPECTION REPORT

PAGE 1 OF 2 DATE 5/11/07
 PERMIT # 110911
 TIME START 2:15 END 3:30
 BUS. CODE K53
 SPECIALIST Cuevas
 INSPECTION CONTACT/TITLE
Jose Aguirre / Cashier
 PHONE: (619) 424-8088

BUSINESS NAME AB Brite cleaners
 ADDRESS 674 Palm Ave
 CITY/ZIP IB 91932

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Y	N/A		Y	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit current and available			Permit Expires on: <u>Dec 1 07</u>
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan available	<input type="checkbox"/>	<input type="checkbox"/>	Contingency Plan available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is adequate	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training records available
<input type="checkbox"/>	<input type="checkbox"/>	Waste disposal records available for review	<input type="checkbox"/>	<input type="checkbox"/>	Waste containers kept closed
<input type="checkbox"/>	<input type="checkbox"/>	Emergency contacts current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste containers kept labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical inventory current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste containers in good condition

Routine Inspection

A complete inspection performed. Authorized by Jose Aguirre, Cashier.

- 1) Observation: Copy of Business Plan not available
 Corrective action: Copy of Plan must be available
- 2) Observation: Documented employee training not available
 Corrective action: Provide and document training
- 3) Observation: Disposal receipts not available
 Corrective action: Disposal receipts must be available for review during inspections.

Remarks:

- Complete the Corrective Action Form and mail it to the County within 30 days.

RECEIVED MAY 25 2007

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

[Signature]
 Signature of Business Representative

5/11/07
 Date Signed

CASHIER
 Title of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (619) 338-2222 Fax: (619) 338-2377 1-800-253-9933 <http://www.sdcounty.ca.gov/deh/hmd/index.html>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT
Small and Large Quantity Generators of Hazardous Waste
Handlers of Hazardous Materials

PERMIT # 110911
DATE 5/11/07
PAGE 2 OF 2

BUSINESS ADDRESS: 674 Palm Ave IR ZIP: 91932
VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5 & 6.95 of the Health and Safety Code, and/or the San Diego County Code (SDCC). Small Quantity Hazardous Waste Generator=(SQG); Large Hazardous Waste Quantity Generator=(LQG); Code 40 of Federal Regulations=(CFR). All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide this form. Please call (619) 338-2222 or your Specialist if you have any questions.

HAZARDOUS MATERIALS REQUIREMENTS

Table with 2 columns: Viol #, VIOLATION DESCRIPTION. Contains violations 1001 through 1017.

HAZWASTE REQUIREMENTS FOR LOGs & SQGs

Table with 2 columns: Viol #, VIOLATION DESCRIPTION. Contains violations 0216 through 0224 under STORAGE AND HANDLING.

HAZWASTE REQUIREMENTS FOR LOGs & SQGs

Table with 2 columns: Viol #, VIOLATION DESCRIPTION. Contains violations 0131 through 0149 under RECORDKEEPING.

HAZWASTE REQUIREMENTS FOR SQGs ONLY

Table with 2 columns: Viol #, VIOLATION DESCRIPTION. Contains violations 0225 through 0234 under STORAGE AND HANDLING-Pursuant to 66262.34(d).

TRAINING, CONTINGENCY PLAN & ER PROCEDURES Pursuant to 66262.34(d)(2)

Table with 2 columns: Viol #, VIOLATION DESCRIPTION. Contains violations 0407 through 0412.

DISPOSAL AND TRANSPORTATION

Table with 2 columns: Viol #, VIOLATION DESCRIPTION. Contains violations 0301 through 0308.

HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2)

Table with 2 columns: Viol #, VIOLATION DESCRIPTION. Contains violations 1612 through 1616.

SIGNATURE OF BUSINESS REPRESENTATIVE

8/11/07 DATE SIGNED

CASHIER TITLE OF BUSINESS REPRESENTATIVE

County of San Diego

DEPARTMENT OF HEALTH SERVICES

1700 Pacific Highway, San Diego, CA 92101
JAMES A. FORDE, Director



ABANDONED TANK INSPECTION REPORT AND OFFICIAL NOTICE

C1686

PC# 500
EST.# 1010507
DATE 10-8-86

ESTABLISHMENT NAME MOWYI OIL CO
SITE ADDRESS 681 Hill 75 Imperial Beach
CONTACT PERSON [Name] TITLE [Title]
TELEPHONE (619) 562-1220
Owner, Agent, Permittee

You are hereby notified that an inspection of your abandoned hazardous substance underground storage tank(s) located at 681 Hill 75 Imperial Beach was made on 10-8-86 by [Name] of the Hazardous Materials Management Unit of the County of San Diego, Department of Health Services. The condition found is noted below with the necessary response indicated.

Number of tanks removed 1
Type and capacity of tank(s) steel 1200 gallons
Condition of tank(s) good
Approximate age of tank(s) 20 yrs +/-

[X] No holes in tank and no evidence of significant soil or groundwater contamination detected this date. Excavation may be backfilled.

[] The conditions noted below must be reported and corrected in accordance with Chapters 6.5 and 6.7 of the California Health and Safety Code and Chapter 9 and 10 of the San Diego County Code.

[] Hazardous substance/waste from the tank(s) is ponded in the excavation. Immediately take steps to remove the ponded hazardous liquid from the excavation. This liquid is a hazardous waste that must be properly transported, under manifest, by a licensed hazardous waste hauler to a licensed recycling or disposal facility. Submit copies of the completed manifest forms and an Unauthorized Release Report (described below) to the Department of Health Services within 5 working days.

[] Contaminated soil and/or groundwater is present in the excavation. Determining the extent and impact of this contamination and completing any required clean-up is the responsibility of the tank owner/operator. Within 5 working days, the tank owner/operator or his agent must submit a written Unauthorized Release Report to the Department of Health Services that includes all of the following information that is known at the time of filing the report:

- a. List of type, quantity and concentration of hazardous substance released.
b. The extent of the soil or groundwater or surface water contamination due to the release based on the results of all investigations completed at the time the report is submitted.
c. Method of clean-up implemented to date and proposed clean-up actions.
d. Method and location of disposal of the released hazardous substance and any contaminated soils or groundwater or surface water.

Subsequent mitigation actions will be discussed upon review of the submitted Report and consultation with other responsible agencies.

Important Notes:

- 1. It is the responsibility of the tank owner/operator or his agent to maintain the site in a safe and secure manner.
2. Any contaminated soil/liquid removed from the site must be handled, transported and disposed of or recycled as a hazardous waste.
3. Notify the local fire department immediately if a fire or explosion hazard is present.
4. Notify the Regional Water Quality Control Board (265-5114) within 24 hours in the event of an unauthorized release.

Received [Signature]
Phone # [Number]

Inspector [Signature]
(619) 236-2222 8:00 a.m. - 5:00 p.m.



Field Observations and Notes:

1. Type of hazardous substance released: waste oil
2. Is hazardous substance ponded? NO Estimated amount _____
3. Is amount of hazardous substance release known? NO Estimated amount _____
4. Estimated depth to groundwater 5-10 FT
5. Is there an existing or potential beneficial use of the groundwater identified in the Basin Plan? NO
6. Soil conditions:

a. Is backfill discolored?	<u>Yes</u>	Estimated amount	
b. Is backfill saturated?	<u>NO</u>	Estimated amount	_____
c. Is native soil discolored?	<u>yes</u>	Estimated amount	_____
d. Is native soil saturated?	<u>yes</u>	Estimated amount	_____
e. Type of native soil (sandy, clay, etc.)	<u>CLAY</u>	Estimated amount	_____
7. Description of odors from excavation None
8. Condition of tank (holes, corrosion, deteriorated wrapping, etc.) TANK WAS GOOD, NO HOLES IT APPEARS OIL LEAKED FROM PIPES INTO TANK
9. Pipeline leak evident? Yes
10. Nearby underground vaults or utilities or basements? (Specify) UNK
11. Nearby water wells or surface waters? SD Bay-
12. Other comments/observations: There was some Black oil MUC ON THE BASE; TANK WAS SITTING BETWEEN 2 FIREGLASS BASELINE TANKS. CONTAMINATION WAS LESS THAN PROBLEM THAT COULD BE CREATED BY DISTURRING ADJACENT TANKS BACK FILL. NO PRESSURIZED SYSTEMS (PUMPS, etc) CONNECTED TO TANK I ESTIMATE LEAKAGE OF WASTE OIL WAS LESS THAN 10 GALLONS AND IT ONLY LEAKED WHENEVER TANK WAS FULL.

Tank was cleaned by Vera ind.



COUNTY OF SAN DIEGO

DEPARTMENT OF HEALTH SERVICES

1700 Pacific Highway, San Diego, CA 92101

JAMES A. FORDE, Director

FOR HMMU USE
COMPLAINT #
PC # 70 274
EST. _____

To: California Water Resources Control Board, San Diego Region
From: Hazardous Materials Management Unit (HMMU)
Re: Unauthorized Release of Hazardous Material from an Underground Storage Tank

Date: 8-28-86

Evidence of an unauthorized release of a hazardous material has been noted by HMMU staff at the site described below:

Site Address	<u>681 State Hwy 75</u>	<u>Imperial Beach</u>	<u>92032</u>
	Street	City	Zip Code
Property Owner	<u>Mobil Oil Corporation</u>		
	Name		
	<u>612 South Flower Street</u>	<u>Los Angeles</u>	<u>90051</u>
	Street	City	Zip Code
	<u>Telephone (213) 683-5520</u>		
	Telephone		
Tank Operator	<u>Craig Gallaway</u>	<u>(213) 683-5520</u>	
	Name	Telephone	

The following information is provided for your consideration and action in accordance with the authority and responsibilities of the Regional Board.

Suspected Source(s): Tank and/or piping

Amount Released: Unknown (Gallons) Unknown (Time Period)

Release Detected By:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Routine Tank Testing | <input type="checkbox"/> Evidence of Soil Contamination |
| <input type="checkbox"/> Test of Piping | <input type="checkbox"/> Detected During Tank Removal |
| <input type="checkbox"/> Inventory Audit | <input type="checkbox"/> Evidence of Leaky Tank |
| <input type="checkbox"/> Monitoring Device/Well | <input type="checkbox"/> Detected During Tank Removal |
| | <input type="checkbox"/> Other |

Description of underground tank systems on property (number, type, age, capacity, material stored, evidence of leakage). Waste oil tank failed a precision test

Date Release Reported to or Detected by HMMU: 8-28-86

Contact With Other Agencies: _____

Additional Comments:

Please call the HMMU at 236-2222 if you have questions or comments regarding the above

HMMU Staff: Kevin M. Stanton

C-1686
H05459



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR
(619) 236-2237

DEPARTMENT OF HEALTH SERVICES

1700 PACIFIC HIGHWAY, SAN DIEGO, CALIFORNIA 92101-2417

ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT DIVISION
P.O. BOX 85261
SAN DIEGO, CA 92138-5261
(619) 236-2222

October 8, 1987

- 001

R. J. Edwards
Mobil Oil Corporation
3800 West Alameda Avenue, Suite 700
Burbank, CA 91505-4331

RE: UNAUTHORIZED RELEASE T0274
STATION #18-FPL, 681 STATE HIGHWAY 75, IMPERIAL BEACH, CA

Dear Mr. Edwards:

A complete review of our files indicate that the waste oil tank at the above referenced site failed a precision test on August 27, 1986. Subsequently this tank was removed under permit on October 8, 1986. At the time of removal our inspector indicated there was no visually observed significant soil contamination associated with the waste oil tank. Based on these observations no further action is necessary at this time.

Should any information come to light in the future to indicate that an unauthorized release (leak) has occurred at this site, please be advised that the unauthorized release must be reported to the HMMD within 24 hours in accordance with Section 25295 of the California Health and Safety Code.

Please do not hesitate to call me at (619) 236-2222 if you have any questions regarding this matter.

Sincerely,

Kevin M. Heaton
KEVIN M. HEATON, Hydrogeologist
Hazardous Materials Management Division

KMH:bfh

cc: Scott Hugenberger, RWQCB

Unauthorized Release of Hazardous Substance
 from an Underground Storage Tank for
 Division Chief's Signature

File No. T0274

Date Submitted 10-1-87

Facility Name Mobil Station #18-FPL

Operator Mobil Oil Corporation Phone ⁽²¹³⁾ 683-5520

Address at Site 681 State Highway 75, Imperial Beach, CA 92032

Mailing Address (if different) 612 South Flower Street, LA Ca 90051

Corporate Contact Person Jane Keith Phone ⁽²¹³⁾ 683-5520

Name of Specialist Filing Letter Kevin Heaton Phone 736-2222

	Yes	No	NA
Source Contained	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Off Site Impacts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Beneficial Use Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Known Public Health Risks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Further Environmental Monitoring Required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Consultant's Report on File	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Release was a failed precision test. Tank was removed on October 8, 1986 and Inspector indicated there was no evidence of significant soil contamination.



COUNTY OF SAN DIEGO

DEPARTMENT OF HEALTH SERVICES

1700 Pacific Highway, San Diego, CA 92101



HAZARDOUS MATERIALS
MANAGEMENT UNIT
236-2222

OFFICIAL NOTICE

PC # _____

EST # _____

UR # MO 274

HYDROGRAPHIC UNIT _____

ESTABLISHMENT NAME Mobil Station 18-FPL DATE 8-28-86

SITE ADDRESS 681 State Hwy 75 CITY Imperial Beach ZIP 92032

OPERATOR Craig Galloway TITLE _____

TELEPHONE (213) 683-5520

PROPERTY OWNER Mobil Oil Corporation

ADDRESS 612 South Flower Street CITY Los Angeles ZIP 90051

TELEPHONE (213) 683-5520

You are hereby notified that it is our information that the underground hazardous substance storage facility located at (address) 681 State Hwy 75 (city) Imperial Beach (zip) _____ has experienced an Unauthorized Release (leak). This information was provided to this Department by Mr Craig Galloway

The conditions created by the Unauthorized Release must be reported and corrected in accordance with Chapter 6.7 of the California Health and Safety Code and Title 23, Chapter 3, Subchapter 16 of the California Administrative Code.

It is the responsibility of the tank owner or operator to determine the extent and impact of the Unauthorized Release and to complete any required clean-up.

Within five working days of receipt of this Official Notice, the tank owner/operator or his agent must submit a written Unauthorized Release Report to the Hazardous Materials Management that includes all of the following information that is known at the time of filing the report:

- a. List of type, quantity, and concentration of hazardous substance released.
- b. The extent of the soil or groundwater or surface water contamination due to the release based on the results of all investigations completed at the time the report is submitted.

- c. Method of clean-up implemented to date and proposed clean-up actions.
- d. Method and location of disposal of the released hazardous substance and any contaminated soils or groundwater or surface water.

Subsequent mitigation actions will be discussed upon review of the submitted report and consultation with other responsible agencies.

IMPORTANT NOTES:

1. Notify the local Fire Department immediately if a fire or explosion hazard is present.
2. Notify the Regional Water Quality Control Board (265-5114) with 24 hours regarding this Unauthorized Release.
3. Until the clean-up is complete, the owner or operator shall submit a status report to the Hazardous Materials Management Unit (HMMU) every 3 months or at a more frequent interval specified by the HMMU.
4. It is the responsibility of the tank owner/operator or his agent to maintain the site in a safe and secure manner.
5. Any contaminated soil/liquid removed from the site must be handled, transported and disposed of or recycled as a hazardous waste.
6. Copies of all manifests used to haul and dispose of contaminated soils, groundwater, or materials from the site must be submitted to the HMMU.
7. It shall be unlawful for a person to construct, install, modify, operate, maintain, remove or destroy an underground storage tank used for the storage of hazardous substances without first obtaining a permit as specified in Ordinance No. 7023, Chapter 10, Division 8, Title 6 of the San Diego County Code.

Date 8-28-86

Received By _____

Hazardous Materials Specialist Kevin M Heaton

Copy to be Sent to: Scott Hugenburger, RWQCB

CHECK APPROPRIATE BOX:

MINUTES OF MEETING

TELEPHONE CONVERSATION

DATE 8-28-86 TIME 4:15 pm LOCATION Office

ATTENDEES/AGENCIES REPRESENTED* _____

PHONE NO. () _____

PERSON CALLING/CALLED _____

AGENCY REPRESENTED _____

CONVERSATION*/MINUTES Mobil

18-GCX, 170 Emerald Dr Vista Ca Waste Oil Tank Failure

Precision test wall pump out and fill.

18-FPL, 681 State Hwy 75, Imperial Beach, Ca

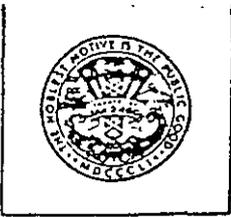
Waste Oil Tank Failures

NAME _____ SIGNED _____

AGENCY - S.D. COUNTY DEPARTMENT OF HEALTH SERVICES; DIVISION OF ENVIRONMENTAL HEALTH

* A sign-in sheet should be passed around at the beginning of the meeting, allowing all representatives to sign their name, list the agency they are representing, and telephone number.

* Brief summary of subject, agreements, directions, and/or instructions and



COUNTY OF SAN DIEGO

DEPARTMENT OF HEALTH SERVICES

1700 Pacific Highway, San Diego, CA 92101



DIVISION OF ENVIRONMENTAL HEALTH PROTECTION
HAZARDOUS MATERIALS MANAGEMENT UNIT
(619) 236-2222

DATE:

MEMORANDUM FOR: California Regional Water Quality Control Board, San Diego Region
FROM: Hazardous Materials Management Unit (HMMU)
SUBJECT: UNAUTHORIZED RELEASE OF HAZARDOUS MATERIAL FROM AN UNDERGROUND STORAGE TANK T# 1392 / H05959

Evidence of an unauthorized release of a hazardous material has been noted by HMMU staff at the site described below:

Site Address	<u>681 HWY. 75</u>	<u>IMPERIAL BEACH</u>	<u> </u>
	Street	City	Zip Code
Property Owner	<u>MOBIL OIL CORP.</u>	<u> </u>	<u> </u>
	Name	<u>3800 W. ALAMEDA AV.</u>	<u>BURBANK</u>
	Street	City	Zip Code
	Telephone	<u>(818) 953-2519</u>	<u> </u>
Tank Operator	<u>ABELARDO RAMIREZ</u>	<u>424-3366</u>	<u> </u>
	Name	Telephone	<u> </u>

The following information is provided for your consideration and action in accordance with the authority and responsibilities of the Regional Board.

Suspected Source(s) GASOLINE TANKS AND/OR PIPING
Amount Released UNK. (Gallons) UNK. (Time Period)

Release Detected By:

- | | |
|--|--|
| <input type="checkbox"/> Routine Tank Testing | <input type="checkbox"/> Evidence of Soil Contamination Detected During Tank Removal |
| <input type="checkbox"/> Test of Piping | <input type="checkbox"/> Evidence of Leaky Tank Detected During Tank Removal |
| <input type="checkbox"/> Inventory Audit | <input checked="" type="checkbox"/> Other SITE ASSESSMENT |
| <input checked="" type="checkbox"/> Monitoring Device/Well | |

Description of underground tank systems on property (number, type, age, capacity, material stored, evidence of leakage). 3 TANKS 10K, 8K AND 6K GASOLINE

Date Release Reported to or Detected by HMMU MAY 8, 1989

Contact With Other Agencies RWQCB

Additional Comments:

SITE ASSESSMENT REPORT SUBMITTED BY MOBIL AND PREPARED BY OWEN CONSULTANTS. LOW LEVEL SOIL CONTAM. WITH MODERATE GROUND WATER CONTAMINATION.

Please call the HMMU at 236-2222 if you have questions or comments regarding the above.

HMMU Staff Donna L. Prew

T 1392

PROPERTY OWNER ACCORDING TO THE
TAX ASSESSORS OFFICE ON 6/2/89
IS :

MOBIL OIL CORP.
PROPERTY TAX DEPT.
P.O. BOX 290
DALLAS , TEXAS
75221

**HAZARDOUS MATERIALS MANAGEMENT DIVISION
UNDERGROUND TANK REMOVAL/CLOSURE REPORT**

FIRE AGENCY PRESENT?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
PERMIT NO.	_____
DEPT.	_____
% L.E.L.	_____

ESTABLISHMENT # A05459 PLAN CHECK # RT 0178
 SITE NAME Mobil oil PHONE _____

SITE ADDRESS 681 Elm Ave (Hwy 75), Imperial Beach CITY/ ZIP CODE 91932
 CONTRACTOR Bonsall Petroleum PHONE 631-0526

NUMBER OF TANKS Soil Sampling for Complete Repipe REMOVAL CLOSURE IN PLACE

REMARKS:

TANK EDP NUMBER
 U/L TAG NUMBER
 CAPACITY (GALS)
 MATERIAL STORED
 DECONTAMINATION?
 MANIFEST AVAILABLE?
 % LEL (CGI READING)
 DRY ICE/OTHER (AMT)
 TANK CONDITION
 BACKFILL SOIL TYPE
 BACKFILL CONDITION
 NATIVE SOIL TYPE
 NATIVE CONDITION
 EXCAVATION ODORS?
 STOCKPILE ODORS?
 PONDED PRODUCT?
 PIPELINE LEAK?
 REINSPECTION REQUIRED?

✓	✓	✓	✓	✓
Soil Sampling				
✓	only	✓		
Pea gravel				
No staining or odor				
Fine silty sand w/ clay, sample #6 coarse grained sand				
Slight - moderate staining, slight - heavy Hydrocarbon odor.				
ND				
Yes - Slight - moderate				
ND				
Unknown				
ND				

NOTICE: You are hereby notified that on 11/16/92 a Hazardous Materials Specialist conducted an inspection for the closure of Product piping ~~hazardous substance underground storage tanks~~. A summary of the conditions follows:

- A determination of this site's status is pending receipt of Laboratory Analyses Results for samples taken this date. Results must be submitted within 30 days. To avoid delays, have the Laboratory send a copy of the results directly to _____ of the (HMMD) see address below: _____ (print)
- Contamination of the excavation area has been noted by observations made during the tank removal this date. **BEGIN SITE ASSESSMENT PHASE**-(See reverse for details).
Continue

The Laboratory results have been reviewed by _____ (of the HMMD) on 1/1 and indicate the following:

NO FURTHER ACTION IS REQUIRED.

BEGIN SITE ASSESSMENT PHASE (See attached information).

Phone Contact _____ Date Form was Mailed 1/1

Received By *Anthony H. Manos*
 Printed Name ANTHONY H. MANOS
 Phone Number 619-631-0342
 (HMMD COPY)

Mark M. Plummer
 Hazardous Materials Specialist
 County of San Diego
 Department of Health Services
 HMMD - P. O. Box 85261
 San Diego, CA 92138-5261
 (619) 338-2222

Type(s) of hazardous substance(s) released: _____

Is hazardous material ponded? _____ What is estimated amount? _____

Is amount of hazardous substance release known? _____ Estimated amount? _____

What is estimated depth to ground water below the site? _____ feet

Is site located in a beneficial use area? _____

SOIL CONDITIONS:

Is backfill discolored? _____ Estimated amount _____

Is backfill saturated? _____ Estimated amount _____

Is native soil stained? _____ Estimated amount _____

Is native soil saturated? _____ Estimated amount _____

Describe native soil type(s) _____

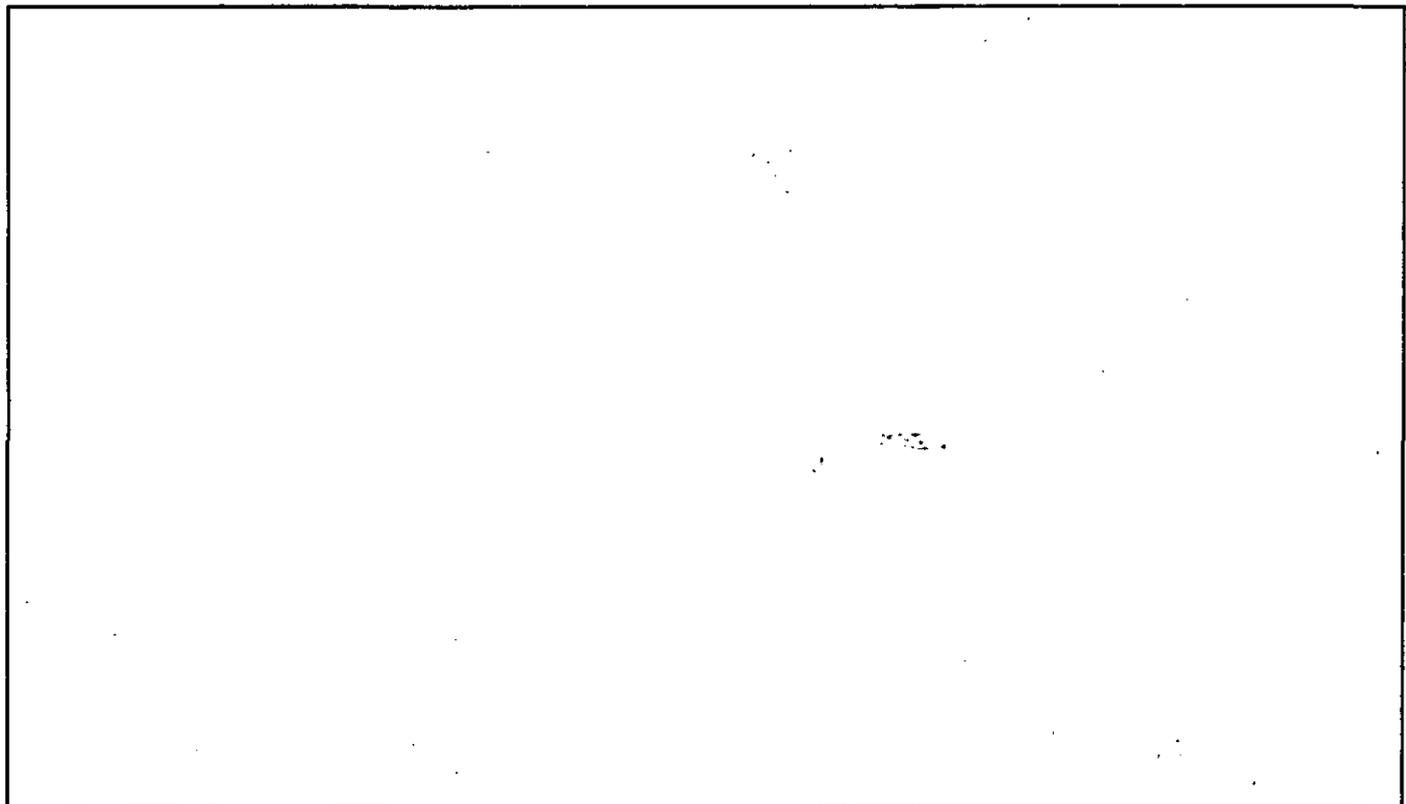
Condition of tank(s) (holes, corrosion, wrapping, seams) _____

Piping leak location _____

Nearby water wells or surface waters? _____

Any known underground vaults, utilities or basements nearby? _____

FURTHER COMMENTS: _____



Δ
N
O
R
T
H

(HMMO)

PLOT PLAN

EST. # H _____

FIELD NOTES

Date: 11-16-97

H05459

Tank(s) last used: _____

RTAT/INT 0178

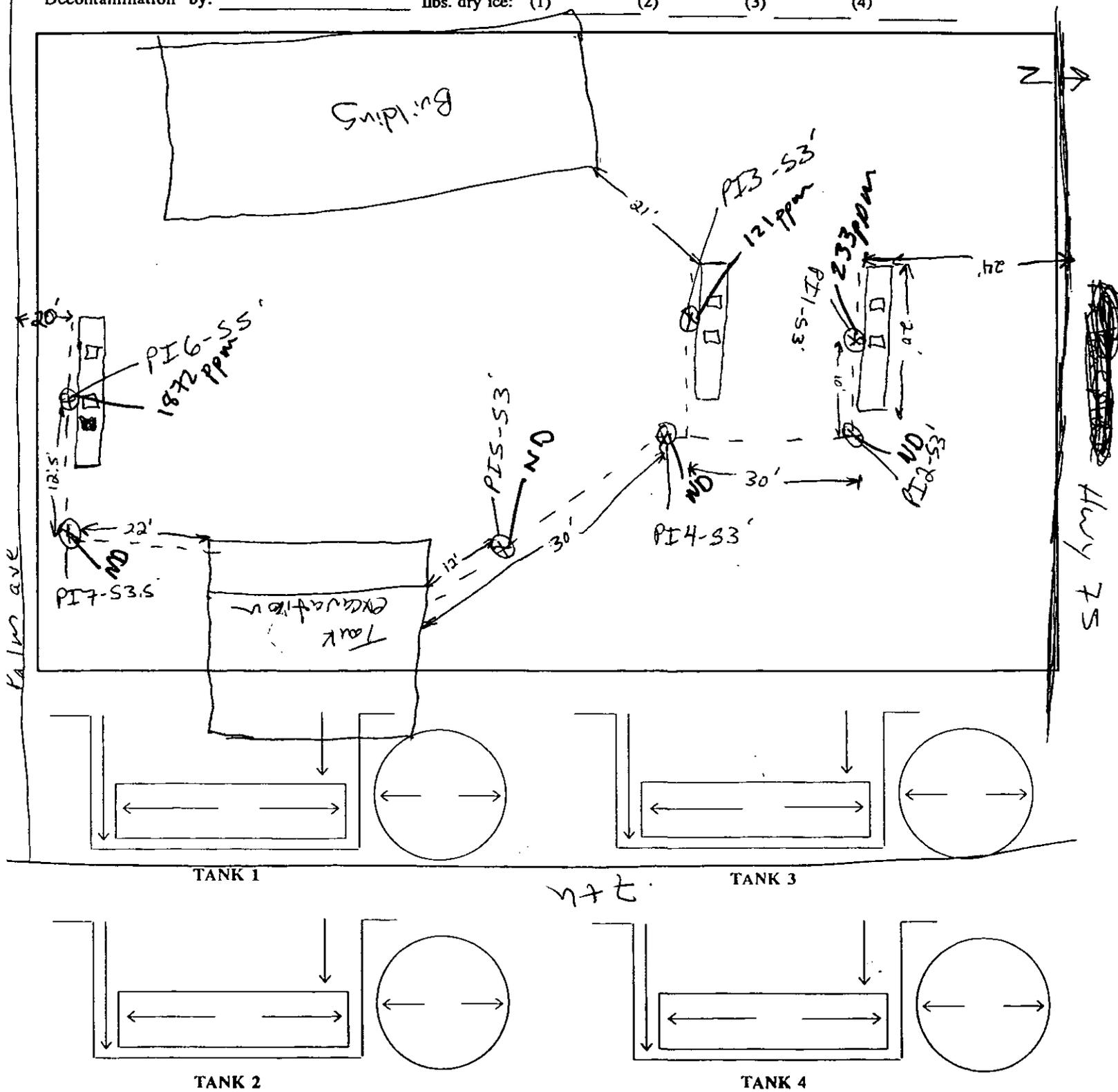
Approx. age of tank(s): _____

Repipe of Station

Tank(s) destination: _____

Manifest #: _____ Gallons: _____ to: _____

Decontamination by: _____ lbs. dry ice: (1) _____ (2) _____ (3) _____ (4) _____



Project Name <u>Mobil Oil</u> Reference <u>VET / Borsari Petro</u> Address <u>681 Palom Ave (Highway 75) Imperial Beach</u> Samplers Signature <u>Dwight Hillis</u> Lab To Be Used <u>Grechem Mobil Lab.</u>	ANALYSIS REQUESTED TPH DOHS METHOD TPH EPA 418.1 BTXE (8020/602) HALOGENATED (8010/601)	SAMPLE TYPE SOLID LIQUID GRAB COMPOSITE	NO. OF CONTAINERS	COPY OF LAB RESULTS MUST BE SENT TO: County Of San Diego Hazardous Materials Management Division P.O. Box 85261 San Diego, Ca 92138-5261
--	---	---	-------------------	---

SAMPLE NO.	DATE	TIME	LOCATION	TPH DOHS METHOD	TPH EPA 418.1	BTXE (8020/602)	HALOGENATED (8010/601)	SOLID	LIQUID	GRAB	COMPOSITE	NO. OF CONTAINERS	COMMENTS
PI1-S3'	11-16-92	930	3' b.g. under the product Piping	X				X		X		1	Silty sand w/clay
PI2-S3		942	"	X				X		X		1	
PI3-S3'		957	"	X				X		X		1	
PI4-S3'		1009	"	X				X		X		1	
PI5-S3'		1019	"	X				X		X		1	
PI6-SS'		1037	5' b.g. under product Piping	X				X		X		1	Coarse grained sand
PI7-S3S'		1050	3.5' b.g. under product Piping	X				X		X		1	Silty Sand w/clay

1 RELINQUISHED BY Date _____ Signature _____ Printed Name _____ Company _____	Date _____ Time _____	2 RELINQUISHED BY Signature _____ Printed Name _____ Company _____	Date _____ Time _____	3 RELINQUISHED BY Signature _____ Printed Name _____ Company _____	Date _____ Time _____	7	TOTAL NO. OF CONTAINERS Sample Conditions Received On Ice Yes/No Tape Seal Intact Yes/No Special Shipment/Handling Or Storage Requirements: Split Sample Location <u>NONE</u> Site Identification H# <u>05459</u> AT# <u>RT0178</u> HMMD <u>Mark McPherson</u>
RECEIVED BY Date _____ Signature _____ Printed Name _____ Company _____	Date _____ Time _____	RECEIVED BY Signature _____ Printed Name _____ Company _____	Date _____ Time _____	RECEIVED BY (LAB) Signature _____ Printed Name _____ Company _____	Date _____ Time _____		



Geochem ENVIRONMENTAL LABORATORIES

Mobile & In-House Laboratories Certified by State of California

Phone: (714) 373-5955 / FAX: (714) 373-5957

ANALYTICAL REPORT

Page: 1 of 1

Client: Vapor Extraction Technology
1062 Calle Negocio, Ste. J
San Clemente, CA. 92672
Attn: Gerald Shiller

Date Sampled: 11/16/92
Date Received: 11/16/92
Date Analyzed: 11/16/92
Batch: C-272 Matrix: Soil
Conc. Unit mg/kg (ppm)

Project: Mobil S/S #18-FPL (3.25.37.3)

"ND" means "not detected" at indicated detection limit.

B: benzene, T: toluene, E: ethylbenzene & X: total xylenes.

Samples received at job site with a chain of custody record.

SAMPLE I.D.	8015 M/TPH		8020		
	Gasoline	B/	T/	E/	X
DETECTION LIMIT	1ppm		0.005ppm		
PI-1, S-3'	233				
PI-2, S-3'	ND				
PI-3, S-3'	121				
PI-4, S-3'	ND				
PI-5, S-3'	ND				
PI-6, S-5'	1872	33.924/	94.237/	55.381/	119.005
PI-7, S-3.5'	ND				
EX 1, S-10'	ND				
EX 2, S-10'	ND				
EX 3, S-14'	ND				
EX 4, S-10'	8				
EX 5, S-10'	429				
EX 6, S-15'	502				

Reviewed and approved by


George Tsai, Laboratory Director, November 16, 1992



Geochem ENVIRONMENTAL LABORATORIES

Mobile & In-House Laboratories Certified by State of California

Phone: (714) 373-5955 / FAX: (714) 373-5957

QUALITY CONTROL STATUS

 Client: Vapor Extraction Technology Date Sampled: 11/16/92
 1062 Calle Negocio, Ste J Date Received: 11/16/92
 San Clemente, Ca. 92672 Date analyzed: 11/16/92
 Attn: Eric Drummond Batch: C-272 Matrix: Soil

Project: Mobil SS #18-FPL

TESTS	SP1 % Recovery	SP2 % Recovery	% Diff.	Control	Status
8015m/TPH- gasoline	93	96	3	20	PASS
8020-benzene	97	89	8	20	PASS
toluene	88	94	6	20	PASS
ethylbenzene	92	99	7	20	PASS
xylenes	93	91	2	20	PASS

Reviewed and approved by George Tsai Nov. 17, 1992
 George Tsai, Laboratory Director

RECEIVED FEB 17 1993

GEOCHEM Environmental Laboratory
 15211 Springdale Street
 Huntington Beach, CA 92649
 (714) 373-5955 • FAX (714) 373-5957

CHAIN OF CUSTODY RECORD

Date 11-16-92 Page 1 of 2

CLIENT V.E.T Project # 3.25.37.3

TESTS REQUIRED

ADDRESS <u>1062 Calle Negocio</u> <u>Suite J San Clemente, CA</u> <u>92673</u>	PROJECT MANAGER <u>Gerald Shiller</u>	EPA 418.1	8010	8015 M/TPH-gasoline	8015 E/TPH-diesel	8020 (602) BTEX	Organic/Total Lead							Archive	
	PHONE NUMBER <u>714.492.7732/FAX:492.7611</u>														
	SAMPLERS (Signature)														
PROJECT NAME <u>Mobil #5 #18 - FPL</u>															

SAMPLE I.D.	LOCATION DESCRIPTION	DATE	TIME	MATRIX			NO. OF CTNR	EPA 418.1	8010	8015 M/TPH-gasoline	8015 E/TPH-diesel	8020 (602) BTEX	Organic/Total Lead				Archive	
				AIR	WATER	SOIL												
PI-1, S-3'		11-16-92	0930			X	1			X								
PI-2, S-3'			0942				1											
PI-3, S-3'			0957				1											
PI-4, S-3'			1009				1											
PI-5, S-3'			1019				1											
PI-6, S-5'			1037				1					X						
PI-7, S-3.5'			1050				1											
EX1, S-10'			1205				1											
EX2, S-10'			1208				1											
EX3, S-14'			1211				1											

Relinquished by: <u>Gerald Shiller</u>	Received by: <u>R. Paul</u>	Date: <u>11-16-92</u>	Time: <u>3:50 PM</u>
Relinquished by:	Received by:	Date:	Time:
Relinquished by:	Received by:	Date:	Time:

Turnaround time: 24 hr. 48 hr. Normal (3 days) Special Instructions:

CLIENT V.E.T Project # 3.25.32.3

TESTS REQUIRED

ADDRESS <u>1062 Calle Negocio</u> <u>Suite J San Clemente, CA</u> <u>92673</u>			PROJECT MANAGER <u>Gerald Shiller</u>				EPA 418.1	8010	8015 M/TPH-gasoline	8015 E/TPH-diesel	8020 (602) BTEX	Organic/Total Lead					Archive
PROJECT NAME <u>Mobil S/S #18-FPL</u>			PHONE NUMBER <u>714-492-7732</u>														
			SAMPLERS (Signature)														
SAMPLE I.D.	LOCATION DESCRIPTION	DATE	TIME	MATRIX			NO. OF CTNR										
				AIR	WATER	SOIL											
	<u>EX-4, S-10'</u>	<u>11/16/92</u>	<u>1215</u>			<u>X</u>	<u>1</u>			<u>X</u>							
	<u>EX-5, S-10'</u>	<u>"</u>	<u>1350</u>			<u>X</u>	<u>1</u>			<u>X</u>							
	<u>EX-6, S-15'</u>	<u>"</u>	<u>1405</u>			<u>X</u>	<u>1</u>			<u>X</u>							

Relinquished by: <u>Gerald Shiller</u>	Received by: <u>R. Hamer</u>	<u>11-16-92</u>	Date	<u>3:50PM</u>	Time
Relinquished by:	Received by:		Date		Time
Relinquished by:	Received by:		Date		Time

Turnaround time: 24 hr. 48 hr. Normal (3 days) Special Instructions:

COUNTY OF SAN DIEGO
HAZARDOUS MATERIALS MANAGEMENT DIVISION
 UNDERGROUND HAZARDOUS MATERIALS STORAGE TANK FACILITY
 PERMIT APPLICATION

PART I

FOR HMMD USE
EST#: <u>H05459</u>
PLAN CH#: <u>R10170</u>
DATE RECEIVED: <u>09/10/92</u>
FEE PAID: <u>\$650.00</u>
PLAN APPROVAL: <u>10/1/92</u>
HYDRO UNIT: <u>10/20</u>
BENEF. USE: <u>g</u>

GENERAL PROJECT INFORMATION

A. SITE ADDRESS: 681 Hwy 75 Imperial Beach City 91932 Zip

B. PROPERTY OWNER:
 Assessors Parcel No. 626-250-12
 Company Mobil Oil Corp. Contact Perry Paganelli
 Mailing Address 3142 Vista Way City Oceanside Zip 92056
 Phone (619) 439-3768
 24 Hr. Emergency Contact Perry Paganelli Phone ⁶¹⁹ () 439-3768
 1-800-662-4567

C. TANK OPERATOR:
 Company _____ Contact Abby Rameriz
 Mailing Address 618 Hwy 75 Imperial Beach City 91932 Zip
 Phone (⁶¹⁹) 424-3366
 24 Hr. Emergency Contact Perry Paganelli Phone ⁶¹⁹ () 439-3768

D. CONTRACTOR:
 Primary Contractor BONSALL PETROLEUM CONST. Contact ANTHONY MANOS
 Mailing Address P.O. BOX 969 City BONSALL, CA Zip 92003
 Phone (619) 631-0526
 State Contractor License #654956
 Worker's Compensation Insurance Company INDUSTRIAL INDEMNITY (ACCORD)

IMPORTANT: CONTACT THE DEPT. OF HEALTH SERVICES
 AT 339-2214 AT LEAST TWO WORKING DAYS IN ADVANCE
 STARTING CONSTRUCTION TO SCHEDULE EACH
 REQUIRED FIELD INSPECTION

E. APPLICATION SUBMITTAL, PLAN APPROVAL, PERMIT ISSUANCE, AND REQUIRED INSPECTIONS

Submit three (3) copies of this application package, including plan drawings, with the required fee to the Department of Health Services, Hazardous Materials Management Division, 1255 Imperial Ave., San Diego, CA or mail to P.O. Box 85261, San Diego, CA 92138-5261. Checks should be made payable to the County of San Diego.

A permit will be issued by the HMMD upon review and approval of the application and plans. The required fees must be submitted with the application package. Information in addition to that presented in the application package may be needed in order to obtain final approval. No work is to begin on the proposed project until a permit has been issued. The required inspections cannot be scheduled until a permit is issued.

Once the permit has been issued, it is the responsibility of the permittee to notify the HMMD at least two (2) working days in advance to schedule each required inspection.

Construction stages at which inspections are required are indicated in each subpart of this application form (i.e., Part II, III IV, and V).



County of San Diego

DANIEL J. AVERA
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377

SITE ASSESSMENT AND MITIGATION DIVISION

April 29, 1998

Mobil Oil Corporation
Attn: Mr. Hany Fangary
Project Engineer III
3700 West 190th Street
Torrance, CA 90509

Dear Mr. Fangary:

UNDERGROUND STORAGE TANK (UST) CASE
MOBIL STATION 18-FPL LOCATED AT 681 HIGHWAY 75, IMPERIAL BEACH, CA
#H05459-002

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks currently located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the underground storage tanks is greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is issued pursuant to a regulation contained in Section 2721 (e) of Title 23 of the California Code of Regulations.

Please contact Donn Li Pera at (619) 338-2244 if you have questions regarding this matter.

Sincerely,

CHUCK PRYATEL, Chief
Site Assessment and Mitigation Division

CP:DLP:kf

Enclosure

cc: Regional Water Quality Control Board
Dave Deaner, SWRCB, UST Cleanup Fund Program
Ron Kofron, Alton Geoscience

WP/H05459.2

Case Closure Summary

Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

DATE: 3/30/98

Agency Name: County of San Diego, Environmental Health, SAM	Address: P.O. Box 129261	
City/State/ZIP: San Diego, CA 92112-9261	Phone: (619) 338-2222	FAX: (619) 338-2377
Responsible Staff Person: Donn Li Pera	Title: Environmental Health Specialist	

II. CASE INFORMATION

Site Facility Name: Mobil Station 18-FPL				
Site Facility Address: 681 Highway 75, Imperial Beach, CA				
RB LUSTIS Case No: N/A	Local Case No: H05459-002		LOP Case No: N/A	
URF Filing Date: 9/14/89	SWEEPS No: N/A			
Responsible Parties:	Address:	Phone Number:		
Mobil Oil Corporation	3700 W. 190 th Street, T.P.T. 2		(310) 212-1857 Hany Fangary	
Tank No.	Size in Gal.	Contents	Closed in Place/Removed	Date
1			See comments section below.	
2				
3				
4				

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Gasoline from tanks and piping.				
Site Characterization complete?	Yes	Date Approved By Oversight Agency: 1/22/97		
Monitoring Wells Installed?	Yes	Number: 14	Proper Screened Interval? Yes	
Highest GW Depth Below Ground Surface: 19.2 feet		Lowest Depth: 23.84 feet	Flow Direction: West Northwest	
Most Sensitive Current Use: No beneficial uses identified				
Are Drinking Water Wells Affected?	No	Aquifer Name: 10.10 Coronado		
Is Surface Water Affected?	No	Nearest/Affected SW name: San Diego Bay		
Off-Site Beneficial Use Impacts (addresses/locations): No				
Report(s) on file?	Yes	Where is Report(s) Filed? County of San Diego, Environmental Health		

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank(s)	NA		
Piping	NA		
Free Product	NA		
Soil	468 cubic yards	Transported to TPS	11/23/92
Groundwater	1828 gals.	Petroleum recyclers, Inc.	Various dates from 1992 to 1995
Barrels	NA		

Case Closure Summary

Leaking Underground Fuel Storage Tank Program

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)

H05459-002

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS -- BEFORE AND AFTER CLEANUP									
Contaminant	Soil (ppm)		Water (ppm)		Contaminant	Soil (ppm)		Water (ppm)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gas)	12000	12000	60	61	MTBE	NA	NA	NA	3.4
TPH (Diesel)	NA		NA	NA	Ethylbenzene	280	280	3.0	2.5
Benzene	170	170	4.0	5.1	Oil & Grease	N.D.	NA		
Toluene	410	410	13.0	6.1	Heavy Metals	N.D.	NA		
Xylene	1400	1400	12.0	6.9	1,2-DCA	N.D.	NA		
					TCE	N.D.	NA		
					PCE	N.D.	NA		

Comments:

Steel tanks removed in 1984 and replaced with single wall fiberglass tanks. No inspection report or data available since the work was done prior to the existence of our tank program.

Contamination detected during geotechnical soil sampling prior to station remodel in 1989.

All piping replaced with double walled piping in 1992.

Selective soil removal conducted November 1992, below pump islands and adjacent to the southeast corner of the tank pit (location of former piping). It appears most of the soil contamination occurred from piping releases. The selective soil removal extended to about 19 feet below grade in each location. High concentrations of TPH remains in soil at depths ranging from 20 to 25 feet (just above and below the water table). Concentrations of petroleum hydrocarbons in groundwater were not greatly influenced by soil removal since removed soil was above the water table.

Based on existing soil sample data it appears that there are approximately 900 cubic yards of soil containing TPH concentrations above 1,000 ppm on and offsite. There are two plumes of affected soil: one extending northward toward Highway 75 (about 700 cubic yards), and the other extending eastward to 7th Street (about 200 cubic yards).

There is no significant soil or groundwater contamination below any buildings or structures, therefore vapors should not pose a significant risk to occupants of surrounding buildings.

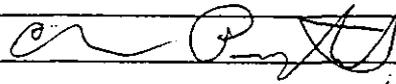
Chlorinated solvents detected in groundwater in several wells, however no solvents were detected in soil below the former waste oil tanks. It appears that Mobil is not the source of solvents. A possible source of the solvents is the dry cleaners adjacent to the Mobil site to the west.

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
Does corrective action protect public health for current land use?	Yes
Case oversight completed based upon the current/future site use as gas station.	
Site Management Requirements: none	
Any contaminated soil excavated as part of subsurface construction work must be managed in accordance with the legal requirements at that time.	
Should corrective action be reviewed if land use changes?	Yes
Monitoring Wells Decommissioned: No	Number Decommissioned: Number Retained: 14
List Enforcement Actions Taken: Notice of Corrective Action and Reimbursement Responsibility	

V. LOCAL AGENCY REPRESENTATIVE DATA

H05459-002

Name: Chuck Pryatel	Title: Chief Site Assessment and Mitigation
Signature: 	Date: 4-27-98
Hydrogeologist Concurrence: Kevin Heaton <i>KMA</i>	Date: 3/30/98

VI. RWQCB NOTIFICATION

Date Submitted to RB: 3/30/98	RB Response: 4/20/98 CLOSURE OK	
RWQCB Staff Name: Charles Cheng	Title: Assoc. Engineering Geologist	Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

Letter of intent to destroy wells submitted.

This document and the related CASE CLOSURE LETTER, shall be retained by the lead agency as part of the official site file.

***** PHONE MEMORANDUM *****

DATE: 11-28-89 TIME: _____

CONTACT: WARREN COALSON (ZUCKER SYSTEMS)

PHONE: 423-8300

COMMENTS:

TELCON W/ WARREN — HE EXPLAINED THAT HE AND PHIL ARE PLANNERS AND WORK FOR A PRIVATE COMPANY (ZUCKER SYSTEMS) THAT IS CONTRACTED BY THE CITY OF IMPERIAL BEACH TO DO THEIR PLANNING WORK. HE SAID THEY ANSWER DIRECTLY TO THE CITY PLANNING DIRECTOR.

HE TOLD ME THAT MOBIL HAS SUBMITTED A CONDITIONAL USE PERMIT APPLICATION FOR THIS SITE AND INDICATED THAT CONTAMINATION EXISTS, FROM THEIR FUEL TANKS, IN SOIL AND GROUND WATER. I EXPLAINED WHAT OUR (HMMD'S) CONCERNS ARE:

1) WHAT IS THE NEW CONSTRUCTION CONFIGURATION?

2) WHAT IS THE EXTENT OF CONTAM. IN BOTH SOIL AND WATER, VERTICAL & HORIZONTAL EXTENT NOT YET DETERMINED.

3) WILL THE NEW CONSTRUCTION INTERFERE WITH MOBIL'S ABILITY TO DO SITE ASSESSMENT, REMEDIATION OR CLEAN UP VERIFICATION?

4) WILL THERE BE ANY INCREASED RISK

SIGNATURE: [Signature] DATE: 11-28-89

OVER

11/28/89 CONT.

TO THE OCCUPANTS OF THE BLDG. FROM SUBSURFACE VAPOR MIGRATION.

WARREN INDICATED THAT MOBIL IS PROPOSING TO REMODEL AND INSTALL A CAR WASH AND MINIMARKET. HE SAID THAT PHIL MILLENBAH IS HANDLING THE C.U.P. AND WILL PROBABLY WRITE A LETTER TO US REQUESTING OUR INPUT.

COMPLAINT/PROPOSITION 65 DISCLOSURE REPORT

DATE/TIME RECEIVED 11-27-89
DATE/TIME OF INCIDENT
LOCATION OF PROBLEM TB 71A4
681 Hwy 75
CITY Imp Bch ZIP 92032
NEAREST CROSS STREET S.W. corner of 75 at 7th St.
BUSINESS NAME Mobil
ESTABLISHMENT NO.
PREVIOUS COMPLAINTS
REFERRED: YES NO
AGENCY

RECEIVED BY G.F.
ASSIGNED TO
REPORTED BY Phil Miltenbach
AGENCY City of Imp. Beach
ADDRESS
PHONE 423-8300

- IMMEDIATE ACTION
- ROUTE TO SPECIALIST
- ROUTINE/WORK IN PROGRESS
- ACTION TAKEN BY OTHER AGENCY
- INFO PREVIOUSLY RECEIVED
- REVIEWED BY

NATURE OF COMPLAINT/DISCHARGE Gas in soil from
underground tank. Gas is submitted
and plans for new mini mart/gas station
on site.

ESTIMATED QUANTITY DISCHARGED QUANTITY THREATENED TO BE RELEASED
HEALTH THREAT/EXPOSURES - EXPLAIN

CURRENT STATUS

- A) Is this report being submitted as a Proposition 65 disclosure? YES NO
- B) Is the person making the report a designated government employee? YES NO
- C) Designated employee stated that discharge/threatened discharge is likely to cause substantial injury to the public health or safety. YES NO EXPLAIN

DATE INVESTIGATED _____

ACTION TAKEN _____

RESPONSIBLE PARTY _____

ADDRESS _____

PHONE _____ VEHICLE DESCRIPTION _____

ENFORCEMENT AGENCIES CONTACTED: _____ YES _____ NO

FIRE _____
 POLICE _____
 CAL TRANS _____
 APCD _____
 DEPT OF AGR _____
 INDUS WASTE _____

RWQCB _____
 COAST GUARD _____
 CAL FISH & GAME _____
 ODP _____
 OTHER _____
 CAL OSHA _____

FURTHER ACTION NEEDED _____

COMPLAINT JUSTIFIED: _____ YES _____ NO

WRITTEN NOTICE ISSUED: _____ YES _____ NO

COMPLAINANT CONTACTED: _____ YES _____ NO

WAS COMPLAINANT SATISFIED WITH YOUR ACTION? _____ YES _____ NO

IF NO, WHY NOT? EXPLAIN _____

INVESTIGATOR _____ DATE _____



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR
(619) 238-2237

DEPARTMENT OF HEALTH SERVICES

1700 PACIFIC HIGHWAY, SAN DIEGO, CALIFORNIA 92101-2417

STEVEN A. ESCOBOZA
ASSISTANT DIRECTOR
(619) 238-7633

ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT DIVISION
P. O. BOX 85261
SAN DIEGO, CA 92138-5261
(619) 338-2222

OFFICIAL NOTICE

October 26, 1989

Mr. Gary Stumpf
Mobil Oil Corporation
3800 W. Alameda Avenue, Suite 700
Burbank, CA 91505-4331

Dear Mr. Stumpf:

RE: UNAUTHORIZED RELEASE #T1392/H05⁴59
681 HWY 75, IMPERIAL BEACH, CA

The initial Unauthorized Release Report submitted by Mobil Oil Corporation dated September 14, 1989, for the site referenced above conforms to the initial written reporting requirements, as prescribed in the California Health and Safety Code, Chapter 6.7 and the California Code of Regulations, Title 23. For the duration of the site mitigation process, you are required to provide periodic, brief, written update reports to this office and the Regional Water Quality Control Board (RWQCB). These reports must be submitted every four weeks and should include a brief summary of the completed and projected site assessment and mitigation activities. The update report is due by November 26, 1989.

The extent of contamination must be determined as soon as possible and a comprehensive site assessment report submitted to this office and the RWQCB within 120 days. The comprehensive report must address the items on the enclosed "Site Assessment Report Check List" and is due by March 26, 1990.

If during the site mitigation process any significant situation is encountered that was not known nor anticipated, please immediately notify me and provide a written statement describing the situation to amend the Unauthorized Release Report. As a reminder, a copy of each manifest for hauling any hazardous waste generated as a result of the site assessment and mitigation procedure must be included with the written supplemental reports.

If you have any questions on this matter please contact me at (619) 338-2244.

Sincerely,

DONN LIPERA, Hazardous Materials Specialist
Hazardous Materials Management Division

DL:ydt

Enclosure

cc: RWQCB

WP/T1392

SITE ASSESSMENT REPORT CHECK LIST

Each of the following topics must be addressed in the site assessment report in order for the assessment to be considered complete.

A. SITE IDENTIFICATION

1. Site address, Street #, City, State, Zip Code.
2. Company name (if applicable).
3. Assessor's Parcel Number.
4. HMMD Case #: (e.g. H21042-001)
5. Property owner: Name and mailing address.
6. Tank owner: Name and mailing address.
7. Tank operator: Name and mailing address.
8. Contact Person: Name, mailing address and phone number.
9. Responsible party: Name and mailing address.

B. SITE HISTORY/DEVELOPMENT/USAGE

1. Historical Site Use (including potential sources of contamination and dates).
2. Current Site Use (including potential sources of contamination and dates).
3. Future Site Use and Development Plans (new construction, subgrade structures, proposed excavation work, elevator shafts, vaults, utility trenching).
4. Adjacent Site Uses.

C. DESCRIPTION OF RELEASE

1. Unauthorized Release/Contamination Report, completed HSC05.
2. How release occurred.
3. Substances involved.
4. Quantity of substance released.
5. Location of release on site.
6. Horizontal and vertical extent of contamination identified for soil and/or ground water.

D. PLOT PLAN

1. Drawn to scale. Scale indicated i.e. 1" = 60 feet.
2. Vicinity map.
3. Structures, streets, utilities.
4. Excavation and stockpile locations (dimensions, volume).
5. North direction arrow.
6. Tank locations (past, existing, proposed).
7. Boring and well locations.
8. Sample locations.
9. Key for abbreviations.
10. Contamination delineation (soil and/or ground water).

E. GEOLOGY**

1. Local geology description.
2. Site geology description.
3. Soil types.
4. Topography.

F. HYDROLOGY**

1. Local hydrology/hydrogeology description.
2. Site hydrology/hydrogeology description.
3. Basin plan hydrographic unit/subunit identification.
4. Ground water elevation measurements and depth to ground water.
5. Permeability (as necessary).
6. Ground water/surface water proximity to site.
7. Ground water gradient.
8. Contaminant migration patterns.
9. Interpretation of data.
10. Graphic presentation of data (plot plans, cross sections, etc.).
11. Source of information.

G. EXPOSURE CONCERNS**

1. Pathways description.
 - a. Man-made (conduits, utilities, vaults, piping, storm drains, etc.).
 - b. Natural (air, soil, surface water, bedrock fractures, ground water, etc.).
2. Impact on biological receptors (people, plants, animals).
3. Potential nuisance complaints (odors, eyesore).
4. Risk assessment concepts and calculations.

H. STOCKPILED SOIL MANAGEMENT

1. Volume.
2. Secured from public access and covered.
3. Storage time (<90 days).
4. Disposal methods.

I. SAMPLING

1. Protocol (sampling basis) description.
2. Methodology description.
3. Preservation and transport.
4. Analyses performed.
5. Chain of custody.
6. Stockpile sampling protocol and statistical analysis.
7. Sample location/depth.
8. Sample matrix description (i.e. clay, sand, water).
9. Soil/ water sample results.
10. Quality assurance/Quality control data.
11. Sample identification.

J. SITE SAFETY

1. Site safety/security description.
2. Monitoring equipment.
3. Protective equipment.
4. Public agency notifications.
5. Utility notifications.

K. SUMMARY

1. Tables of analytical data with sample identification, depth, location, analyses constituent (i.e. Benzene, Toluene).
2. Horizontal extent of soil contamination.
3. Vertical extent of soil contamination.
4. Extent of ground water contamination (plume).
5. Off site migration.
6. Total cost expended to date.
7. Remediation activity accomplished.

L. CONCLUSIONS AND RECOMMENDATIONS**

1. Additional assessment recommendations and proposed timelines.
2. Description of remediation alternatives.
3. Proposed remediation alternative selected.
4. Recommended maximum allowable contamination level proposed to remain on site.

M. SIGNATURE/REGISTRATION

N. ATTACHMENTS

1. Well/boring logs.
2. Hazardous Waste Manifests.
3. Permits (APCD, Fire Department, Wells, etc.).
4. Laboratory Data Sheets.
5. Chain of Custody.
6. Plot Plan.

** NOTE: All work and reports which require geologic or engineering evaluations and/or judgements must be performed under the direction of an appropriately registered or certified professional (Sections 6735, 7835, and 7835.1 of the Business and Professions Code). All reports containing such information shall be signed by a registered professional (e.g. RG, RCE, CEG or equivalent). Borehole and monitoring well installation and logging, and impact assessments do require such a professional.



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR
(619) 236-2237

DEPARTMENT OF HEALTH SERVICES

1700 PACIFIC HIGHWAY, SAN DIEGO, CALIFORNIA 92101-2417

ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT DIVISION
P O BOX 85261
SAN DIEGO CA 92138-5261
(619) 236-2222

OFFICIAL NOTICE

JUNE 2, 1989

R.J. EDWARDS
MOBIL OIL CORPORATION
3800 W. ALAMEDA AV. SUITE 700
BURBANK, CA 91505-4331

RE: UNAUTHORIZED RELEASE #T 1392 / HOS459
MOBIL STN. #18-EPL, 681 HWY. 75, IMPERIAL BEACH, CA

Dear MR. EDWARDS :

Information provided to this Department by MOBIL'S SITE ASSESSMENT ^{REPORT} indicates that the underground hazardous substance storage facility at the location referenced above has experienced an Unauthorized Release (leak).

The conditions created by the Unauthorized Release must be reported and corrected in accordance with Sections 25295 and 25297 of Chapter 6.7 of the California Health and Safety Code (H&SC) and Section 2652, Subchapter 16, Chapter 3, Title 23 of the California Administrative Code (CAC), and Chapter 6.5 of the H&SC and Title 22 of the CAC.

As the owner/operator of the underground storage tank, it is your responsibility to:

1. Take immediate action to prevent further unauthorized release;
2. Determine the extent and impact of the unauthorized release;
3. Submit a written Unauthorized Release Report to this Department within five work-days of receipt of this Notice;
4. Complete and distribute within five workdays the enclosed State Water Resources Control Board's "Underground Storage Tank Unauthorized Release(Leak)/Contamination Site Report";
5. Submit supplemental report as required to update the initial report; and,
6. Complete any site mitigation (cleanup) required.

The Unauthorized Release Report must address all six Elements listed on the reverse side of this Official Notice, to the extent of the best information known at this time. Additional information and responsibilities are also listed. Please note Item G concerning responsibility for payment for staff time expended on the investigation.

Subsequent site characterization and mitigation actions will be determined upon evaluation of the written report and consultation with the Regional Water Quality Control Board and other appropriate regulatory agencies.

Please call me at (619) 236-2222 if you have any questions regarding this Official Notice.

Sincerely,

Donna A. Lileco
Hazardous Materials Specialist

Enclosure

cc: RWQCB

DHS:HM-9046 (7/87)

STATE

UNAUTHORIZED RELEASE REPORTING ELEMENTS

Each of the following must be addressed in the Unauthorized Release Report (CAC, Title 23, Chapter 3, Subchapter 16, Section 2652):

1. Describe the type, quantity and concentration of the hazardous substance released.
2. Describe the extent of the soil, groundwater, and/or surface water contamination due to the release based on the results of all investigations completed at the time the report is submitted.
3. Describe the method of clean-up implemented to date, proposed clean-up actions, and approximate costs of actions taken to date.
4. Indicate the method and location of disposal of the released hazardous substance and any contaminated soils or groundwater or surface water. (If any contaminated soil or water is removed from the site, include copies of the hazard waste manifests).
5. Describe the proposed method of repair or replacement of the underground tank/piping.
6. Include the tank operator's name and telephone number, the name and telephone number of any consultants retained, and a projection of proposed activity schedule.

NOTE: The completed SWRCB Form (enclosed) with appropriately detailed "comments" will usually suffice as meeting the requirements for the initial Unauthorized Release Report. You must distribute the completed form to all agencies as specified on the back of the form.

ADDITIONAL INFORMATION/RESPONSIBILITIES

- A. Notify the local Fire Department immediately whenever a fire hazard or explosion hazard is present.
- B. Notify the Regional Water Quality Control Board at (619) 265-5114 within 24 hours regarding this Unauthorized Release.
- C. Cease the unauthorized release immediately by removing the hazardous substance from the system's leaking component(s), as necessary. Give careful consideration to proper tank ballast in areas of high groundwater. Ballast should be inert and compatible with tank residues (i.e., water).
- D. Maintain the site in a safe and secure manner. The excavation, if any, may be back-filled in the interim for safety until site decontamination activities commence.
- E. Obtain necessary permits for repair or removal of the underground tanks/piping from this Department, and other agencies, as appropriate.
- F. Issuance of a permit to install new tanks at a site does not imply that any unauthorized release at the site has been mitigated to the satisfaction of this Department or any other regulatory agency.
- G. Whereas the Legislature has appropriated funds from the California Hazardous Substance Cleanup Fund to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks; and Whereas the direct and indirect costs of overseeing removal or remedial action at the above site are funded, in whole or in part, from the Hazardous Substance Cleanup Fund; and Whereas the above individual(s) or entity(ies) have been identified as the party or parties responsible for investigation and cleanup of the above site; YOU ARE HEREBY NOTIFIED that pursuant to Section 25360 of the Health and Safety Code, the above Responsible Party or Parties shall reimburse the State Water Resources Control Board for all direct and indirect costs incurred by any and all state and local agencies while overseeing the cleanup of the above underground storage tank site, and the above Responsible Party or Parties shall make full payment of such costs within 30 days of receipt of a detailed invoice from the State Water Resources Control Board.

PERMIT APPLICATION
FOR
GROUND WATER AND VADOSE MONITORING WELLS

Site Address: 681 Highway 75, Imperial Beach, CA

Property Owner:
Name Mobil Oil Corporation Phone # 818 953-2611
Mailing Address 3800 W. Alameda Ave. Suite 700 Burbank, CA 91505-4331

Driller:
Name Datum Exploration License # 480802 Phone # (619) 225-8378
Mailing Address 3467 Kurtz St., San Diego, CA 92110

Registered Geologist/Engineering Geologist/Civil Engineer (RG/CEG/RCE):
Name Ernest Artim Reg. # CEG 1084 Phone # (619) 695-3150
Mailing Address Quest Consultants, 10065 Old Grove Rd. S.D., CA 92131

Number of Wells To Be Constructed: 4 \$ 560.- fee paid on 3-9
117

Bond Posted By: Driller Proposed Date of Drilling: 3-17-89

Type of Well:
 Ground Water
 Vadose
 Other

Drilling Method:
 H-S Auger, 8" dia.
 Mud Rotary
 Air Rotary
 Percussion
 Other

Materials To Be Used:
Casing Type PVC
Gauge sch. 40
Diameter 2"
Well Screen Size 0.002"
Seal
 Neat Cement
 Cement & Bentonite
 Other H₂O & Bentonite
Gravel Pack
Specify #3 Monterey Sand

Proposed Construction: cover const. 0-1'
Ben Cement Seal Slurry 1' to 5'
Bentonite Seal 5' to 8'
Gravel Pack 8' to 31'
Perforation 10' to 30'
Note: For wells with multiple completion attach a well construction diagram.

Disposition of Application
 Approved Denied

I hereby agree to comply with all regulations of of Department of Health Services and with all ordinances and laws of the County of San Diego and the State of California pertaining to well construction and destruction.
[Signature] 3/9/89
Driller Signature / Date

Conditions All bearings shall be destroyed in accordance with DWR Bulletin 74-81. Submit laboratory data with log

Within 30 days of well completion, I will furnish the Department of Health Services and the State of California with a complete and accurate well log. I will certify the design and construction of the well in accordance with the permit application.
[Signature] CEG 1084 3-9-89
RG/CEG/RCE Signature 6-30-90 Date

[Signature] 3/9/89
Health Officer Date

PERMIT APPLICATION
 FOR
 GROUND WATER AND VADOSE MONITORING WELLS

W91792

Site Address: 681 Highway 75, Imperial Beach, CA

Property Owner:
 Name Mobil Oil Corporation Phone # (619) 439-5069
 Mailing Address 3142 Vista Way, Suite 400, Oceanside, CA

Driller:
 Name David B. Hogan License # 480802 Phone # (619) 225-8378
 Mailing Address Datum Exploration, 3467 Kurtz St., San Diego, CA 92110

Registered Geologist/Engineering Geologist/Civil Engineer (RG/CEG/RCE):
 Name Rod Reeve Req. # 4941 Phone # (619) 578-3211
 Mailing Address 8823 Production Ave., San Diego, CA 92115

Number of Wells To Be Constructed: 6 \$840 fee paid on 11/14/90

Bond Posted By: Converse Environmental West Proposed Date of Drilling: 11/27-11/29/90

Type of Well: <input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Vadose <input type="checkbox"/> Other	Drilling Method: <input checked="" type="checkbox"/> Auger <input type="checkbox"/> Air Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Percussion <input type="checkbox"/> Other
--	---

Materials To Be Used:
 Casing
 Type PVC
 Gauge Schedule 40
 Diameter 4 inch
 Well Screen Size 0.020"
 Seal
 Neat Cement
 Cement & Bentonite
 Other
 Gravel Pack
 Specify #3 screened sand

Proposed Construction:
 Cement Seal 1 to 4
 Bentonite Seal 4 to 7
 Gravel Pack 7 to 10
 Perforation 10 to 30
 Note: For wells with multiple completion attach a well construction diagram.

I hereby agree to comply with all regulations of of Department of Health Services and with all ordinances and laws of the County of San Diego and the State of California pertaining to well construction and destruction.

Disposition of Application
 Approved Denied

David B. Hogan 11/14/90
 Driller Signature Date

Conditions All casing must be destroyed in accordance with DWR Bulletin 74-81 and 74-90. All wash water must be contained and disposed of properly.

Within 30 days of well completion, I will furnish the Department of Health Services and the State of California with a complete and accurate well log. I will certify the design and construction of the well in accordance with the permit application.

Chris M. Herb 11/14/90
 Health Officer Date

Rod Reeve 11/12/90
 RG/CEG/RCE Signature Date

CLERICAL WORK SHEET

PLANNING DEPT.
PHIL MILLENBAH 423-8300

825 IMPERIAL BCH. BLVD.
IMP. BCH 92032

DATE	COMMENTS	INITIALS
4/11/90	TELECON W/ ROD REEVE (CONVERSE).	
	HE INDICATED WELLS INSTALLED AND	
	HE IS PREPARING REPORT NOW.	
	HE WANTED INFO. REGARDING TANK	
	REPLACEMENT 4-5 YRS. ALSO, I	
	REFERRED HIM TO THE FILE REVIEW	
	PROCESS SINCE I DID NOT HAVE	
	THE INFO.	NJ
5/1/90	TELCON W/ PHIL MILLENBAH. HE IS	
	HANDLING CONDITIONAL USE PERMIT.	NJ
7/6/90	TELCON W/ DOUG HARVEY, REQUESTED	
	WRITTEN CLARIFICATION REGARDING SOIL	
	CUTTINGS FROM MW7. HE SAID HE WILL FAX TODAY.	
7/6/90	TELCON W/ DOUG HARVEY.	DJ
	HE INDICATED THAT THE SOIL IN THE	
	DRUM #1 FOR MW7 (DRUM #1) IS ONLY	
	SOIL BEING REQUESTED FOR DISPOSAL AT	DJ
	CLASS III, DECIDED NOT NECESSARY TO FAX	
	INFO.	
8/1/90	TELCON W/ KATJA RYTOROSKI (MOBIL OIL - CHUCK	
	SMITH'S REPLACEMENT), DISCUSSED ITEMS	
	CIRCLED IN BLUE ON MY REVIEW NOTES OF	
	CONVERSE REPORT DATED 4/13/90.	
	REQUESTED THESE ITEMS BE ADDRESSED AND	
	INCLUDED IN A REVISED WORK PLAN.	
	SHE AGREED.	DJ



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR
STEVEN A. ESCOBOZA
ASSISTANT DIRECTOR

DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT DIVISION
P. O. BOX 85261
SAN DIEGO, CA 92138-5261
(619) 338-2222

July 12, 1990

Mr. Bob Allen
County of San Diego
Department of Public Works Solid Waste
5555 Overland Avenue, Building 2
San Diego, CA 92123

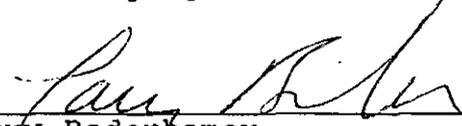
Dear Mr. Allen:

RE: FUEL CONTAMINATED SOIL #T01392/H05459-001
681 HIGHWAY 75, IMPERIAL BEACH, CA, MOBIL STATION #18-FPL

Converse Environmental, (8823 Production Ave., San Diego, CA), the consultant for Mobil Oil (3800 West Alameda Ave., Burbank, CA), the generator, has requested to dispose of contaminated soil at the Otay Landfill. Both the County Department of Health Services, Hazardous Materials Management Division (HMMD) and the San Diego Regional Water Quality Control Board (RWQCB) have reviewed the proposal and accompanying data.

Based on all the information submitted, the approximately 2 cubic yards of soil does not contain concentrations greater than 14 mg/kg Total Petroleum Hydrocarbons (gasoline). Both the HMMD and the RWQCB consider this soil to be suitable for disposal at this San Diego Class III Landfill.

The generator must complete all applications and/or non-hazardous manifests required by local landfills for disposal of soil originating from contaminated sites. The generator must also contact the disposal site prior to transporting the soil and submit any special handling fees. A receipt, or equivalent documentation must be submitted to the HMMD and the RWQCB, acknowledging the final disposition of this soil.


Larry Bodenhamer
County of San Diego
Department of Health Services
Hazardous Materials Management Division


James Munch
Regional Water Quality Control Board

LB:cl

cc: James Munch - RWQCB
Converse Environmental
Mobil Oil
Donn Lipera - HMMD

DHS:HM-9107 (7/90)

WP/T01392

7/11/90 / 7/18/90 / 7/19/90

#HOS459

REVIEW NOTES FOR COURSE REPORT DATED APRIL 13, 1990

- 1) CHECKED LAB DATA TABLES AGAINST LAB DATA SHEETS.
- 2) SOIL GAS SURVEY DETECTED PCE WEST OF PUMP ISLAND (24) AND WASTE OIL TANK.

3) WATER TABLE @ \approx 21-22' IN MARCH 1990.

4) SOIL CONTAMINATION NOTED @ 24-25' IN
 (3900) MW 7, (3900) SB 5, AND (1300) SB 3 — APPEARS TO BE
 BELOW THE ∇ OR POSSIBLY CAP FRINGE.

VADOSE SOIL CONTAMINATION NOTED @ 10-20' IN
 20'(680) (81) 10' OMW 2 AND 20'(130) (920) 10' SB 2

VADOSE SOIL CONTAMINATION NOTED @ 4-5' IN
 (1300) SB-2 IN AN AREA CLOSE TO PRODUCT LINES.

5) GEOLOGIC CROSS SECTIONS SHOW SITE TO BE CLAYEY SILT (UPPER ZONE), SANDY SILT/SILTY SAND (MIDDLE ZONE 5-20') AND SAND (LOWER ZONE \approx 15' TO DEPTH).

6) CROSS SECTIONS SHOW 2 DETACHED THIN LAYERS (1-2') OF SOIL CONTAMINATION AT THE CAPILLARY FRINGE (NOT SHOWN ON PLAN VIEW)

7) NO CORRELATION BETWEEN OVA READINGS AND LAB ANALYSES.

8) ADDITIONAL SAMPLING APPEARS NECESSARY IN AREAS OF :

- a) N. OF MW 7 (CAP)
 - b) E. OF SB 3 (CAP)
 - c) S. OF SB 2 (4-5')
 - d) W. OF SB 2 (4-5')
- } ALSO @ 5, 10, 15, 20'

9) SHOW PLAN VIEW OF SOIL CONTAMINATION (I.E. VAPOUR & CAP FRINGE).

10) WATER SAMPLES SHOW ~~LOW~~ VALUES OF PCE @ WELLS OMW 4, MW 5 AND MW 8. OMW 4 IS NEXT TO W.O. TANK.

11) OFFSITE WELLS ARE NECESSARY AS FOLLOWS :

- a) N. OF MW 7
- b) W. OF OMW 1 AND MW 5
- c) S. OF OMW 3 AND MW 6
- d) E. OF MW 7, OMW 2, MW 6

12) NEED 8240 WELL OMW 4, MW 7, MW 5, MW 8

13) FUEL TANKS REPLACED $\approx 3\frac{1}{2}$ YRS. AGO
IN SAME EXCAVATION.

W.O. TANK TANK RELOCATED $2\frac{1}{2}$ YRS. AGO
FROM JUST W. OF FUEL TANKS TO
THE S.W. CORNER.

14) SOIL GAS SURVEY PERFORMED SHOWS NO INDICATION
OF MAJOR OFFSITE MIGRATION, THOUGH NEW
MONITORING WELLS INDICATE THAT DISSOLVED
PHASE MAY BE OFFSITE.

15) NEED TIME BETWEEN PURGING AND SAMPLING AND
WHAT LEVEL WELL HAD RECOVERED TO - IE 80%.

16) REMEDIATION PROPOSED INCLUDES TWO
SCENARIOS - 1) ~~1000 PPM SOIL CLEAN UP CRITERIA.~~
2) 100 PPM SOIL CLEAN UP CRITERIA.

1) PROPOSES TO REMOVE SOIL CONTAMINATED AROUND
SBZ.

2) VAPOR EXTRACT CAP FRINGE AFTER DEPRESSING
 ∇ , ALSO, POSSIBLE REMOVAL OF SOIL.
GROUND WATER WOULD BE PUMPED AND TREATED.

7/5/90

REVIEW NOTES SOIL DISPOSAL REQUEST BY CONVERSE
DATED JULY 3, 1990.

1) BORING CUTTINGS REQUESTED FOR DISPOSAL
INCLUDE : SB1, SB4, MW5, MW6, MW7 & MW8

2) MW7 @ 24-25'

3900	PPM	TPH
11	PPM	BENZENE
120	PPM	TOL.
29	PPM	E-BEN.
15	PPM	XYLENES

3) TPH SAMPLES HELD 15 DAYS BEFORE
EXTRACTION (1 DAY IN EXCESS OF RECOMMENDED
HOLDING TIME).

4) ANY 8010 DATA ON SOIL SAMPLES?

5) NEED CLARIFICATION ON SOIL CUTTINGS FROM MW7.

ITEMS IN CURRENT ENVELOPE _____
MESSAGE

(Tab next item)

Date: June 20, 1990

From: MDEVIN

Subject: BOARD AIDE INQUIRY REFERRAL

H05459

DAVE HUTCHINSON OF S. ^{Brian Bilbray's} ~~OFFICE~~ OFFICE (SAN 742-4700) CALLED
MOBILE AT 681-HY 75, I.B.
LESSEE SAYS MOBILE SAYS CANNOT DO REMODEL DUE TO HANGUP GETTING
OK TO DO TANK WORK.

DAVE WOULD LIKE TO KNOW IF WE HAVE A TANKS CASE, IF SO THE
STATUS, ETC

1 Next (Read); 2 Info; 3 Save; 4 Delete; 5 Forward; 6 Reply;

Dona

I talked to Dave Hutchinsin with Brian Bilbray's office regarding this
site. I went over your May 1 letter. It appears as though
the Lessee is not being kept informed by Mobil regarding what is
going on. I indicated that we were supposed to have received
a report by April 30 1990.

Note: Mobil has not as of yet applied for the 4 additional wells that
you indicate in your letter.

You need not do any other follow up on this.

Kevin



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR
(619) 236-2237

DEPARTMENT OF HEALTH SERVICES

1700 PACIFIC HIGHWAY, SAN DIEGO, CALIFORNIA 92101-2417

STEVEN A. ESCOBOZA
ASSISTANT DIRECTOR
(619) 236-7633

ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT DIVISION
P. O. BOX 85261
SAN DIEGO, CA 92138-5261
(619) 338-2222

May 1, 1990

Mr. David Noe
Mobil Oil Corporation
3800 W. Alameda Avenue, Suite 700
Burbank, CA 91505-4331

-002

Dear Mr. Noe:

RE: UNAUTHORIZED RELEASE #T01392/H05459
MOBIL STATION #18-FPL, 681 HWY 75, IMPERIAL BEACH, CA

The work plan prepared by your consultant, Converse Environmental, dated March 5, 1990 and your progress report dated March 29, 1990, have been received and reviewed by staff of both the Hazardous Materials Management Division (HMMMD) and the San Diego Regional Water Quality Control Board (RWQCB).

The March 29, 1990 progress report indicates that trichloroethylene (TCE) was detected at the site. No data has yet been submitted that confirms the presence of TCE in soil or ground water for this site. Please provide all TCE data in your next site assessment report.

The work plan proposal to install four additional on-site monitoring wells and your proposal to provide a site assessment report by April 30, 1990 are acceptable.

After review and discussion with staff of the RWQCB it was determined that the following measures are necessary.

- A. Implement a quarterly ground water monitoring program as follows:
 1. Provide quarterly reports of sampling and analyses of ground water from all wells. Obtain water samples only from wells not containing free product. Additionally, monitor the wells for free product and include results in your report. At a minimum the reports should include: Depth to ground water, ground water elevation, datum reference, free

product thickness, quantity of product removed, date product removed, name of company hauling free product and ultimate disposal destination (include receipts or bills of lading), ground water sampling protocol used, description of sample preservation techniques, completed chain of custody, copies of all laboratory analyses, plot plan to scale showing all wells, interpretation of data and conclusions with appropriate signatures.

2. Provide a complete description of the ground water sampling protocol used. If the protocol used was an EPA methodology please provide a complete reference - i.e. RCRA Ground Water Monitoring Technical Enforcement Guidance Document, September 1986. If the protocol was developed in-house provide a step by step description of the procedure. The protocol used must be identified in all future reports.

3. Provide documentation of sample preservation techniques and submit a completed chain-of-custody document for all samples with the next report.

4. Using a state certified hazardous waste laboratory analyze all water samples for the following:

Total Petroleum Hydrocarbon (TPH)	DOHS TPH Method
Benzene, Toluene, Xylene & Ethylbenzene	EPA Method 8020
Total Lead	EPA Method 7421
TCE	EPA Method 8010 or EPA Method 8240

5. Provide documentation for proper disposal of all drill cuttings and well purge water.

The March 29, 1990 progress report indicates that the station is scheduled for a rebuild sometime in July 1990. The complete vertical and horizontal extent of contamination has not been defined in both soil and ground water, and no building plans have been submitted to this office showing the new construction configuration. These facts raise some questions:

1. Will the proposed development interfere with the remediation (clean-up) of the contamination at the site?

David Noe

May 1, 1990

2. Will the proposed development interfere with the verification of remediation effectiveness? In other words, can soil borings and soil samples be obtained in the area of the building?
3. Does the proposed development pose a potential threat to the public health or to the building occupants due to migration of gasoline or TCE vapors from subsurface contamination into the building? What contaminant concentration levels are proposed to be left on-site?

It is the HMMD opinion that, in general, contaminated sites should be cleaned up prior to development. This approach will minimize the potential for public exposures to contaminants and further, it eliminates potential conflicts between the required clean-up activities and construction/development activities.

However, our office does not have the regulatory authority for approval or disapproval of development projects. The Building Department (in this case, the City of Imperial Beach Building Department) has the authority and responsibility for issuing building permits.

Reporting Timetable

- Submit monthly update reports.
- Submit a site assessment report to include sampling of new wells by April 30, 1990.
- Submit ground water monitoring reports as follows:

<u>Period Sampling to Occur</u>	<u>Report Due</u>
January, February, March	April 30
April, May, June	July 30
July, August, September	October 30
October, November, December	January 30

The first report is due July 30, 1990.

Should you have any questions, please contact me at (619) 338-2244.

Sincerely,



DONN LIPERA, Hazardous Materials Specialist
Hazardous Materials Management Division

DL:ydt

cc: James Munch - RWQCB
Chuck Smith - Mobil Oil Corporation
Phil Millenbah - Zucker Systems

WP/T01392

PERMIT APPLICATION
FOR
GROUND WATER AND VADOSE MONITORING WELLS

W91377

Site Address: 681 Highway 75 Imperial Beach, Ca
Property Owner:
Name Mobil Oil Corporation Phone # (619) 439-5069
Mailing Address 3142 Vista Way Suite 400 Oceanside, Ca

Driller:
Name Converse Environmental Consultants License # 506102 Phone # (818) 796-8200
Mailing Address 67 West Bellevue Dr. suite B Pasadena Ca 91105-2501

Registered Geologist/Engineering Geologist/Civil Engineer (RG/CEG/RCE):
Name Jon Bruton Reg. # 36197 Phone # (619) 578-3211
Mailing Address 8823 Production Ave. San Diego Ca 92121

Number of Wells To Be Constructed: 3 \$ 420 fee paid on 3/9/90

Bond Posted By: Converse Environmental West Proposed Date of Drilling: 3/19/90

Type of Well:
 Ground Water
 Vadose
 Other
Drilling Method:
 Auger
 Mud Rotary
 Air Rotary
 Percussion
 Other

Materials To Be Used:
Casing
Type PVC
Gauge Schedule 40
Diameter 4"
Well Screen Size 0.020"
Seal
 Neat Cement
 Cement & Bentonite
 Other
Gravel Pack
Specify #3 screened sand

Proposed Construction:
Cement Seal 1 to 4
Bentonite Seal 4 to 7
Gravel Pack 7 to 30
Perforation 10 to 30
Note: For wells with multiple completion attach a well construction diagram.

Disposition of Application
 Approved Denied

I hereby agree to comply with all regulations of of Department of Health Services and with all ordinances and laws of the County of San Diego and the State of California pertaining to well construction and destruction.
Mark Ferrer 3/7/90
Driller Signature Date

Conditions All liners must be destroyed in accordance with DWR Bulletin 74-81. All wash water must be contained and disposed of properly.

Within 30 days of well completion, I will furnish the Department of Health Services and the State of California with a complete and accurate well log. I will certify the design and construction of the well in accordance with the permit application.
Jon C. Bruton 3/7/90
RG/CEG/RCE Signature Date

Ken M. Heil 3/13/90
Health Officer Date

CLERICAL WORK SHEET

DEPTH TO GROUND WATER \approx 21-22' ON 4/4/89
 GRADIENT TO NORTHWEST

DATE	COMMENTS	INITIALS
6/5/89	Notice to Owner - Certified	LD
↓	URR LEAK site report to Owner	LD
	RWQCB Notification and Notice	LD
	RWQCB Notification to VG File (copy)	LD
10/31/89	CONTACTED DAVID NOE RE: URR - REPORT INDICATES LEAK NOT STOPPED. REQUESTED PRECISION TEST DATA SINCE 1986. DAVID SAID HE WOULD SEND ME THE PRECISION TEST DATA AS WELL AS A REVISED U.R.R.	LD
3/20/90	TELCON W/ DAVID NOE, DISCUSSED BRIEFLY MY CONCERN ABOUT ADEQUATE DELINEATION OF CONTAMINATION IN SOIL & GRD. WATER AT THIS SITE BEFORE REMODEL OCCURS. RECOMMENDED TO DAVID THAT A WORK PLAN BE PREPARED AND SUBMITTED PRIOR TO BEGINNING WORK - DAVID AGREED. DISCUSSED EXISTING MONITORING WELLS AND IF WHETHER ANY SAMPLING SINCE APRIL 13, 1989 OWEN REPORT, DAVID INDICATED NO MONITORING SINCE OWEN. TOLD DAVID QTRLY. MONITORING NEEDS TO BE ESTABLISHED. WILL TALK TO MUNCH.	LD
4/9/90	MFG. W/ JIM MUNCH RWQCB - HE AGREES THAT QTRLY. SAMPLING NEEDED.	LD



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR
STEVEN A. ESCOBOZA
ASSISTANT DIRECTOR

DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH SERVICES

OFFICE OF THE DEPUTY DIRECTOR
P.O. BOX 85261
SAN DIEGO, CA 92186-5261
(619) 338-2211
Fax #: 338-2174

HAZARDOUS MATERIALS MANAGEMENT DIVISION
P. O. BOX 85261
SAN DIEGO, CA 92186-5261
(619) 338-2222

November 4, 1991

Walter Craig
Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, CA 92056

RE: UNAUTHORIZED RELEASE #T01392/H05459-001
MOBIL STATION #18-FPL
681 HIGHWAY 75, IMPERIAL BEACH, CA

The reports prepared by your consultant Converse Environmental West entitled: "Report on expanded soil and groundwater characterization", dated January 18, 1991, and "Work Plan for Remediation" dated July 26, 1991, have both been reviewed by the Hazardous Materials Management Division (HMMD) and the California Regional Water Quality Control Board (RWQCB).

Based on our review of your consultant's reports we believe that additional work or information or both is needed relative to site assessment and groundwater monitoring. These requirements along with recommendations for remediation (clean up) and a summary of reporting dates are discussed below.

SITE ASSESSMENT

Two types of contamination have been found on your site: fuel hydrocarbons (gasoline) and halogenated solvents (Tetrachloroethene, Dichloroethane and Trichloroethene).

Fuel contamination has been found in both the soil and ground water, while solvents have been identified in ground water only.

After review of the site assessment report we believe that additional work is needed to define the vertical and horizontal extent of fuel and solvent contamination in soil and ground water. Additionally, one or more significant pieces of information are missing from the site assessment report. The HMMD and RWQCB must have this information to properly evaluate conditions at the site. The additional work and missing items that must be provided are:

Soil

- 1) Collect soil samples around borings BH10, BH12, and SB2 from depths and locations which will demonstrate the vertical and horizontal extent of fuel contamination. We have found that soil contamination often extends below the water table, thus

becoming a continuing source of contamination to ground water, which may prevent an adequate ground-water clean up. Therefore, we recommend that samples be taken, at a minimum, just above and below the water table.

- 2) Collect soil samples around the existing and past waste oil tanks. These are necessary to determine if the waste oil tank(s) could have caused or contributed to the solvent contamination in ground water. At a minimum we recommend samples be taken from a depth equal to the tank pit bottom and from just above the water table.
- 3) Collect soil samples adjacent to existing and past product piping and dispensers.

- 4) Analyze soil samples for:

Total Petroleum Hydrocarbons (TPH)	DOHS TPH Method*
Total Recoverable Hydrocarbons	Method 418.1**
Benzene, Toluene, Xylene & Ethyl Benzene	EPA Method 8020*
Halogenated Solvents	EPA Method 8010**
Fuel samples only*	
Waste oil samples only**	

- 5) Submit plot plan drawings which show:
 - a) Existing and past underground tanks, piping and dispensers, and;
 - b) Boundaries of soil contamination (plan view).

Ground Water

- 6) Install ground water monitoring wells as follows:
 - a) East of boring BH10 and BH12 (west of well MW16);
 - b) West of well MW4;
 - c) Northwest of well MW11, and;
 - d) Midway between wells MW6 and MW13.
- 7) Develop the new wells and collect water samples for chemical analysis. Analyze the samples according to the ground-water monitoring program (see attached HMMD letter dated May 1, 1990).
- 8) Provide drawings that show the boundaries (isopleth or plume map) of dissolved Benzene, Xylene, and Solvents (Tetrachloroethene, Trichloroethene and Dichloroethane) in ground water.

We recommend that a work plan be submitted for our review prior to implementation of the requested work. Please submit a work plan, with a timetable for implementation and completion of the site assessment work requested, by November 21, 1991.

GROUND-WATER MONITORING PROGRAM

Our letter dated May 1, 1990, directed Mobil Oil to implement a quarterly ground-water monitoring program. The program requires that ground-water samples be collected and analyzed quarterly, and that the findings be submitted, in a report, to HMMD and the RWQCB. Reporting requirements and dates were given in our letter, which is attached.

To date we have not received the third quarter 1990 or the 1st, 2nd and 3rd quarter 1991 reports on ground-water monitoring.

Please also be aware that the following was not included in the water sampling data submitted, and must be provided with all future ground-water monitoring reports:

- 1) Analyze water samples for total lead not organic lead. Please refer to the method referenced in our May 1, 1990 letter.
- 2) Describe whether wells are slow or fast recharging, and give the time elapsed between well purging and collection of water samples (should not exceed 2 hours). Include also the volume of water removed from the wells and whether this was based on borehole or casing diameter (for example, three borehole volumes of water removed from each well prior to sampling).
- 3) Provide dates of well development and well purging (for purposes of collecting water samples).

Please note: that these should not be considered as being the same thing. Their purpose and goals are different. Guidelines for well purging and sampling can be found in the San Diego County Site Assessment and Mitigation Manual dated January 1991 with the May 1991 update. Guidelines for well development are currently in draft form and will soon be available. We recommend that all wells be properly developed prior to obtaining water samples. Well development should consider the water bearing formation characteristics and provide a bidirectional flow of water in the well (for example, use of a surge block). We also recommend that well purging and water sampling occur at least 72 hours after well development. This will ensure that reliable observations of static water levels and thickness of floating fuel product (if present) in wells are made.

To comply with the requirements of your ground-water monitoring program please include the requested information in all future

November 4, 1991

reports, and submit these reports according to the schedule in our May 1, 1990 letter. The next report is due January 30, 1992.

REMEDATION (CLEAN UP)

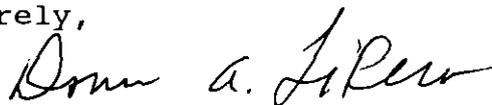
Your proposed remediation of fuel contamination in soil, using vapor extraction, is not recommended at this time. We recommend that the vertical and horizontal extent of fuel and solvent contamination in soil and ground water, be fully defined first. A comprehensive site assessment should then be prepared and submitted to HMMD and the RWQCB. The objective of the site assessment is to provide sufficient information to evaluate possible exposures to biological receptors and possible threats to ground water or surface water resources or both. Based on this information, and the proposed site use, the HMMD and RWQCB will establish appropriate clean-up levels for the site. At this time a remediation work plan can be submitted.

REPORTING TIMETABLE

- 1) Provide monthly updates of site progress. These should be brief statements of tasks accomplished, work in progress, and work to be performed.
- 2) Provide a work plan, with a timetable for implementation and completion of the site assessment work requested, by November 21, 1991.
- 3) Submit the next quarterly ground-water monitoring report by January 31, 1992.

Should you have any questions, please call me at (619) 338-2244.

Sincerely,



DONN LIPERA, Hazardous Materials Specialist
Hazardous Materials Management Division

DL:cl

Enclosure

cc: James Munch-RWQCB
Rod Reeve-Converse Environmental West
Phil Millenbah-Imperial Beach Planning Dept.

FILE WORK SHEET

H05459-001

DATE	COMMENTS	INITIALS
9/18/91	MTG. WITH KEVIN HEATON (HMMD HYDROGEOLOGIST). DISCUSSED CONVERSE SITE ASSESSMENT REPORT DATED 1/18/91. KEVIN AGREES CONFIGURATION OF DISSOLVED PHASE PLUME (SPREADING N. & S.) COULD BE DUE TO TIDAL INFLUENCE AND FLAT GRADIENT. HE AGREES THAT SOIL DELINEATION NOT COMPLETE - NEED SHALLOW BORINGS FOR FUEL CONTAM. AND POSSIBLY FOR CHLORINATED SOURCES. NEED ALSO LOCATIONS OF OLD ISLAND/PIPING. HE FELT THAT ALSO ADDITIONAL GROUND WATER DELINEATION NEEDED EAST OF BH-12 AND BH-10, MIDWAY BETWEEN MW6 & MW13, WEST OF MW4 FOR CHLORINATED'S AND NW OF MW11. HE FELT BOUNDARIES OF SOIL CONTAM. NEEDED ON PLAN VIEW DRAWING.	JH
10/18/91	MTG. WITH JIM MURCH (RWQCB). JIM AGREES WITH MY CONCERNS (9/16/91 REVIEW NOTES) AND KEVIN'S CONCERNS ABOVE.	JH
3/25/02	Jerome J	DJ
	HERE TO REVIEW FILE PER WRITTEN REVIEW:	

10/18/91

H05459-001

BASED ON MY REVIEW, AND REVIEW BY KEVIN HEATON AND JIM MUNCH THE FOLLOWING IS NEEDED:

WRITE LETTER

1) SOIL

a) BETTER DELINEATION OF CONTAMINATION IN SOIL AROUND BH10 (CAP FRINGE), BH12 (CAP FRINGE) AND SBZ (SHALLOW & CAP FRINGE).

b) SOIL SAMPLES FROM ^{NEW &} OLD ISLANDS AND PIPING.

c) ADDITIONAL SAMPLING AROUND WASTE OIL TANK FOR TPH (418.1) AND 8010.

2) GROUND WATER

DELINEATION { a) NEED BETTER DELINEATION AS FOLLOWS:
— EAST OF BH10 & BH12 (WEST OF MW16),
— MIDWAY BETWEEN MW6 & MW13
— NORTHWEST OF MW11
— WEST OF MW4 (CHLORINATED & FUEL)

REPORTING { b) NEED TO SUBMIT WTRLY. REPORTS (1ST & 2ND QTR. 1991 NOT RECEIVED).

SAMPLING { c) ANALYZE WATER SAMPLES FOR TOTAL Pb AND OPb.

d) GIVE DATE INDICATE WHEN WELLS DEVELOPED & SAMPLED.

10/18/91

H05459-001

②

2) GROUND WATER CONT.

SAMPLE 6 (E) EXPLAIN WHETHER VOLUME OF WATER PURGED WAS BASED ON BOREHOLE OR CASING, AND WHETHER RECOVERY WAS < 2 HRS.

3) PLOT PLANS

a) PLOT PLANS MUST SHOW :

- TPH, BENZENE AND PCE PLUMES
- ADJACENT SITE USES
- OLD AND CURRENT TANKS AND PIPING AND ISLANDS.
- BOUNDARIES OF SOIL CONTAMINATION ON PLAN VIEW AND CROSS-SECTION (SHALLOW & CAP FRINGE).

4) RECOMMEND THAT VAPOR EXTRACTION NOT BEGIN UNTIL FULL DELINEATION. RECOMMEND ALSO THAT A WORK PLAN BE SUBMITTED FOR ADDITIONAL ASSESSMENT.

681 HWY. 75 IMPERIAL ISCH.

9/16/91

MOBIL OIL
H05459-001

REVIEW NOTES CONVERSE ENV. SITE ASSESS. DATED 1/18/91

1) PURPOSE OF REPORT : TO CHARACTERIZE SOIL & GROUND WATER CONTAM. ON AND OFF SITE.

2) 8 BORINGS INSTALLED } 12/11-14/90
5 WELLS INSTALLED }
(MW11 - MW16)

3) BORINGS BH9, BH10 & BH12 SHOWED CONTAM. @ CAP FRINGE ($\approx 23'$) OF 130 PPM; 1000 PPM AND 12,000 PPM RESPECTIVELY.

4) $V \approx 23'$ B.G.

5) GRADIENT WEST - NORTHWEST @ ≈ 0.0004 FT/FT

6) WELLS :

* a) WELL DEVELOPMENT INCLUDED SURGING & PURGING.
DATE AND VOLUME OF WATER NOT GIVEN.

b) WELLS WERE SAMPLED ~~SAMPLED~~ AS FOLLOWS

12/19/90 \rightarrow MW11, 14 & 15

12/20/90 \rightarrow MW13 & 16

12/21/90 \rightarrow OMW4, MW5 & 7

1/7/91 \rightarrow OMW1, 3, MW6

WELL NUMBERING
EXCLUDES 9 & 10

* c) WELLS PURGED OF 3 WELL VOLUMES PRIOR

c) CONT. — TO SAMPLING (CASING VS. BOREHOLE
 NOT GIVEN). ~~THE~~ DATE ~~OF~~ PURGING
 AND WHETHER WELLS RECOVERED TO 80% NOT
 GIVEN.

* d) NO F.P. WAS OBSERVED IN ANY WELL.

e) ALL WELL SCREENS RANGE FROM 7.16 TO 11.06
 BELOW THE V.

7) GROUND WATER MONITORING :

a) ESTABLISHED 5/1/90 BY HMMD & RWQCS
 SEE HMMD LETTER.

b) ONLY 3 SAMPLING EVENTS :

MARCH 89 → OMW1, 2, 3, 4

MARCH 90 → OMW1, 2, 3, 4, MWS 5, 6, 7, 8

DEC 90 - JAN 91 → OMW1, ^{NA} 3, 4, MWS 5, 6, 7, 8, 11, 13, 14, 15, 16

* c) 1ST & 2ND QTR. 1991 REPORTS NOT
 SUBMITTED.

* d) WATER SAMPLES FROM DEC. 90, ANALYZED FOR
 ORGANIC LEAD (WELLS MW7 THROUGH MW16 ONLY).
 WELLS ~~OMW1~~ OMW1 - OMW4 WHICH HAD HIGH
 TOTAL LEAD 3/89 WERE NOT SAMPLED.
 SHOULD DO TOTAL Pb NOT OPb.

9/16/91

③
HOS459-001

8) WATER SAMPLES :

a) TPH, BTEX & OPB HOLDING TIMES, CHAIN OF CUSTODY, ETC. ACCEPTABLE.

b) WATER SAMPLES ANALYZED BY 8010 :

~~DEC 90~~ OMW 4, 5, 7, 8, 11, 13, 14, 15, 16

OMW 3, 4, MWS, 7, 8 ~~MAR 90~~

c) WATER SAMPLES ANALYZED BY 8290 :

OMW 4, MWS, 7, 8, 14

d) ALL WATER SAMPLES ANALYZED BY

9) SOIL SAMPLES :

a) ALL SAMPLES ANALYZED WERE FROM THE CAP FRINGE FOR THIS PHASE. NO SHALLOW SAMPLES ANALYZED.

b) DONE BY P & T GC/FID

* c) BH-10 (FROM AUGER FLIGHTS) CUTTINGS EXHIBIT 1000 PPM TPH.

WHAT DEPTH DID THIS COME FROM AND WHY WAS IT SAMPLED.

d) CHAIN OF CUSTODY & HOLDING TIMES OK

e) SAMPLES OBTAINED IN BRASS SLEEVES.

f) DECON. ADEQUATE.

9/17/91

H05959-001

4

*10) PLOT PLANS / CROSS-SECTIONS :

- GROUND WATER
- a) BENZENE / XYLENE PLUMES NOT PLOTTED.
 - b) TANKS, ISLANDS, PIPING, ^{PERCENT SITE USES} NOT SHOWN
 - c) CHLORINATED PLUME(S) NOT PLOTTED.
- SOIL
- d) HORIZONTAL EXTENT (BOUNDARIES) ^{OF FUEL CONTAM.} NOT SHOWN ON PLAN VIEW IN THIS OR PREVIOUS REPORTS.
 - e) BOUNDARIES OF FUEL CONTAM. NOT SHOWN ON CROSS-SECTIONS IN THIS REPORT.

*11) MOBIL HOME PARK AND ^(DRY CLEANERS) LAUNDRY CENTER ARE IMMEDIATELY DOWN GRADIENT OF SITE.

(12) PG. 3 TANKS REMOVED AND REPLACED IN SAME EXCAVATION TRENCH IN 1986. OLD MOBIL STATION IN 70's BLDG. LOCATED S.E. CORNER.

*13) MWG AND OMW2 NOT USED IN DETERMINING GRADIENT DUE TO INCONGRUOUS RESULTS — THIS WAS NOT SEEN IN APRIL 1990 REPORT. ADDITIONAL MONITORING DATA IS NEEDED.

*14) REPORT CONCLUDES :

a) CONTAM. IN SOIL LIMITED TO CAP FRINGE

9/17/91

H03459-001

5

14) CONT.

a) EXCEPT IN AREA OF SB-2.

* b) DISSOLVED PHASE FUEL PLUME IS DEFINED,
CONCLUDE PLUME IS ELONGATED ACROSS
THE G.W. GRADIENT BECAUSE GRADIENT IS
FAST AND TIDAL INFLUENCES.

* NOT CLEAR WHETHER THIS IS TRUE.

c) PCE SOURCE UNKNOWN.

d) NO RECOMMENDATIONS

* 15) SOIL :

a) NEED MORE DELINEATION AROUND BORINGS
TSH 10, TSH 12, SB-2 — SHALLOW & CAP FRINGE
ALSO NEED SOIL SAMPLES FOR PIPING OLD & NEW.

b) NEED CONFIGURATION OF OLD GAS STATION
FROM 70's — eg ISLANDS AND PIPING
LOCATIONS.

c) NEED PLAN VIEW PLOT PLAN SHOWING
SHALLOW AND CAP FRINGE SOIL CONTAM.

16) GROUND WATER :

a) DISCUSS W/ JIM MUNCH (RWD/CB) AND KEVIN
HEWITT (HMMW) — MAY NEED ADDITIONAL WELLS.



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR
STEVEN A. ESCOBOZA
ASSISTANT DIRECTOR

DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH SERVICES

OFFICE OF THE DEPUTY DIRECTOR
P.O. BOX 85261
SAN DIEGO, CA 92186-5261
(619) 338-2211
Fax #: 338-2174

HAZARDOUS MATERIALS MANAGEMENT DIVISION
P. O. BOX 85261
SAN DIEGO, CA 92186-5261
(619) 338-2222

February 19, 1991

Mr. Bob Allen
County of San Diego
Department of Public Works, Solid Waste, MS0333
5555 Overland Avenue, Building 2
San Diego, CA 92123

Dear Mr. Allen:

RE: FUEL CONTAMINATED SOIL T01392/H05459-001
MOBIL STATION #18-FPL, 681 HWY 75, IMPERIAL BEACH, CA

Converse Environmental West, 9471 Ridgehaven Ct., Suite C, San Diego, CA 92123, the consultant for Mobil Oil Corporation, 3800 W. Alameda Ave., Suite 700, Burbank, CA 91505, the generator, has requested to dispose of contaminated soil at the Otay Landfill. Both the County Department of Health Services, Hazardous Materials Management Division (HMMD) and the San Diego Regional Water Quality Control Board (RWQCB) have reviewed the proposal and accompanying data.

Based on all the information submitted, the approximately 6 cubic yards of soil does not contain concentrations greater than 5.0 mg/kg Total Petroleum Hydrocarbons (gasoline). Both the HMMD and the RWQCB consider this soil to be suitable for disposal at this San Diego Class III Landfill.

The generator must complete all applications and/or non-hazardous manifests required by local landfills for disposal of soil originating from contaminated sites. The generator must also contact the disposal site prior to transporting the soil and submit any special handling fees. A receipt, or equivalent documentation must be submitted to the HMMD and RWQCB, acknowledging the final disposition of this soil.

LARRY BODENHAMER
County of San Diego
Department of Health Services
Hazardous Materials Management Division

JIM MUNCH
Regional Water Quality Control Board

LB:jw

cc: David Noe-Mobil Oil
Douglas Harvey-Converse Environmental West
Katja Rytokoski-Mobil Oil
Donn Lipera-HMMD

WP/T01392



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR

DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH SERVICES

OFFICE OF THE DEPUTY DIRECTOR
P. O. BOX 85261
SAN DIEGO, CA 92186-5261
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HAZARDOUS MATERIALS MANAGEMENT DIVISION
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SAN DIEGO, CA 92186-5261
(619) 338-2222

December 16, 1992

Mr. Walter Craig
Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, CA 92056

Dear Mr. Craig:

RE: UNAUTHORIZED RELEASE #T01392/H05459-001
MOBIL STATION #18-FPL
681 HIGHWAY 75, IMPERIAL BEACH, CA

This letter is to remind you that all work, associated with corrective action taken for unauthorized releases, requires a workplan approved by the Hazardous Materials Management Division (HMMD).

On November 24, 1992, we received a citizen complaint that soil, with strong gasoline odors, was being excavated and stockpiled at your site referenced above. In our telephone conversation; the same day, you told me that contaminated soil was encountered adjacent to the tank pit while removing the old pipeline. Additionally, you stated the soil was excavated to about 12 feet below grade in the area where the piping entered the tank pit and that the contaminated soil has been hauled to a disposal facility (TPS) in Adalanto, California. Manifests documenting proper disposal of this soil are required and must be submitted to the HMMD by January 1, 1993.

A revised workplan prepared by Vapor Extraction Technology (VET) and dated November 9, 1992, was submitted and approved. The plan described the installation of vapor extraction wells, soil borings and the installation of piping to be utilized as part of a vapor extraction system. The plan did not describe soil excavation work.

Eligibility for reimbursement from the Underground Storage Tank Cleanup Fund, as described in the California Health and Safety Code, Division 20, Chapter 6.75, requires compliance with the requirements in Chapter 6.75 and Article 11 of the California Code of Regulations, Title 23, Division 3, Chapter 16.

Mr. Walter Craig

2

December 16, 1992

Section 2722(c)(1) and (2), of Article 11, requires the responsible party (Mobil Oil in this case) to submit a workplan for approval prior to initiating any work. Additionally, the responsible party is required to notify the regulatory agency before taking interim remedial actions (such as excavation of contaminated soil) as defined in section 2722(b). I have enclosed a copy of Article 11 for your convenience.

This letter is intended to serve as notice to Mobil Oil that a workplan must be submitted to and approved by this department prior to implementation of all future work associated with corrective actions.

Please call me at (619) 338-2244 if you have any questions.

Sincerely,



DONN LI PERA, Hazardous Materials Specialist
Hazardous Materials Management Division

DL:cl

Enclosure: Article 11

cc: Corey Walsh, RWQCB
Thomas Lahey, VET
Sandra Malos, SWRCB

COMPLAINT/PROPOSITION 65 DISCLOSURE REPORT

DATE/TIME RECEIVED 11/24/92
DATE/TIME OF INCIDENT ongo
LOCATION OF PROBLEM TB 71A4
77th St E Palm Av

RECEIVED BY C. Albert
ASSIGNED TO LIPERA
REPORTED BY _____
AGENCY _____
ADDRESS _____
PHONE 575-2536

CITY Imperial Beach ZIP 91932
NEAREST CROSS STREET _____
BUSINESS NAME MOBIL GAS
ESTABLISHMENT NO. _____
PREVIOUS COMPLAINTS _____

REFERRED: YES _____ NO _____
AGENCY _____

<input checked="" type="checkbox"/>	IMMEDIATE ACTION
<input checked="" type="checkbox"/>	ROUTE TO SPECIALIST
<input type="checkbox"/>	ROUTINE/WORK IN PROGRESS
<input type="checkbox"/>	ACTION TAKEN BY OTHER AGENCY
<input type="checkbox"/>	INFO PREVIOUSLY RECEIVED
REVIEWED BY	<u>VENT</u>

NATURE OF COMPLAINT/DISCHARGE
ALLEGES/SUSPECTS TANK REMOVAL - LARGE PILES OF
DIRT IN AREA AND VERY STRONG GAS ODOUR/
SMELL IN AREA CLOSE TO GAS STATION.

ESTIMATED QUANTITY DISCHARGED _____ QUANTITY THREATENED TO BE RELEASED _____
HEALTH THREAT/EXPOSURES - EXPLAIN _____

CURRENT STATUS _____

- A) Is this report being submitted as a Proposition 65 disclosure? YES _____ NO _____
- B) Is the person making the report a designated government employee? YES _____ NO _____
- C) Designated employee stated that discharge/threatened discharge is likely to cause substantial injury to the public health or safety. YES _____ NO _____ EXPLAIN _____

DATE INVESTIGATED 11/29/92

ACTION TAKEN CONTACTED WALT CRAIG (MOBIL OIL 939-5069), WALT SAID SOIL WAS EXCAVATED FROM THE AREA OF THE TANK PIT WHEN THEY DISCOVERED CONTAMINATION DURING REPIPE. SOIL WAS EXCAVATED (11/18-19/92) AND ~~HAD~~ STOCKPILED. THE CONTAMINATED SOIL (VOLUME UNKNOWN AT THIS TIME) WAS HAULED TO TIPS IN ADALANTO, CA ON 11/23/92. SOIL THEY BELIEVED TO BE UNAFFECTED (240 CU. YDS.) ~~IS~~ IS CURRENTLY STOCKPILED AND COVERED AND HAS BEEN SAMPLED — THEY ARE AWAITING RESULTS. I TOLD WALT THE ~~THE~~ EXCAVATION WORK THEY DID REQUIRED AN APPROVED WORKPLAN — I.E. COMMUNITY HRS PLAN, PUBLIC NOTIFICATION, ETC.

RESPONSIBLE PARTY MOBIL OIL

ADDRESS _____

PHONE _____ VEHICLE DESCRIPTION _____

ENFORCEMENT AGENCIES CONTACTED: _____ YES NO

_____ FIRE _____	_____ RWQCB _____
_____ POLICE _____	_____ COAST GUARD _____
_____ CAL TRANS _____	_____ CAL FISH & GAME _____
_____ APCD _____	_____ ODP _____
_____ DEPT OF AGRICULTURE _____	_____ OTHER _____
_____ INDUSTRIAL WASTE _____	_____ CAL OSHA _____

FURTHER ACTION NEEDED WILL WRITE LETTER ADVISING MOBIL OIL THAT THIS TYPE OF WORK REQUIRES ~~AN~~ AN APPROVED WORKPLAN. AND THAT THE WORK PERFORMED IS NOT ELIGIBLE FOR REIMBURSEMENT FROM THE CLEANUP FUNDS.

COMPLAINT JUSTIFIED: YES _____ NO

WRITTEN NOTICE ISSUED: _____ YES NO

COMPLAINANT CONTACTED: YES _____ NO

IF NO, WHY NOT? EXPLAIN _____

INVESTIGATOR _____ DATE _____

PERMIT # W93165

A.P.N. # 626-250-12

EST # H05459

COUNTY OF SAN DIEGO
DEPARTMENT OF HEALTH SERVICES

HAZARDOUS MATERIALS MANAGEMENT DIVISION

MONITORING WELL AND BORING CONSTRUCTION AND DESTRUCTION PERMIT

SITE NAME: MOBIL #18-FPL

SITE ADDRESS: 681 HIGHWAY 75, IMPERIAL BEACH, CA 91932

PERMIT FOR: 2 GROUNDWATER MONITORING WELLS/VADOSE WELLS AND
3 BORINGS

PERMIT APPROVAL DATE: 11/12/92

PERMIT EXPIRES ON: 03/10/93

PERMIT CONDITIONS:

1. Submit with well logs \$150 for the additional boring that is going to be drilled.
2. All borings must be destroyed in accordance with Department of Water Resources Bulletin 74-81 and 74-90.
3. All wash water must be contained and disposed of properly.
4. Submit complete laboratory data for both soil and groundwater with the well logs.
5. Submit all the information specified in the SA/M Manual in:
Section 1, C., 4., c).
6. All water and soil that is placed in drums must be labeled and stored as specified in the SA/M Manual in:
Section 1, C., 5.
7. This office must be given 48 hour notice of any drilling activity on this site.
8. This office must be given advanced notification of drilling cancellation.

NOTE: This permit does not constitute approval of a workplan as defined in Section 2722 of Article 11 of C.C.R. Title 23. Workplans are required for all unauthorized release investigations in San Diego County.

APPROVED BY: *J. M. [Signature]*

DATE: 11/12/92

Notified: 11/12/92 [Signature]



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR

DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH SERVICES

OFFICE OF THE DEPUTY DIRECTOR
P. O. BOX 85261
SAN DIEGO, CA 92186-5261
(619) 338-2211
Fax #: 338-2174

HAZARDOUS MATERIALS MANAGEMENT DIVISION
P. O. BOX 85261
SAN-DIEGO, CA 92186-5261
(619) 338-2222

November 25, 1992

Mr. Walter Craig
Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, CA 92056

Dear Mr. Craig:

RE: UNAUTHORIZED RELEASE #T01392/H05459-001
MOBIL STATION #18-FPL
681 HIGHWAY 75, IMPERIAL BEACH, CA

This letter has been prepared in accordance with the requirements set forth in Title 23 (State Underground Storage Tank Regulations), Division 3, Amendment to Chapter 16, Article 11, Section 2722. The purpose of this letter is to notify the Responsible Party of the status of the revised Workplan received by the San Diego County Hazardous Materials Management Division (HMMD) on October 29, 1992.

The Workplan dated November 9, 1992, prepared by Vapor Extraction Technology (VET) covers one of the following phases of corrective action:

- Interim Remedial Action ()
- Preliminary Site Assessment ()
- Soil and Water Investigation (x)
- Corrective Action Plan Implementation ()
- Verification Monitoring ()

The Workplan has been:

- () approved.
- () disapproved-call the undersigned for further instructions--
- (x) approved with the following changes or conditions:

- 1) Submit a schedule for implementation and completion of full delineation of fuel and solvent contamination in soil and groundwater by December 15, 1992.

November 25, 1992

We requested, in our letter dated November 4, 1991, that fuel and solvent contamination be delineated in soil and groundwater; and a workplan be submitted outlining the work necessary to accomplish this.

The work proposed by VET addresses soil only. A workplan and a schedule for its implementation and completion is required for groundwater, as discussed in our letter dated, November--4, 1991.

- 2) Collect soil samples in the context of site geology (such as, changes in soil type) and from depths previously identified as having contamination. Also, soil samples must be collected below the water table, in 1 to 2 foot intervals, until the contamination bottoms-out.

The VET workplan proposes to collect soil samples at 5 foot intervals, at the capillary fringe and 2 feet below the water table only.

Keep this letter for your records as it may be required for corrective action cost reimbursement under Senate Bill 2004 (California Health and Safety Code, Chapter 6.75, Article 6).

Please call me at (619) 338-2244 if you have any questions.

Sincerely,



DONN LI PERA, Hazardous Materials Specialist
Hazardous Materials Management Division

DL:cl

cc: Corey Walsh, RWQCB
Thomas Lahey, VET

MEETING/PHONE/PEER REVIEW

RECORD

H05459-001
DATE: 11 / 5 / 92
TIME: :
PAGE <u>1</u> OF <u>1</u>
SPEC: <i>DF</i>

(Check One)

Meeting Minutes

Meeting Location: _____
(Attach Sign-up Sheet HM-9048)

Telephone Conversation

Phone: (_____) _____

Name: _____

Peer Review

Name: DAVE FELIX (HMMD)

TOPIC: VET WORKPLAN DATED 10/26/92

SUMMARY:

DISCUSSED THE LOCATIONS OF PROPOSED VAPOR EXTRACTION WELLS WITH DAVE. WE BOTH AGREED WELLS TOO CLOSE TOGETHER. NEED ONLY TWO WELLS IN THE AREA THEY HAVE PLACED 4. SHOULD HAVE OTHER WELLS OUT TO EVALUATE OFFSITE MIGRATION AT CAP FRINGE AND BELOW.

SOIL SHOULD BE SAMPLED AT 20', 25' IN ALL WELLS AND 1-2' INCREMENTS BELOW THAT, UNTIL CONTAM. BOTTOMS OUT.

MEETING/PHONE/PEER REVIEW RECORD

H05459-001
DATE: 11/15/92
TIME: :
PAGE ___ OF ___
SPEC: <i>At</i>

(Check One)

Meeting Minutes

Meeting Location: _____
(Attach Sign-up Sheet HM-9048)

Telephone Conversation

Phone: (___) _____
Name: WALT CRAIG

Peer Review

Name: _____

TOPIC: VET WORKPLAN DATED 10/26/92

SUMMARY: _____

DISCUSSED THE NEED TO RELOCATE SOIL BORINGS.
TOLD WALT THAT THE PROPOSED VAPOR WELLS
WERE SPACED TOO CLOSE TOGETHER. I TOLD
HIM THEY SHOULD ELIMINATE 2 OF THE WELLS
AND INSTALL 3 BORINGS OFFSITE — SEE RECOM-
MENDED LOCATIONS IN RED ON PLOT PLAN.

HE SAID HE WOULD HAVE VET REVISE THE
PLAN AND RESUBMIT ~~NEXT~~ WEEK.

I TOLD HIM IF PLAN NOT SUBMITTED BY FR.
~~11/13/92~~ 11/13/92 I WILL WRITE DISAPPROVAL LETTER.

WRITE WORKPLAN
DISAPPROVAL
LETTER 11/16/92
IF REVISED WORK
PLAN NOT SUBMITTED

DISCUSS W/
WACT OR
ERIC

WRITE
DISAPPROVAL
LETTER



County of San Diego

J. WILLIAM COX, M.D., Ph.D.
DIRECTOR

DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH SERVICES

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P. O. BOX 85261
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(619) 338-2222

September 18, 1992

NOTICE OF REIMBURSEMENT RESPONSIBILITY

Mobil Oil
Attn: Walter Craig
3142 Vista Way, Suite #400
Oceanside, CA 92056

Dear Mr. Craig:

RE: UNAUTHORIZED RELEASE #T1392/H05459-002
MOBIL STATION #18-FPL, 681 HY 75, IMPERIAL BEACH, CA 91932-1314

This letter is to notify you of the billing procedure for the unauthorized release (leak) investigation at the above referenced underground storage tank site. The County of San Diego is under contract with the State Water Resources Control Board (SWRCB) to oversee the investigation and remediation (clean-up) of unauthorized releases. All costs incurred on this case by the Hazardous Materials Management Division (HMMD) are being invoiced to the SWRCB who will bill you.

A previous reimbursement notification may have been sent regarding this site. If this case is resolved, please retain this letter with your records. Active cases should be resolved in a prompt and effective manner to help minimize the amount billed by the SWRCB.

The HMMD has identified the following party(ies) as being responsible for the implementation of the environmental investigation and cleanup of this Unauthorized Release:

Mobil Oil
Attn: Walter Craig
3142 Vista Way, Suite #400
Oceanside, CA 92056

The California Health and Safety Code (HS&C) Chapters 6.7 and 6.75 requires the tank owner, tank operator, property owner or other responsible parties to take corrective action in response to an Unauthorized Release. The California Code of Regulations (CCR), Title 23, Division 3, Chapter 16, Underground Storage Tank Regulations provides the release reporting and initial abatement requirements.

Walter Craig

-2-

September 18, 1992

With regard to the contract, the SWRCB requires the HMMD notify you of the following:

"Whereas the federal Petroleum Leaking Underground Storage Tank Trust Fund provides funding to pay the local agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks; and Whereas the Legislature has authorized funds to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks; and Whereas the direct and indirect costs of overseeing removal or remedial action at the above site are funded, in whole or in part, from the federal Trust Fund; and Whereas the above individual(s) or entity(ies) have been identified as the party or parties responsible for investigation and cleanup of the above site; YOU ARE HEREBY NOTIFIED that pursuant to Title 42 of the United States Code, Section 6991b(h)(6) and Sections 25297.1 and 25360 of the Health and Safety Code, the above Responsible Party or Parties shall reimburse the State Water Resources Control Board the following:

FOR all direct and indirect costs incurred by any and all state and local agencies while overseeing the cleanup of the above referenced underground storage tank site (prior to January 1, 1991); FOR not more than 150 percent of the total amount of site specific oversight costs actually incurred while overseeing the cleanup of the above underground storage tank site (beginning January 1, 1991); and the above Responsible Party or Parties shall make full payment of such costs within 30 days of receipt of a detailed invoice from the State Water Resources Control Board."

The Underground Storage Tank (UST) Cleanup Fund provides funding to eligible responsible parties for corrective action and third party liability costs resulting from the unauthorized release of petroleum hydrocarbons. For more information on the UST Cleanup Fund, please contact the SWRCB at (916) 739-2475.

If you have any questions concerning this Notice, please contact the undersigned at (619) 338-2244.

Sincerely,



DONN LI PERA, Hazardous Materials Specialist
Hazardous Materials Management Division

DL:hd

cc: Sandra L. Malos, State Water Resources Control Board
Corey Walsh, San Diego Regional Water Quality Control Board

CURRENT CASE STATUS: RESOLVED ON ACTIVE

MONTH/ YEAR

WP\T1392.

MEETING/PHONE/PEER REVIEW

RECORD

H 05959-001
DATE: 11/1/93
TIME: :
PAGE 1 OF 1
SPEC: DA

(Check One)

Meeting Minutes

Meeting Location: _____

(Attach Sign-up Sheet HM-9048)

Telephone Conversation

Phone: (____) _____

Name: JAMES WALKER

Peer Review

Name: _____

TOPIC: MOBIL STATION

SUMMARY: JAMES TOLD ME THAT ACTON RIGHT NOW IS HANDLING ONLY THE GROUNDWATER MONITORING. HE SAID THEY WILL BE GIVEN RESPONSIBILITY FOR THE REST OF THE SITE BY THE END OF THE MONTH.

11/1/93

H05459-001

REVIEW CAPT.

2) CONT.

(SOURCE?) P4 → 45 cu. yds.
25 yds. TO TPS
15 yds. USED IN BOTTOM OF E3
5 yds. USED TO FILL E2.

E3
B7-19
VW1-2
MW20
B21
P5 → 120 cu. yds. TO TPS

P6 → 80 cu. yds.
80 yds. USED TO BACK-FILL UPPER PORTION
R.S. OF E4.

3) VET CONCLUDES THAT EXTENT OF SOIL CONTAMINATION IS DELINEATED. IN TERMS OF MOVING ONTO SOIL REMEDIATION THIS IS TRUE.

*4) ONE SOIL BORING FOR EACH W/O. TANK LOCATION WAS N.D. 8010 FOR SOIL.

*5) HIGHEST HITS FOR SOLVENTS ONSITE AND NEXT TO W/O. TANK — DISCUSS WITH KEVIN & ROZ.

11/2/93

H05459-001

REVIEW CONT.

6) VET RECOMMENDATIONS :

- CLEANUP LEVELS → 1000 PPM TPH SOIL
REMOVAL OF F.P. FOR G.W.
- MOBIL NOT BE HELD RESPONSIBLE FOR SOLVENTS.
- BEGIN REMEDIATION OR PREPARE RISK ASSESS. STUDY.
- CONTINUE G.W. MONITORING.

7) SAH RECOMMENDATIONS :

- CLEANUP LEVELS BE SET AT 1000 PPM TPH SOIL
AND ~~BE~~ FOR G.W. REMOVAL OF F.P.
- SUBMIT REMEDIATION WORK PLAN FOR SOIL.
- ADDITIONAL ASSESSMENT NECESSARY FOR SOIL
TO DEMONSTRATE MOBIL DID NOT CONTRIBUTE
TO SOLVENT PROBLEM.
- REDUCE G.W. SAMPLING TO ANNUAL OR SEMI-ANNUAL

7 ≈ 20-22'

10/28/93

H05459-001

REVIEW OF VET ASSESSMENT REPORT DATED 3/3/93.

1) 575 CU. YDS. OF SOIL EXCAVATED AND STORED ON SITE IN 5 STOCKPILES (P1-PS) (NOV. 92)

140 CU. YDS. USED AS FILL IN SELECTED EXCAVATIONS.

435 CU. YDS. HAULED TO TPS TECHNOLOGIES.

2) STOCKPILE :

(E4) P1 → 180 CU. YDS.

100 YDS. TO TPS

R.S.

80 YDS. RESAMPLED AND USED TO BACKFILL UPPER PORTION OF EXCAVATION E4.

(SOUTH PART) E4 P2 → 80 CU. YDS.

40 YDS. TO TPS BASED ON ORDERS

40 YDS. USED TO BACKFILL LOWER 2.5' OF EXCAVATION E4.

(LOWER PART) E1 P3 → 150 CU. YDS. ALL TO TPS.

R.S.

10/26/93

H05459-001

REVIEW OF ALTON MONITORING REPORT DATED 8/19/93

- 1) GRADIENT MAP LOOKS STRANGE — SHOWS WATER CONVERGING TOWARD OMW-1 — I DON'T BELIEVE THIS IS A PUMPING WELL.
- 2) $\bar{V} \approx 20-22'$ B.G.
- 3) WELLS MW2, 3, 6 & 7 APPEAR TO HAVE THE PROBLEM CONCENTRATIONS OF TBTXE.
- 4) WITH THE EXCEPTION OF WELL MW14 ALL WELLS WITH SOLVENTS ARE ONSITE.
- 5) WELLS W/ SOLVENTS ALL ON WEST SIDE OF PROPERTY.
- 6) HIGHEST SOLVENT HIT NEXT TO W.O. TANK.
- 7) REDUCE SAMPLING TO ANNUALLY.

D.L



County of San Diego

ROBERT K. ROSS, M. D.
DIRECTOR

DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH SERVICES

OFFICE OF THE DEPUTY DIRECTOR
P. O. BOX 85261
SAN DIEGO, CA 92186-5261
(619) 338-2222
Fax #: 338-2174

SITE ASSESSMENT AND MITIGATION DIVISION
P.O. BOX 85261
SAN DIEGO, CA 92186-5261
(619) 338-2222

April 19, 1994

Mr. Walter Craig, Project Engineer II
Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, CA 92056

Dear Mr. Craig:

RE: UNAUTHORIZED RELEASE #T01392/H05459-002
MOBIL STATION #18-FPL, 681 HIGHWAY 75, IMPERIAL BEACH, CA

This letter is to inform you of our findings from review of the VET Site Assessment Report, dated June 15, 1993, and the Alton Geoscience Groundwater Monitoring Report, dated January 12, 1994. Our findings have been discussed with the Regional Water Quality Control Board (RWQCB) and they concur with our conclusions and recommendations.

Below you will find our response outlined under the following topics: Site Assessment, Cleanup Levels, Groundwater Monitoring.

SITE ASSESSMENT

We agree with some of the conclusions and recommendations in the VET report. VET conclusions and recommendations include:

VET Conclusions

1. The full vertical and horizontal extent of hydrocarbon contaminated soil and groundwater has been determined.
2. Soil contaminated by fuel in excess of 100 parts-per-million (PPM) of Total Petroleum Hydrocarbons (TPH) has been removed from the vadose zone in excavations E2 and E3.
3. Concentrations of TPH remaining in the vadose zone soil above 100 PPM exist in excavations E1 and E4.
4. The majority of contamination remaining above 1000 PPM TPH exists just above the watertable and up to approximately 5 feet below the watertable, both on- and off-site.

5. The smearing of fuel above and below the watertable is due to historic changes in groundwater elevation.
6. Halogenated solvents were not detected in a sample collected next to each waste oil tank location, therefore the source of solvents in groundwater is likely the dry cleaners located to the southwest.

VET Recommendations

1. Non-beneficial use designation be given for groundwater.
2. Soil cleanup level be set at 1000 PPM TPH for soil, and removal of free product for groundwater.
3. Mobil should request they not be held responsible for cleanup of halogenated solvents.
4. Mobil should either implement a cleanup, or begin preparation of a risk assessment study.
5. Continue monitoring groundwater.

We agree with VET's conclusions and recommendations in general, however, we do not agree with conclusion #1 nor #6 and recommendation #2 nor #4. The conclusions are discussed below, and the recommendations are covered under the Cleanup Level section.

We do not agree with conclusion #1 that the full extent of hydrocarbon affected soil and groundwater has been delineated. The vertical extent of fuel affected soil is not delineated in remedial excavations E1 and E4. Also, the horizontal boundary of fuel affected soil is not defined south of boring B-19, 23 feet below grade. However, fuel contamination in groundwater is adequately delineated.

We agree with conclusion #6 that the dry cleaners may be a source of the solvents in groundwater. However, we do not agree that one soil sample from each waste oil tank location is sufficient to conclude they were not also a source of solvents. Additional soil sampling will be required.

The following additional site assessment activities are needed:

- a. Soil samples must be collected and analyzed for TPH and Benzene for vertical delineation of fuel affected soil in remedial excavations E1 and E4, and for horizontal delineation south of B-19.
- b. Soil samples must be collected from each end of the existing waste oil tank and former waste oil tank and analyzed for halogenated solvents.

April 19, 1994

- c. Drinking water lines and customer service connections located adjacent to the Mobil station must be shown on plan view maps.

Please submit a workplan for the work requested above by **May 30, 1994.**

CLEANUP LEVELS

We have discussed groundwater uses and cleanup levels for the site with the RWQCB and reached the following decisions:

- a. The Mobil site is located in an area with no designated beneficial uses for groundwater.
- b. Soil cleanup levels are set at 1000 PPM TPH, but may be lowered if additional assessment or fate and transport modelling shows an exposure risk to a receptor exists.
- c. Groundwater cleanup levels will be determined once full delineation of soil contamination is completed and a remedial approach for soil chosen. However, removal of free product will be the minimum standard. If a risk assessment approach is chosen, additional delineation of soil and groundwater may be required. Initially, we recommend that you focus on cleanup of soil, which can be done concurrently with the additional assessment work we have requested.

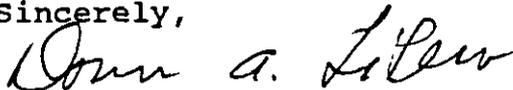
Please submit a workplan for remediation of soil by **May 30, 1994.**

GROUNDWATER MONITORING

After reviewing all the groundwater data submitted to us, we conclude the following: free product has never been detected in the wells; and dissolved concentrations of fuels remain stable. Based on these conclusions groundwater monitoring and sampling may be reduced from quarterly to annually.

Please call me at (619) 338-2244 if you have any questions.

Sincerely,



DONN LI PERA, Hazardous Materials Specialist
Site Assessment and Mitigation Division

DL:gl

cc: Rosalind Dimenstein, RWQCB
James Wallace, Alton Geoscience

3/1/94

MOBIL MTG.

MTG. W/ WACT CRAIG (MOBIL)
JAMES WALLACE (ALTON)

1) 18-033 TIERRASANTA
H13395-001

ADDITIONAL SOIL SAMPLING DONE — REPORT TO
BE SUBMITTED SOMETIME IN MARCH, REPORT NOT
YET SUBMITTED TO MOBIL.

2) 18-745 SAN YSIDRO
H01577-001

ADDITIONAL SOIL & WATER WORK DONE — HOWEVER
THEY HAVE NOT SUBMITTED REPORT BECAUSE THEY
HAVE NOT BEEN ABLE TO GET ACCESS TO
PROPERTY TO WEST, I REQUESTED THEY
SUBMIT REPORT ASAP AND REQUEST OUR
ASSISTANCE IN GAINING ACCESS. JOHN & I
NEED TO DISCUSS DATA AT SHELL THEN
REQUEST MTG. TO DISCUSS COOPERATION,
NEED BETTER DELINEATION OF STRATIGRAPHY —
CONTINUOUS CORE.

3) H12486-001 & 002 COLLEGE AV.

UNIVERSITY FOUNDATION WILL BE ACQUIRING PROPERTY.
MOBIL WILL BE OUT SEPT. 9~~4~~ OR MAR. 96

MOBIL MTG. CONT.

3/1/94

3) CONT. ASSESSMENT PLANS NOT FIRMED UP BETWEEN MOBIL & ACTON. REQUESTED THEY SUBMIT A WORKPLAN BY DATE IN MY LETTER. IF DATE CAN'T BE MET THEY WILL CALL ME TO DISCUSS.

4) 18-FRT SEUGRIN DR.

MOBIL PLANS ADDITIONAL SITE ASSESSMENT, BUT HAS NOT FIRMED UP PLANS W/ ACTON. GEOLOGY MAY NEED FURTHER EVALUATION. LAST WORK DONE BY VET (OFFSITE WELLS) NOT YET REVIEWED BY ME. THEY WOULD LIKE MY FEEDBACK BEFORE THEY MOVE FORWARD. REQUESTED THEY MOVE FORWARD ON WORKPLAN FOR SOIL BY APRIL 15.

5) H14166-001 THIRD ST., C.V.

ACTON CURRENTLY PREPARING WORKPLAN. THIS MONTH WE WELL ONLY TO DATE. SOIL DELINEATED ~~VERTICALLY~~ HORIZONTALLY BUT NOT VERTICALLY.

6) H12547-001 PALOMAR AIRPORT RD.

WELL IN STREET PAUSED OVER. JAMES FEELS WELL IS STILL INTACT. THEY ARE WORKING ON MAKING WELL ACCESSIBLE.

- 7) H05473-001 ENCINITAS
MOBIL PLANS ADDITIONAL SOIL ASSESSMENT.
WORK PLAN TO BE SUBMITTED BY MID APRIL.
- 8) H13507-001 WASHINGTON ST.
MOBIL & ALTON WILL DISCUSS WORKPLAN — WILL
SUBMIT A WORKPLAN BY MID APRIL FOR
UPGRADIENT WORK, FOR SOLVENTS, GEOLOGY, ETC.
- 9) H13029-001 MISSION CTR. RD.
ADDITIONAL WELLS AND SOIL BORINGS. THEY
FEEL THEY NEED TO STEP OUT TO THE
WEST FOR G.W. WILL SUBMIT REPORT
BY MID TO LATE MARCH W/ WORKPLAN
FOR ADDITIONAL WORK.
- 10) H24765-001 AVOCADO
MW4 ANOMALOUS JUMP IN DISSOLVED BENZENE NOW
UP ABOVE 1000 PPB. WORKPLAN TO ASSESS
IN THE HOUSE NEXT DOOR AND AROUND MW 4
TO ME BY MARCH 99.
- 11) H12650-001 & 002 MAIN ST., E.C.
MCCLAREN HAD DID REMEDIAL DIG. PRIMARY
ISSUE REMAINING IS W.O. CONTAM. OFFSITE.
WORKPLAN FOR ADDITIONAL ASSESSMENT TO
BE SUBMITTED BY MID APRIL.

MOBIL MTG. CONT.

3/1/94

(12) H05928-001 CTR. CITY PKWY, ESC.

4

(13) H10475-001 GRAND ESC.

- CTR. CITY SITE NOW CLOSED FROM OPERATION.
- CTR. CITY APPEARS TO BE CAP FRINGE PROBLEM — PROPOSE REMEDIAL DIG IN EARLY MAY. WANT TO DO ABOVEGROUND BIO. — I SAID NO!

(14) H01535-001 PWAY

MOBIL PROPOSES TO DO OFFSITE REMEDIAL DIG F.P. RECOVERY SYSTEM TURNED OFF FOR \approx 2 QTRS NO F.P. NOW. ADDITIONAL ASSESSMENT DONE BUT NOT YET SUBMITTED. REPORT SUBMITTED EARLY MARCH — WORKPLAN FOR REMEDIAL DIG W/ DIG IN APRIL.

(15) H12538-001 BROADWAY

GAS TANK PIT DIG COMPLETED — STOCKPILES TO BE REMOVED BY TOMORROW. REPORT BY APRIL.

(16) H13505-001 WARING RD.

REPORT OF REMEDIAL DIG BEING PREPARED AND SUBMITTED BY LATE MARCH — EARLY APRIL.

MOBIL MTG. CONT.

3/1/94

17) H05426-001 MISSION AV., ESC.
STATION REMODELED IN 1992 — DIG SHOULD
HAVE BEEN DONE THEN. THEY PROPOSE TO
INSTALL AN INTERCEPTOR TRENCH TO CONTROL
OFFSITE MIGRATION, VET WP SUBMITTED?
WP FOR SOIL DELINEATION & G.W. DELINEATION
BY APRIL.

18) H04005-001 FLETCHER
PROPOSE VES FOR SOIL, BUT THEY HAVE CONCERN:
RE: WHETHER THIS WILL ENHANCE MOVEMENT
OF EXXON PROBLEM. THEY WILL SUBMIT WP
BY APRIL TO INCLUDE THEIR CONCERNS RE:
EXXON PROBLEM.

19) H12750-001 & 002 HARBOR DR., OCE.
MOBIL PROPOSES VES W/ SOME MINOR DEWATERING
WP BY END OF MARCH.

20) H19409-001
~~H13499~~ GOVERNOR ~~RECEIVED~~ & GENESSEE
REPORT TO BE SUBMITTED BY MONDAY,
HIGH DISSOLVED UNDER BLDG.
WP FOR VES BY MARCH.

21) H12966-001 I-8/MAGNOLIA
CHRONOLOGY ASAP —

MOBIL MTG. CONT.

3/1/94

- 22) H12796-001 HILL ST.
PROPOSE VES — W.P. BY MAY
- 23) H13040-001 HILLTOP & NAPLES
PULSING VES. SOME CONFIRMATION SAMPLING
DONE. REPORT TO MG IN MARCH.
WP FOR VERIFICATION AROUND VIEW-2 & VIEW 15
AND ASSESSMENT AROUND VIEW-22 & 23 —
BY APRIL.
- 24) H13499-002 GOV. & REG.
VERIFICATION SAMPLING DONE — REPORT TO
ME BY MARCH.
- 25) H05459-001 IMPERIAL BCH.
WAITING FOR RESPONSE FROM ME — LAST VET
REPORT. ✓ FILE
- 26) H12743-001
ADDITIONAL BORINGS DONE — REPORT TO
ME BY MARCH.
- 27) H12416-001 TELEGRAPH CYN.
- 28) H12653 FELICITA
ADDITIONAL SOIL & WATER SAMPLING DONE REPORT
TO MG BY APRIL.

PROJECTED ACTIVITIES FOR 1994**Additional Assessment Required in 1994**

X	18-033	Tierrasanta Blvd.	San Diego
X	18-D4D	San Ysidro Blvd.	San Ysidro
X	18-EHB	College Ave.	San Diego
X	18-FKT	Severin Dr.	La Mesa
X	18-FM7	Third St.	Chula Vista
X	18-FYJ	Palomar Airport Rd.	Carlsbad
X	18-GAF	Encinitas Blvd.	Encinitas
X	18-GDR	Washington	San Diego
X	18-G6F	Mission Center Dr.	San Diego

Remedial Excavation Activities in 1994

X	18-000	Avacado	El Cajon
X	18-231	Center City Pkwy.	Escondido
X	18-EON	Main St.	El Cajon
X	18-E7Q	Grand Ave.	Escondido
X	18-E8T	Poway	Poway
X	18-EH2	Broadway	Lemon Grove
X	18-EKA	Waring Rd.	San Diego

Remedial System Installation / Enhancement in 1994

X	18-E6R	W. Mission Ave. [Interceptor Trench]	Escondido
X	18-EJV	Fletcher Pkwy. [Vapor Ext. Unit]	El Cajon
X	18-F7M	Harbor Dr. [Vapor Ext. Unit]	Oceanside
X	18-F8W	Governor Dr. [Vapor Ext. Unit]	San Diego
X	18-GK5	Magnolia Blvd. [Vapor Ext. Unit]	El Cajon
X	18-G66	Hill St. [Vapor Ext. Unit]	Oceanside

Remedial System Operation & Maintenance

X	18-FMF	Naples	Chula Vista
X	18-FXR	Governor Dr.	San Diego

Fate & Transport Modeling Candidates / Monitoring

X	18-666	Balboa Ave.	San Diego
X	18-FPL	State Hwy. 75	Imperial Beach
X	18-FVJ	La Jolla Blvd.	La Jolla
X	18-F95	Balboa Ave.	San Diego
X	18-GD2	Telegraph Canyon	Chula Vista
X	18-GRN	Center City Pkwy.	Escondido
X	18-JTV	Lomas Santa Fe	Solana Beach

All projected activities are subject to scheduling change.

MEETING/PHONE/PEER REVIEW

RECORD

H 05459-001
DATE: 1/27/94
TIME: :
PAGE 1 OF 1
SPEC: DL

(Check One)

Meeting Minutes

Meeting Location: _____

(Attach Sign-up Sheet HM-9048)

Telephone Conversation

Phone: (____) _____

Name: ROSALIND DIMENSTEIN (RWQLB)

Peer Review

Name: _____

TOPIC: MOBIL STATION IMPERIAL BEACH

SUMMARY: ROSALIND DISCUSSED ISSUES, SHE AND I PREVIOUSLY DISCUSSED, W/ HER SUPERVISOR JOHN ANDERSON, HER RESPONSE TO ME WAS THE FOLLOWING:

- 1) ~~SITE~~ CLEANUP LEVEL FOR SOIL COULD BE 1000 PPM
- 2) SITE IS NON-BENEFICIAL - HYDRO, UNIT 10.10
- 3) IF SOIL AROUND AND BELOW W.O. TANK IS N.D. FOR CHC'S - THEN MOBIL NOT RESPONSIBLE FOR THEIR CLEANUP.

1/20/94

MTG. W/ ROS.

SHE WILL CHECK W/

BARKER RE: SOLVENTS -

IF DO MORE SOIL SAMPLES
AND N.D. THEN NO CLEANUP

FOR SOLVENTS. SHE WILL
CHECK ON HYDRO. UNIT

AND WHETHER 1000 OR
100 PPM TPH FOR SOIL AND
IF DWS FOR G.W.

KJ



**PERMIT APPLICATION
GROUNDWATER
AND
VADOSE MONITORING WELLS
AND EXPLORATORY OR TEST BORINGS**

TCD APPLICATION #1304
OFFICE USE ONLY

PERMIT#: W 95595
 SAM CASE # YN H 05459 DM
 DATE RECEIVED: 11/16/95
 FEE PAID: 300.00
 BOND POSTED # YN: 40

A. ASSESSORS PARCEL NUMBER 626-250-1200
 Site Address Mobil Station FPL, 681 Highway 75 City Imperial Beach Zip 91932

B. PROPERTY OWNER Mobil Oil Corporation
 Mailing Address 3700 West 190th Street, TPT-2 City Torrance Zip 90509-2929
 Property Owner's Authorized Agent Elena Arellano Phone 310-212-1853
 Mailing Address 3700 West 190th Street, TPT-2 City Torrance State CA Zip 90505-2929
 Has Property Owner Been Consulted? Yes No

C. CONSULTANT INFORMATION
 Registered Professional (RG, RCE, CEG) Gary J. McCue Registration # RG 5886 Phone 619-587-0682
 Mailing Address 5764 Pacific Center Blvd., 101 City San Diego State CA Zip 92121

D. DRILLER INFORMATION
 Drillers Name Tri-County Drilling, Inc. C57# 547737 Phone (619) 484-9775
 Mailing Address 9921 Carmel Mtn Rd # 265 City San Diego State ca Zip 92129

<p><u>2</u> Number of wells or borings to be constructed/destroyed</p> <p>Type of wells or borings</p> <p><input type="checkbox"/> Groundwater</p> <p><input type="checkbox"/> Vadose</p> <p><input checked="" type="checkbox"/> Boring</p> <p><input type="checkbox"/> Other</p> <p>DRILLING METHOD</p> <p><input checked="" type="checkbox"/> Auger <input type="checkbox"/> Air Rotor</p> <p><input type="checkbox"/> Mud Rotary</p> <p><input type="checkbox"/> Percussion <input type="checkbox"/> Other</p>	<p align="center">MATERIALS TO BE USED</p> <p>CASING <u>N/A</u></p> <p>Type _____</p> <p>Gauge _____</p> <p>Diameter _____</p> <p>Well Screen Size _____</p> <p>Filter Pack (Specify) _____</p> <p>SEAL</p> <p><input type="checkbox"/> Neat Cement</p> <p><input type="checkbox"/> Cement & Bentonite</p> <p><input type="checkbox"/> Sand-Cement</p> <p><input checked="" type="checkbox"/> Bentonite</p> <p><input type="checkbox"/> Other</p>	<p align="center">PROPOSED CONSTRUCTION</p> <p>Estimated ground water depth <u>22</u> ft.</p> <p>CEMENT SEAL <u>0</u> to <u>2</u></p> <p>BENTONITE SEAL <u>0</u> to <u>27</u></p> <p>FILTER PACK _____ to _____</p> <p>PERFORATION _____ to _____</p> <p align="center">NOTE: For wells with multiple completion attach a well construction diagram</p>
--	--	---

I agree to comply with the requirements of the current Site Assessment Division Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

[Signature] DRILLERS SIGNATURE 11-15-95 DATE

Within 30 days of completion, I will furnish the Site Assessment and Mitigation Division with a complete and accurate well/boring log. I will certify the design and construction/or destruction of the well/borings in accordance with the permit application.

[Signature] RG/CEG/RCE SIGNATURE 11-15-95 DATE



D.L.

County of San Diego

GARY R. STEPHANY
DIRECTOR

DANIEL J. AVERA
ASSISTANT DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 85261, SAN DIEGO, CA 92186-5261
(619) 338-2222 FAX (619) 338-2377

SITE ASSESSMENT AND MITIGATION DIVISION

August 30, 1995

Elena Arellano
Project Engineer II
Mobil Oil Corporation
3700 W. 190th Street, T.P.T. 2
Torrance, CA 90509

Dear Ms. Arellano:

RE: UNAUTHORIZED RELEASE #H05459-002
MOBIL STATION #18-FPL, LOCATED AT:
681 HIGHWAY 75, IMPERIAL BEACH, CA

This letter has been prepared in accordance with the requirements set forth in Title 23 (State Underground Storage Tank Regulations), Division 3, Amendment to Chapter 16, Article 11, Section 2722. The purpose of this letter is to notify the Responsible Party of the status of the Workplan received by the San Diego County Site Assessment and Mitigation Division (SAM) on August 17, 1995.

The Workplan, dated August 14, 1995, and prepared by Alton Geoscience covers one of the following phases of corrective action:

- Preliminary Site Assessment ()
- Soil and Water Investigation (x)
- Corrective Action Plan ()
- Verification Monitoring ()
- Interim Remedial Action ()

The following work is proposed:

- Excavate a total of seven borings
- Collect and analyze soil samples from each boring using EPA methods 8010, 8015 and 8020.

The Workplan has been:

- () approved.
- () disapproved-call the undersigned for further instructions.
- (x) approved with the following changes or conditions:

- 1) In my letter dated April 19, 1994, I requested a workplan for remediation of soil be submitted by May 30, 1994. To date we have not received a plan.

Elena Arellano

-2

August 31, 1995

Please submit a workplan, describing how soil will be cleaned up, by October 30, 1995.

Keep this letter for your records as it may be required for corrective action cost reimbursement under Senate Bill 2004 (California Health and Safety Code, Division 20, Chapter 6.75, Article 6).

The need for further site characterization and mitigation actions will be determined following evaluation of the written report and consultation with the San Diego Regional Water Quality Control Board (RWQCB).

If you have any questions please call me at (619) 338-2244.

Sincerely,



DONN LI PERA, Hazardous Materials Specialist
Site Assessment and Mitigation Division

DL:hb

cc: Rosalind Dimenstein, RWQCB
Ron Kofron, Alton Geoscience

6/13/95

MTG. @ ALTON

MTG. W/ ALTON, MOBIL & SAM

PEOPLE PRESENT :

^{ALTON} RON KOFFON, ^{ALTON} DENO MILANO, ^{ALTON} SAM WILLIAMS,
J.P. GINCHEREAU (MOBIL), KURT FISCHER (MOBIL)
DONN LIPERA (SAM)

1) H10475 GRAND AVE.

HIGH TPH SAMPLES IN SIDEWALKS

WILL PREPARE A WORKPLAN FOR ADDITIONAL DELIN.
EXCAVATION ~~REPORT~~ REPORT W MAIL.

2) H05428 9TH CTR. CITY ESC.

SOME HIGH TRPH SAMPLES IN SIDEWALKS

EXCAVATION REPORT IN MAIL.

THEY WILL PREPARE WORKPLAN FOR ADDITIONAL
DELINEATION.

3) H13505 WARING

POST REMEDIAL MON. WELL TO GO IN
THIS MONTH.

4) H13499 GOV. & REGENTS

WILL CHANGE CONSULTANTS TO REEVALUATE

THEY DON'T FEEL G.W. EVAL. IS WARRANTED

* REQUESTED QTRLY. STATUS REPORT FOR EACH SITE.

5) H12966 - 001 ALTON TO TAKE OVER CASE.

6) H04005 - 001
ALTON TO PREPARE FEASIBILITY STUDY.

7) H05477 - 001
ALTON TO PREPARE FEASIBILITY STUDY.

8) H01535 - 001 DOWAY RD.

9) H12650 MAIN ST.
EXCAVATION DONE - REPORT IS BEING REVIEWED BY DEND - WILL BE SENDING SOON.

10) H13040 3 MAPLES
REPORT OF PROGRESS BORINGS IS BEING PUT TOGETHER AND SUBMITTED.
WILL SUBMIT A FEASIBILITY STUDY ~~WILL~~ AT A LATER DATE.

11) H12928 FXZ

12) H12750 HARBOR DR.
FEASIBILITY STUDY BEING PERFORMED
WILL SUBMIT

13) H19409 GOV. & GEN.
CONDUCTING FEASIBILITY STUDY.

14) H13029 MISSION ETR. RD.
COMPLETED ADDITIONAL ASSESSMENT
PREPARING REPORT.

15) H05426 MISSION AV.
WORKPLAN BEING PREPARED — TO BE
SUBMITTED NEXT WEEK.

~~16) H05459~~ AV 75
WORKPLAN PREPARED TO BE SUBMITTED
IN \approx 1-2 WKS.

17) H14165 3RD. AV. C.V.
WORKPLAN PREPARED — WILL BE SUBMITTED
1-2 WKS.

18) H13294 SEVERIN
DRAFT WP ~~IS~~ PREPARED — WILL BE
SUBMITTED 1-2 WKS.

19) H13122 ROSECRANS
RECENTLY GIVEN BACK TO I.P. FROM
THEIR MONITORING GROUP.

20) H24765 AVOCADO
WORKPLAN FOR ADDITIONAL WORK
TO BE SUBMITTED.

21) H12486 COLLEGE
WORK TO BE PERFORMED FOR APPROVED
WP — WORK TO BE DONE THIS
MONTH.

22) H05473 ENCINITAS
WP TO BE SUBMITTED SOON.

23) H12653 FELICITA
WORKPLAN COMING SOON FOR ADDITIONAL
SOIL CHARAL.

24) H12416 TELEGRAPH CYN.
WORK TO BE DONE FOR APPROVED
WORKPLAN IN JULY.

25) H12743 LA JOLLA
WILL BE SUBMITTING INFO. REQUESTED
IN MY LETTER.

26) H12547 PALOMAR
WORKPLAN BEING ~~PREPARED~~ PREPARED.

27) H12849 MISSION BAY
PREPARED

28) H01577 SAN YSIDRO
WORKPLAN TO BE PREPARED.

29) H12951 LOMAS SANTA FE
WILL PROPOSE POSSIBLE F&T BUT
WILL NEED TO COLLECT ADDITIONAL INFO.

STATE WATER RESOURCES CONTROL BOARD

DIVISION OF CLEAN WATER PROGRAMS
2014 T STREET, SUITE 130
P.O. BOX 944212
SACRAMENTO, CALIFORNIA 94244-2120
(916) 227-4307
(916) 227-4530 FAX

H05459-002
DAL



JAN 5 1995

Ms. Rita Miller
Mobil Oil Corporation
3700 W. 190th St., TPT2
Torrance, CA 90509-2929

UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 005532, FOR SITE ADDRESS: 681 Highway 75,
Imperial Beach, CA 92032

The State Water Resources Control Board (SWRCB) takes pleasure in issuing the attached Letter of Commitment in an amount not to exceed **\$330,000**. This Letter of Commitment is based upon our review of the corrective action costs incurred to date and your application received on January 17, 1992 and may be modified by the SWRCB in writing by an amended Letter of Commitment.

The SWRCB will take steps to withdraw this Letter of Commitment after 90 calendar days from the date of this transmittal letter unless you proceed with due diligence with your cleanup effort. This means that you must take positive, concrete steps to ensure that corrective action is proceeding with all due speed. For example, if you have not started your cleanup effort, you must obtain three bids and sign a contract with one of these bidders within 90 calendar days. If your cleanup effort has already started and was delayed, you must resume the expenditure of funds to ensure that your cleanup is proceeding in an expeditious manner. You are reminded that you must comply with all regulatory agency time schedules and requirements. We constantly review the status of all active claims, and failure to proceed with due diligence will be grounds for withdrawal of this Letter of Commitment.

You should read the terms and conditions listed in the Letter of Commitment. Also attached you will find:

- A "Reimbursement Request Instructions" package. You should retain this package for future reimbursement requests. Among other information, the package includes instructions for completion of the "Reimbursement Request" form and the "Spreadsheet". These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988. Included in these instructions are samples of Reimbursement Request forms and completed Spreadsheets. Within the package also included are:
 - A "Bid Summary Sheet" to document data on bids received.
 - Recommended Minimum Invoice Cost Breakdown.
 - A "Certification of Non-Recovery From Other Sources" which must be returned before any reimbursements can be made.
- "Reimbursement Request" forms which you must use to request reimbursement of costs incurred.
- "Spreadsheet" forms which you must use in conjunction with your Reimbursement Request.
- "Vendor Data Record" (Std. Form 204) which must be completed and returned with your first Reimbursement Request.

If you have any questions regarding the Letter of Commitment or the Reimbursement Request package, please contact Diana Romero at (916) 227-4419.

Sincerely,

A handwritten signature in black ink, appearing to read "Dave Deaner".

Dave Deaner, Manager
Underground Storage Tank
Cleanup Fund Program

Attachments

cc: Mr. Chuck Pryatel
San Diego County EHD
1255 Imperial Avenue
San Diego, CA 92101-5261



Cal/EPA

**State Water
Resources
Control Board**

**Division of
Clean Water
Programs**

Mailing Address:
P.O. Box 944212
Sacramento, CA
94244-2120

2014 T Street,
Suite 130
Sacramento, CA
95814
(916) 227-4307
FAX (916) 227-4530

World Wide Web:
<http://www.swrcb.ca.gov/~cwphome/fundhome.htm>

OCT 21 1996

HC 5459-002
DAL



Pete Wilson
Governor

RECEIVED

OCT 20 1996

**SAN DIEGO REGIONAL WATER
QUALITY CONTROL BOARD**

R.A. (RITA) MILLER
MOBIL OIL CORPORATION
3700 190TH ST W -TPT-2
TORRANCE, CA 90509-2929

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, NOTICE OF PROPOSED WITHDRAWAL OF LETTER OF COMMITMENT AND CLAIM CLOSURE: CLAIM NUMBER 005532; FOR SITE ADDRESS 681 HWY 75, IMPERIAL BEACH

Our letter dated August 7, 1996 requested that you submit a reimbursement request with the supporting documentation or submit a written explanation as to the status of the cleanup and when a reimbursement request could be expected. You were given thirty (30) days from the date of the letter to respond.

This letter is to notify you that the Underground Storage Tank Cleanup Fund (Fund) is proposing to withdraw your LOC and close your claim from the Fund for the following reason:

Your last reimbursement request was received by the Fund on September 28, 1995. If you do not submit a reimbursement request or adequate explanation within 30 calendar days, the Fund will proceed with the closure of your claim.

If you are not in agreement with this decision, you may request a review of the decision by the Manager of the Underground Storage Tank Cleanup Fund Program within thirty (30) days from the date of this letter. Please send any request for review to:

Mr. Dave Deaner, Manager Claim No. 005532
State Water Resources Control Board
Division of Clean Water Programs
P. O. Box 944212
Sacramento, CA 94244-2120

If a request for review of this decision is not received within thirty (30) days from the date of this letter, your LOC will be withdrawn and your claim will be closed. This action will become final and conclusive and you will not be able to request any additional funds.

If you have any questions, please contact Linda Boller at (916) 227-2787.

Sincerely,

Steve Parada, Reimbursements
Underground Storage Tank Cleanup Fund

cc: Mr. John Anderson
California Regional Water Quality
Control Board, San Diego Region
9771 Clairmont Mesa Blvd., Ste B
San Diego, CA 92124

ALP



Recycled Paper

*Our mission is to preserve and enhance the quality of California's water resources and
the proper allocation and efficient use for the present and future generations.*

4/2/96

MTG. w/ TOM KIM (MOBIL), RON KOEPPON
(ALTON), DONN LIPERA (SAM).

H12928-003
VISTA

WELLS INSTALLED TO
MONITOR SOIL REMOVAL
EFFECTIVENESS. WELLS
ALL BASICALLY N.D.
WELLS SAMPLED ONCE —
DELAY DUE TO CONST.
WILL PROPOSE CLOSURE.
REPORT TO BE SUBMITTED
≈ 1 WEEK.

H15044-001
CLAIREMONT DRIVE

ASSESSMENT REPORT TO
BE SUBMITTED SOON.
WORK DONE IN RESPONSE
TO MV LETTER RE:
THE SOIL EXCAVATION REPORT.
WILL REQUEST CLOSURE.

H10475-001
300 W. GRAND

POST REMEDIATION REPORT
OF SOIL & WATER
SAMPLING. THEY WILL
PROPOSE CLOSURE — HOWEVER

4/2/96

H10475 -001 CONT.

CONC. IN G.W. NOTED
IN HP TO EAST -
3000+ PPB BENZENE
WHILE SOIL TPH CONC.
ADJACENT TO THIS
ARE ONLY 600-800
PPM. TOLD THEM
THEY WOULD NEED TO
EXPLAIN WHY HIGH
BENZENE CONC. IN
G.W.

H01535 -001

POWAY

DISCUSSED ORC USE.
DISCUSSED CONCERNS
OF RWQCB AND I
WILL WRITE A LETTER
RESPONDING TO FEAS.
STUDY.

H12486 -002

COLLEGE AVE.

TO BE
WORKPLAN SUBMITTED ~~BY~~
~~ME TODAY~~. PROPOSING
ADDITIONAL WELLS.

9/2/96

H12538-001
BROADWAY

THEY WILL SUBMIT A
WRITTEN JUSTIFICATION
WHY ADDITIONAL SOIL
AND WATER SAMPLING
NOT REQUIRED.

H05459-002
IMPERIAL BEACH

PROPOSING CLOSURE BASED
ON MOST RECENT WORK
TO BE SUBMITTED
BY END OF APRIL.

H14165-002
CHULA VISTA

WORK PLAN TO BE
SUBMITTED FOR VGS/
BIOWEST FGAS. TESTING.

H05426-001
W. MISSION, ESC.

PROPOSING TO INSTALL
ADDITIONAL WELLS
DOWNGRADEPT
WORKPLAN TO BE
SUBMITTED. ALSO
SITE ASSESSMENT
REPORT TO BE
SUBMITTED.



County of San Diego

DANIEL J. AVERA
DIRECTOR

LARRY T. AKER
ASSISTANT DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 85261, SAN DIEGO, CA 92186-5261
(619) 338-2222 FAX (619) 338-2377

SITE ASSESSMENT AND MITIGATION DIVISION

May 2, 1997

Hany Fangary
Project Engineer II
Mobil Oil Corporation
3700 W. 190 th Street
T.P.T. 2
Torrance, CA 90509

Dear Mr. Fangary:

UNAUTHORIZED RELEASE #H05459-002
MOBIL STATION #18-FPL, LOCATED AT:
681 HIGHWAY 75, IMPERIAL BEACH, CA

This letter is to inform you that I have reviewed the information your consultant Alton Geoscience sent me and dated April 11, 1997. The information included maps showing all known utilities; manifests for soil and water disposal; and MTBE lab data.

The utility maps are sufficient. However, the manifests provided are not adequate, and the MTBE analysis is insufficient.

The manifests provided are largely unreadable. Additionally, the disposal documentation for soil and groundwater does not appear complete. Please provide all manifests and disposal records for soil and groundwater (legible copies) and a table summarizing all soil and groundwater disposal events.

The lab was unable to provide quantitative data for MTBE, therefore the wells must be sampled and analyzed for MTBE using EPA Method 8020, 8240, or 8260.

The information requested above must be submitted before we can consider this case for closure.

If you have any questions please call me at (619) 338-2244.

Sincerely,

DONN LI PERA, Hazardous Materials Specialist
Hazardous Materials Management Division

DLP:ac

cc: Ron Kofron, Alton Geoscience

"Prevention Comes First"

WP/H05459-2

5/28/91
TELECON BY RON
KOF RON. THEY
WILL SAMPLE ONLY
THOSE WELLS THAT
QUAL. SHOWED MTBE
WAS PRESENT.

NS

4/21/97

MTBE. w/ KEVIN.

1) REQUEST SOIL &
GW SUMMARY

2) ANALYZE WELLS
w/ HTTS OF MTBE

WRITE LETTER

DISCUSS w/

KEVIN.

NEED READABLE MAN.

W
S

MTBE ANALYSIS

1/28/97

TELCON w/ HANY FANZARY.

REQUESTED :

- SOIL & GW DISPOSAL DOCUMENT.
- MTBE DATA
- UTILITIES / WATER LINE LOCATIONS

1/23/97
TELECON W/ TOM KIM. REQUESTED
UTILITY LOCATIONS, AND WATER
SERVICE CONNECTIONS. OKAY

1/23/97
TOM KIM SAID MOBIL OWNS
SITE.

JK

1/22/97
MTG. W/ KEVIN.
WE AGREED CAP MAY NOT
BE NEEDED.

REQUEST UTILITY LOCATIONS
AND WATER SERVICE CONNECTIONS.
CHECK EARLIER REPORTS.

WRITE CLOSURE SUMMARY - IF
LOOKS OKAY - DISCUSS W/ RW/CB.

JK



file

PERMIT # W97723
A.P.N. # 626-250-12
EST # H05459

**COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
SITE ASSESSMENT AND MITIGATION DIVISION**

MONITORING WELL AND BORING CONSTRUCTION AND DESTRUCTION PERMIT

SITE NAME: MOBIL OIL STATION #18 - FPL

SITE ADDRESS: 685 HIGHWAY 75, IMPERIAL BEACH, CA 91932

PERMIT FOR: DESTROY 16 GROUNDWATER MONITORING WELLS

PERMIT APPROVAL DATE: SEPTEMBER 1, 1998

PERMIT EXPIRES ON: DECEMBER 30, 1998

PERMIT CONDITIONS:

1. All wells must be destroyed in accordance with Department of Water Resources Bulletin 74-81 and 74-90.
2. All wash water must be contained and disposed of properly.
3. Provide documentation of well destruction. This should include:
 - a) A description of the method of destruction,
 - b) A description of the type of sealing materials and quantity used and
 - c) The date the work was started and the date the work was completed.
4. All water and soil that is placed in drums must be labeled and stored as specified in the SAM Manual in:

Section 1, Page 12, 5.
5. This office must be given 48 hour notice of any drilling activity on this site. Please contact Marisue Crystal at (619)338-2339.
6. This office must be given advanced notification of drilling cancellation. Please contact Marisue Crystal at (619)338-2339.

NOTE: This permit does not constitute approval of a workplan as defined in Section 2722 of Article 11 of C.C.R., Title 23. Workplans are required for all unauthorized release investigations in San Diego County.

APPROVED BY: *[Signature]*

DATE: 9/1/98

Notified: 9/2/98 Msc

1/22/98

DISCUSS W/ KEVIN

NEED MANIFESTS
& SUMMARY TABLE.

1/22/98

LEFT MESSAGE
FOR HANY TO
SEND DISPOSAL
INFO.

[Signature]

1/26/98

MTG. W/ KEVIN
WRITE CLOSURE
SUMMARY.

3/4/98

LEFT MESSAGE
FOR HANY TO
CALL ME RE:
MANIFESTS.

[Signature]

3/23/98

TELECON W/ RON
ROFFON. HE SAID
HE HAS THE MANIFESTS
AND TABLES FOR
SOIL & GW DISPOSAL.
HE WILL SEND ASAP.
TODAY IF POSSIBLE.

[Signature]

Mobil Oil Corporation

"HMMU"

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

October 12, 1989 10 2 00 PM '89

Donn LiPera
San Diego County
Environmental Health Svcs.
1700 Pacific Highway
San Diego, CA 92101

RE: UNAUTHORIZED RELEASE
MOBIL S/S 18-FPL
681 ST. HWY. 75
IMPERIAL BEACH, CA

Dear Mr. Li Pera:

The attached Unauthorized Release Report is being submitted as required by California state law regarding underground storage tanks.

During removal of the underground storage tanks for a rebuild project, contamination was discovered in the product and waste oil tank cavities. A consultant has been retained to complete a site assessment. Upon completion, a report will be submitted to your office.

Should you have any questions or need additional information, you may contact David Noe of this office at (818) 953-2519.

Sincerely,



R. A. Miller
Environmental Adm. Ass't.

RAM:st
Attachment
(A:RM1012-5)

cc: Dave Barker
San Diego RWQCB
9771 Claremont Mesa
Suite B
San Diego, CA 92124-1331

cc: State Water Resources
Control Board
Div. of Water Quality
Underground Tank Program
P.O. Box 100
Sacramento, CA 95801

Toxic Substance Control
Division
Underground Tank Program
714/744 "P" Street
Sacramento, CA 95814

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.
REPORT DATE 0 <u>9</u> M <u>1</u> D <u>4</u> D <u>8</u> Y <u>9</u> Y	CASE # 1392/H05459	SIGNED _____ DATE _____

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT R. A. Miller	PHONE (818) 953-2599	SIGNATURE <i>Rita C. Miller</i>
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER _____	COMPANY OR AGENCY NAME Mobil Oil Corporation	
	ADDRESS 3800 W. Alameda, Suite 700 <small>STREET</small> Burbank <small>CITY</small> CA <small>STATE</small> 91505 <small>ZIP</small>		

RESPONSIBLE PARTY	NAME Mobil Oil Corporation <input type="checkbox"/> UNKNOWN	CONTACT PERSON G. A. Stumpf	PHONE (818) 953-2517
	ADDRESS 3800 W. Alameda, Suite 700 <small>STREET</small> Burbank <small>CITY</small> CA <small>STATE</small> 91505 <small>ZIP</small>		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) Mobil Service Station #18-FPL	OPERATOR ABELARDO RAMIREZ	PHONE (619) 424-3366
	ADDRESS 681 St. Hwy. 75 <small>STREET</small> Imperial Beach <small>CITY</small> San Diego <small>COUNTY</small> 92032 <small>ZIP</small>		
	CROSS STREET Palm	TYPE OF AREA <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER _____	TYPE OF BUSINESS <input checked="" type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input type="checkbox"/> OTHER _____

IMPLEMENTING AGENCIES	LOCAL AGENCY San Diego Co. Dept. of Health Svcs.	AGENCY NAME	CONTACT PERSON Don Lipera	PHONE (619) 236-2222
	REGIONAL BOARD San Diego RWQCB		CONTACT PERSON Jim Munch	PHONE (619) 265-5114

SUBSTANCES INVOLVED	(1) NAME 800661-9 Gasoline (Tank Cavity)	QUANTITY LOST (GALLONS) _____ <input type="checkbox"/> UNKNOWN
	(2) NAME ORM-E Waste Oil (Tank Cavity)	QUANTITY LOST (GALLONS) _____ <input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 0 <u>3</u> M <u>1</u> D <u>5</u> D <u>8</u> Y <u>9</u> Y	HOW DISCOVERED <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input checked="" type="checkbox"/> OTHER <u>Soil Boring - Rebuild Proj.</u>		
	DATE DISCHARGE BEGAN ____ M ____ D ____ Y <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER _____		
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, DATE 0 <u>3</u> M <u>1</u> D <u>5</u> D <u>8</u> Y <u>9</u> Y			

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN	TANKS ONLY/CAPACITY 6-8-10M/1M GAL	MATERIAL <input checked="" type="checkbox"/> FIBERGLASS	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE
	<input type="checkbox"/> PIPING LEAK	AGE <u>3</u> <u>5</u> YRS	<input type="checkbox"/> STEEL	<input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN
	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> UNKNOWN	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> SPILL <input type="checkbox"/> OTHER _____

CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES
----------------	--

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)			
	<input type="checkbox"/> CAP SITE (CD)	<input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED)	<input type="checkbox"/> REMOVE FREE PRODUCT (FP)	<input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)
	<input type="checkbox"/> CONTAINMENT BARRIER (CB)	<input checked="" type="checkbox"/> EXCAVATE & TREAT (ET)	<input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT)	<input type="checkbox"/> REPLACE SUPPLY (RS)
	<input type="checkbox"/> TREATMENT AT HOOKUP (HL)	<input type="checkbox"/> NO ACTION REQUIRED (NA)	<input type="checkbox"/> OTHER (OT) _____	

COMMENTS	
----------	--

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety Code Section 25180.7, a designated government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility and surrounding area. At a minimum, you must provide the facility name and full address...

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Provide details on tank age, capacity and material if known. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION

Indicate which actions have been used to cleanup or remediate the leak. Descriptions of options follow:

- Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.
- Containment Barrier - install vertical dike to block horizontal movement of contaminant.
- Excavate and Dispose - remove contaminated soil and dispose in approved site.
- Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).
- Remove Free Product - remove floating product from water table.
- Pump and Treat Groundwater - generally employed to remove dissolved contaminants.
- Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.
- Replace Supply - provide alternative water supply to affected parties.
- Treatment at Hookup - install water treatment devices at each dwelling or other place of use.
- No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies in tact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Water Quality, Underground Tank Program, P. O. Box 100, Sacramento, CA 95801
3. Regional Water Quality Control Board
4. County Board of Supervisors or designee to receive Proposition 65 notifications.
5. Owner/responsible party.

H05459 002

Mobil Oil Corporation

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

May 8, 1989

Mr. Donn Lipera
San Diego County
Department of Health Services
Post Office Box 85621
San Diego, California 92138

MOBIL OIL CORPORATION
S/S #18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA

Dear Mr. Lipera:

Enclosed for your review and comments is the Preliminary Site Assessment Report dated April 13, 1989 for the subject location.

The site is located within a beneficial groundwater area. Based on this, water samples from OMW-1, OMW-2 and OMW-3, and soil samples from the area of OMW-2, apparently exceed criteria for a beneficial use area. We propose to install more wells further define the extent of contamination.

If required, a work plan will be submitted. If not we will begin work with you approval.

If you have any questions, please contact me at (818) 953-2519.

Sincerely,



D. M. Noe, P.E.
Environmental Advisor

DMN:ars
enclosure
26960

cc: Jim Munch
Regional Water Quality Control Board
9771 Clairemont Mesa Blvd., #B
San Diego, CA. 92124

MAY 10 1 46 PM '89
DMM

* TANKS LAST PRECISION TESTED IN 1986.
WASTE OIL TANK REPLACED AS IT FAILED
PRECISION TEST. NO DOCUMENTATION THAT THE
OTHER TANKS WERE REPLACED.

PRELIMINARY ENVIRONMENTAL
ASSESSMENT SITE
MOBIL SERVICE STATION/SS#18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA

ENVIRONMENTAL AFFAIRS
OPERATIONS DEPARTMENT

MAY 3 1989

PRELIMINARY ENVIRONMENTAL
SITE ASSESSMENT
MOBIL SERVICE STATION/SS#18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA

Prepared For
Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, California 92056-2196

April 13, 1989
Project No. 594.19.2



OWEN CONSULTANTS

ENGINEERS, GEOLOGISTS AND
ENVIRONMENTAL SCIENTISTS
10065 OLD GROVE ROAD
SAN DIEGO, CA 92131
TELE: (619) 695-3150
FAX: (619) 695-3153

April 13, 1989
Project No. 594.19.2

Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, California 92056-2196

Attention: Mr. Chuck Smith

Subject: PRELIMINARY ENVIRONMENTAL SITE ASSESSMENT
MOBIL SERVICE STATION/SS#18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA

Dear Mr. Smith:

In accordance with your request, we have completed our preliminary Environmental Site Assessment at the subject site. As part of our work, we performed the drilling of four exploratory borings, the installation of groundwater monitoring wells within the borings, and sampled soil and water associated with the wells.

This report contains a summary of our field activities, the laboratory results, and a discussion of our observations and findings.

Mobil Oil Corporation
April 13, 1989
Project No. 594.19.2
Page 2

This opportunity to be of service is appreciated. If you have any questions, please do not hesitate to call Mr. David L. Richter, who prepared this report.

Very truly yours,

OWEN CONSULTANTS



ERIC C. DRUMMOND
Project Geologist



ERNEST R. ARTIM
Vice President
CEG 1084
Expiration 6-30-90



DLR/ERA:ms

Attachments

Copies: (2) Addressee

- (1) Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, California 92056-2196
Attention: Mr. Jesse Kirk



April 13, 1989
Project No. 594.19.2

PRELIMINARY ENVIRONMENTAL SITE ASSESSMENT
MOBIL SERVICE STATION/SS#18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA

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- Figure 1: Site Location Map
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- Figure 7: Boring Log, OMW-4
- Figure 8: General Monitoring Well Design

Appendices:

- Appendix A: Laboratory Report
- Appendix B: Chain of Custody

April 13, 1989
Project No. 594.19.2

PRELIMINARY ENVIRONMENTAL SITE ASSESSMENT
MOBIL SERVICE STATION/SS#18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA

INTRODUCTION

The purpose of this investigation was to assess the soil and groundwater at the site with respect to hydrocarbon constituents. The investigation included the drilling of four test borings to depths of 31 feet each. The unsaturated soils above the groundwater table were sampled at 5 foot intervals. The borings were developed as groundwater monitoring wells. Water samples were obtained from each well. All samples were analyzed for hydrocarbon constituents by a State certified laboratory. Presented in this report is a description of the field work, sampling procedures, and a discussion of data and observations.

The subject site is located at 681 Highway 75 in the City of Imperial Beach. The site is bounded by Palm Avenue to the south, Highway 75 to the north, Seventh Street to the east, and a mobile home park to the west (see Figure 1, Site Location Map).

The site currently consists of an operating Mobil Service Station. The station building occupies the west-central area of the site. Two covered gasoline dispensing islands are situated between the service building and Highway 75. One covered dispensing island is situated between the service building and Palm Avenue. Approximately three years ago, the underground storage tanks in the central portion of the site were replaced, and the waste oil tank relocated near the south of the service building. The majority of the site is paved with asphaltic concrete, with the exception of the dispensing island areas and underground tank caps which are surfaced with concrete. The general site layout is depicted by Figure 2, Plot Plan.

Overall, regional topography slopes gently to the west. Surface drainage at the site is generally directed to the southwest and discharges on Palm Avenue.

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The Pacific Ocean lies approximately 1 mile to the west. The southern portion of the San Diego Bay, consisting of diked salt evaporative tidal flats and the channelized terminus of the Otay River lies approximately 1/2 mile to the north. The wetlands of the Tijuana River Deltaic coastal plain lie approximately 1 mile to the south.

BACKGROUND

It is our understanding that the underground storage tanks at the site were replaced three years ago.

WHERE IS
THIS DATA?

On August 29, 1988 our office performed a subsurface geotechnical investigation at the site. Our subsurface exploration consisted of drilling three exploratory borings to depths of 19.5 feet. The borings were continuously logged by a representative of our firm who obtained soil samples for geotechnical and limited chemical laboratory analysis.

The results of the limited chemical laboratory analyses indicated that relatively high hydrocarbon concentrations existed in the area to the northeast of the existing underground fuel tanks. Boring B-2 in this area displayed a maximum of 2300 parts per million (ppm) of total recoverable petroleum hydrocarbons (grease and oil) at a depth of 16 feet, and a maximum of 2000 ppm of total petroleum hydrocarbons (gasoline) at the same depth (see references).

GEOLOGY

The subject site is located on a relatively flat-lying Pleistocene terrace at an approximate elevation of 20 feet above mean sea level. The site is underlain by fill/alluvial soils and Pleistocene marine and non-marine deposits of the Bay Point Formation and associated unnamed, near-shore, marine sandstone. The fill/alluvial soils encountered in this investigation consisted generally of silty sand, silty clays, and sandy clays. Formational soils encountered consisted of silty sands to coarse gravelly sands (see Figures 4 through 7)

HYDROGEOLOGY

Groundwater was encountered within our borings/wells at approximately 22 feet below ground surface (see Figures 4 through 7, Boring Logs). Overall groundwater gradient at

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the site was measured to be approximately 0.0087 with a down-gradient direction generally to the southeast (see Figure 3, Groundwater Elevation Plan). No groundwater wells are known to exist within 0.25 mile of the site.

10.20
According to publications by the California Regional Water Quality Control Board, the subject site is within the Otay Subunit of the Otay Hydrographic Unit. The groundwater of the Otay Subunit is currently categorized as having existing beneficial uses for municipal, agricultural, and industrial purposes and potential beneficial use for groundwater reclamation. However, water quality does not currently meet the criteria for municipal and agricultural use.

TEST BORINGS

On March 15, 1989, four test borings were drilled at the site in order to sample soils and for the installation of groundwater monitoring wells in locations relative to overall site conditions (see Figure 2, Plot Plan).

All borings were drilled to a depth of approximately 31 feet below the ground surface. Soil samples were obtained at 5 foot intervals to the depth at which saturation was encountered. For the purposes of soil sampling, all borings were drilled using 8-inch diameter continuous flight, hollow-stem auger equipment. Drilling was performed under the supervision of an Owen Consultants geologist. The geologist performed visual logging of the materials encountered in each boring (see Figures 4 through 7, Boring Logs).

Soil samples were obtained using a Modified Porter Sampler with brass sampling tubes. The relatively undisturbed soil samples were sealed in the brass tubes with teflon-lined plastic lids, labeled, and immediately refrigerated.

All augers and down-hole drilling equipment were steam cleaned between borings to minimize cross-contamination between borings. The soil sampler was washed using trisodiumphosphate with two potable water rinses between sampling events to minimize cross-contamination of the soil samples.

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GROUNDWATER MONITORING WELLS

In order to sample the groundwater which was encountered within the test borings, groundwater monitoring wells were installed within each boring. Following the completion of each boring with 8-inch diameter augers, the borings were enlarged by advancing 10 inch diameter hollow-stem augers into the open holes. The well construction materials were placed within the hollow auger stem as the augers were removed from the ground.

Monitoring wells were constructed of 2 inch diameter flush-threaded, Schedule 40 PVC well casing. The screened sections were constructed of 2-inch diameter Schedule 40 PVC, factory slotted to .020 inch width. The bottom of the well casing contained a threaded cap. The well casing was factory washed and packaged prior to installation on-site.

The filter pack material consisted of No. 3 screened silica sand. The filter pack extended from a minimum of 1 foot above the screened interval to the total depth of the well. A 3 foot thick bentonite seal was placed above the filter pack. The bentonite seal consisted of 8-20 mesh, granular bentonite hydrated with potable water at an approximate ratio of one gallon of water per 2 pounds of bentonite. The remaining annular space was filled with a grout consisting of a mixture of portland cement, clean sand, powdered bentonite, and water. The wells were fitted with water resistant traffic rated steel protective covers. Specific information about each well is presented on the boring logs (see Figures 4 through 7). A general diagram of the monitoring well design is presented in Figure 8.

The monitoring wells were developed by agitation and bailing out of approximately ten well volumes of groundwater utilizing a hand bailer. Water removed from the monitoring wells during development was placed in 55 gallon 17-H DOT drums which were labeled and left on-site. Prior to and after well development and stabilization, the wells were checked for free product and depth to groundwater with an electronic interface and paste gauging techniques. No free product was detected in the wells.

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Water samples were obtained using a clean hand bailer. Three water samples were obtained from each well and packaged with no visible headspace in 40 milliliter glass vials with teflon septums, labeled, and immediately refrigerated.

RESULTS OF LABORATORY ANALYSES

The results of the laboratory analyses are presented in Table I on the following page. The complete analytical reports by Amtech Laboratories are presented in Appendix A. Selected soil and water samples were analyzed for total petroleum hydrocarbons (TPH) by the DHS Method, for benzene, toluene, xylene, and ethylbenzene (BTXE) by EPA Method 8020 and 602, for organic lead by the DHS/LUFT Method (soil) and for total lead by EPA Methods 3010 and 6010 (water).

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TABLE I

SUMMARY OF LABORATORY ANALYSES OF SOIL AND WATER
 SAMPLES OBTAINED FROM MONITORING WELLS OMW-1, 2, 3 AND 4
 (Results in Parts Per Million - ppm)

Soil Sample

<u>SAMPLE</u>	<u>DEPTH (ft.)</u>	<u>TPH</u>	<u>BENZENE</u>	<u>TOLUENE</u>	<u>TOTAL XYLENES</u>	<u>ETHYL- BENZENE</u>	<u>ORGANIC LEAD</u>
<u>OMW-1</u>							
S-5	5	---	---	---	---	---	---
S-10	10	ND*	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	ND*	---	---	---	---	---
<u>OMW-2</u>							
S-5	5	---	---	---	---	---	---
S-10	10	81	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	680	0.220	0.960	18.000	3.000	ND**
<u>OMW-3</u>							
S-5	5	---	---	---	---	---	---
S-10	10	ND*	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	ND*	---	---	---	---	---
<u>OMW-4</u>							
S-5	5	---	---	---	---	---	---
S-10	10	ND*	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	ND*	---	---	---	---	---

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TABLE I (Continued)

<u>Water Sample</u>							
<u>SAMPLE</u>	<u>DEPTH (ft.)</u>	<u>TPH</u>	<u>BENZENE</u>	<u>TOLUENE</u>	<u>TOTAL XYLENES</u>	<u>ETHYL-BENZENE</u>	<u>TOTAL LEAD</u>
<u>OMW-1</u>							
W-1A	---	46.0	---	---	---	---	---
W-1B	---	---	0.002	ND***	ND***	0.014	---
W-1C	---	---	---	---	---	---	0.170
170.0							
<u>OMW-2</u>							
W-1A	---	27.0	---	---	---	---	---
W-1B	---	---	0.930	2.600	3.700	3.300	---
W-1C	---	---	---	---	---	---	0.110
110.0							
<u>OMW-3</u>							
W-1A	---	16.0	---	---	---	---	---
W-1B	---	---	0.460	0.930	1.400	0.770	---
W-1C	---	---	---	---	---	---	0.580
580.0							
<u>OMW-4</u>							
W-1A	---	ND*	---	---	---	---	---
W-1B	---	---	ND***	0.0027	0.0012	0.0045	---
W-1C	---	---	---	---	---	---	0.360
360.0							

ND* = Less than 1.0 ppm

ND** = Less than 0.6 ppm

ND*** = Less than 0.0002 ppm

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DISCUSSION AND CONCLUSIONS

The results of the laboratory analyses of the soil samples generally indicate non-detectable levels of total petroleum hydrocarbons (TPH) as gasoline in all borings except OMW-2. TPH concentrations ranged from 81 ppm at 10 feet to 680 ppm at 20 feet. The benzene concentration within the 20 foot sample was 0.220 ppm.

The results of the laboratory analyses of the water samples indicated TPH concentrations ranging from non-detectable levels in OMW-4 to 46.0 ppm in OWM-1. Benzene concentrations within the water samples were 0.002 ppm in OMW-1, 0.930 ppm in OMW-2, 0.460 ppm in OMW-3, and non-detectable in OMW-4.

In general, the requirements for soil remediation of gasoline hydrocarbons for a site located within a beneficial groundwater use hydrographic unit are 100 parts per million TPH. This level is exceeded by the soil sample obtained from OMW-2 at a depth of 20 feet.

The general requirements for remediation of hydrocarbon constituents in water within a beneficial groundwater use hydrographic unit are given by the California Primary Drinking Water Standards. The new standards, which took effect on February 25, 1989, indicate that remediation may be required if groundwater contains concentrations of benzene greater than 0.001 ppm, total xylenes greater than 1.750 ppm and ethylbenzene greater than 0.680 ppm. These standards, or portions thereof, appear to have been exceeded at the subject site by water samples obtained from OMW-1, OMW-2, and OMW-3.

LIMITATIONS

The interpretations and conclusions presented in this report are based on:

1. The location of the samples obtained;
2. The observations of our personnel during field activities;
3. The results of laboratory tests performed by Amtech Laboratories of San Diego, California.



Mobil Oil Corporation
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It is possible that variations in the soil conditions could exist beyond the points explored in this investigation. Also, changes in conditions encountered could occur at some time in the future due to variations in temperature, regional rainfall, and other factors.

The services performed by Owen Consultants have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the Southern California area. No warranty, expressed or implied is made.

APPENDIX A

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April 13, 1989
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APPENDIX A

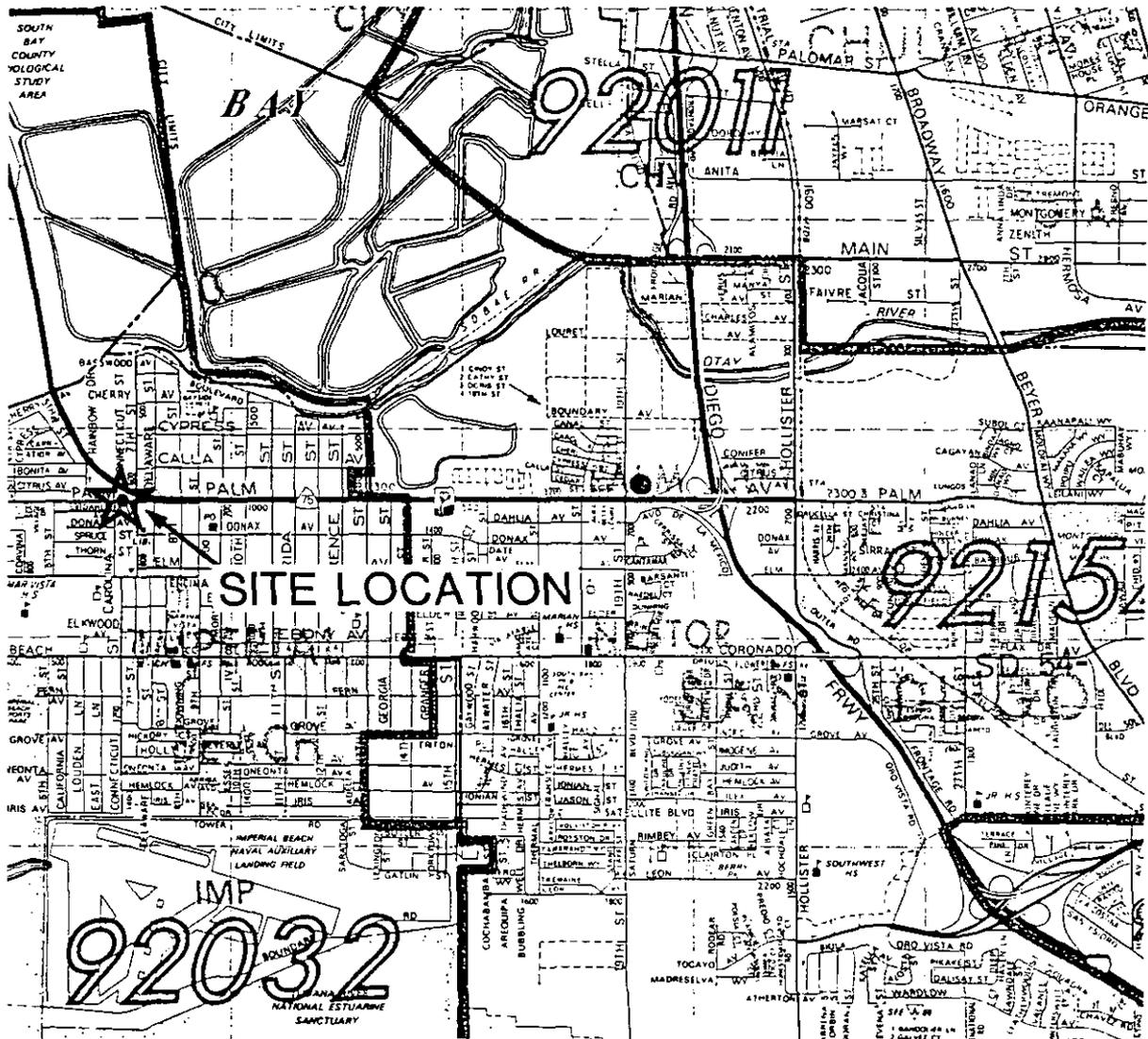
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7. "Geologic Investigations of the Coastal Plain, San Diego Association of Geologist," edited by Abbott L. Patrick O'Dunn Shannon, April 1981.
8. "Comprehensive Water Quality Control Plan for the San Deigo Basin 1975 Abstract," by the State Water Resources Control Board and the California Water Quality Control Board, San Diego Region, dated July 1975.

Mobil Oil Corporation
April 13, 1989
Project No. 594.19.2
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10. "Geology of the San Diego Metropolitan Area, California. Bulletin 200," California Division of Mines and Geology, Sacramento, California, 1975.
11. "California Department of Water Resources Bulletin No. 106-2, 1966, San Diego, California.
12. Personal Communication: Mr. Phil McCleas, California Regional Water Quality Control, San Diego Region (9), 9771 Costa Mesa Boulevard, San Diego, California 92124, (619) 265-5114.



SITE LOCATION MAP - MOBIL/PALM AVENUE

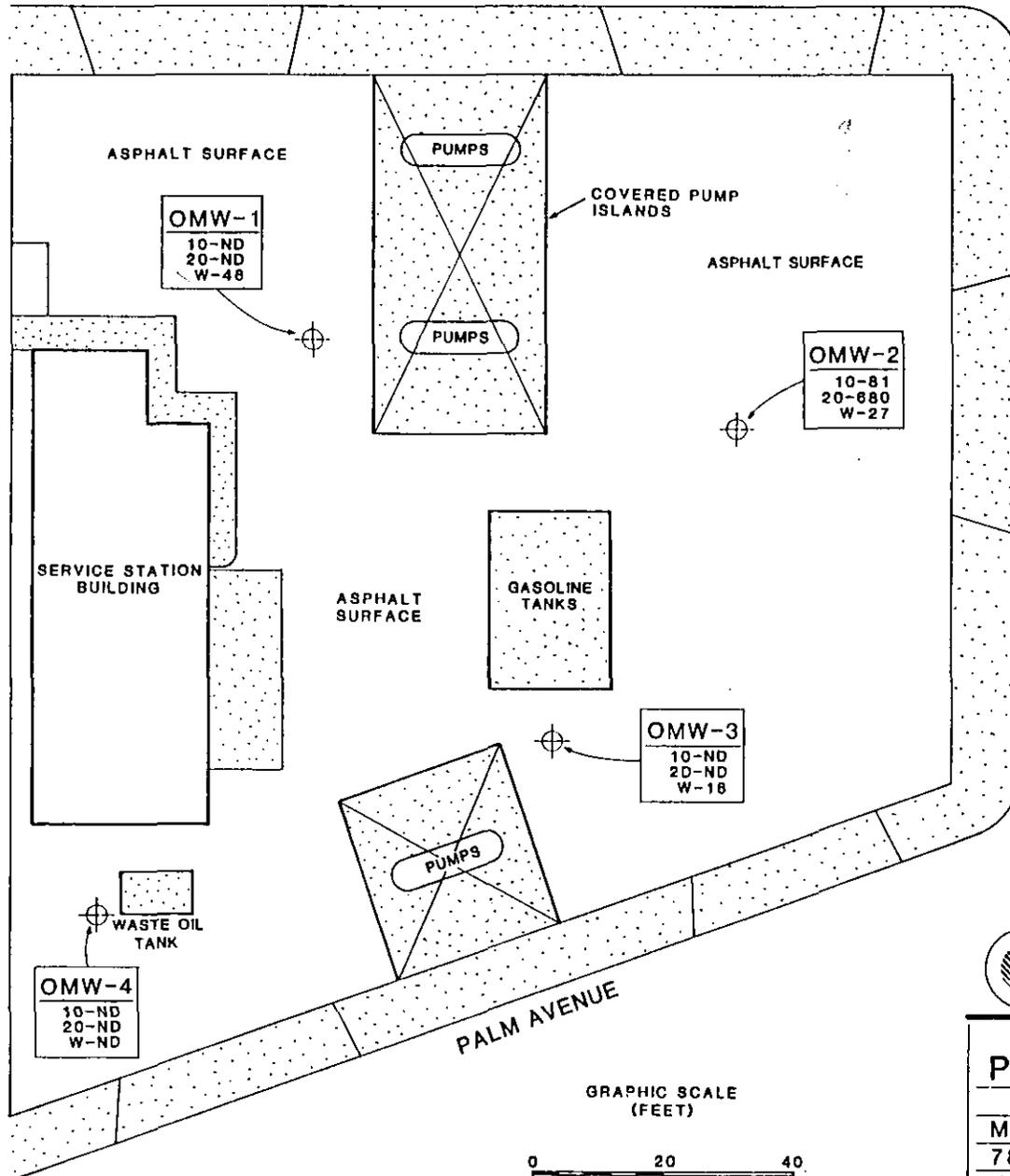


OWEN CONSULTANTS

PROJECT NO. 594.19.2

FIGURE NO. 1

HIGHWAY 75



7TH STREET



LEGEND

WELL LOCATION

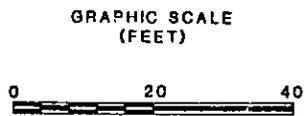
WELL I.D. AND TPH CONCENTRATIONS WITH DEPTH (W=WATER)

SIZE AND LOCATIONS APPROXIMATE



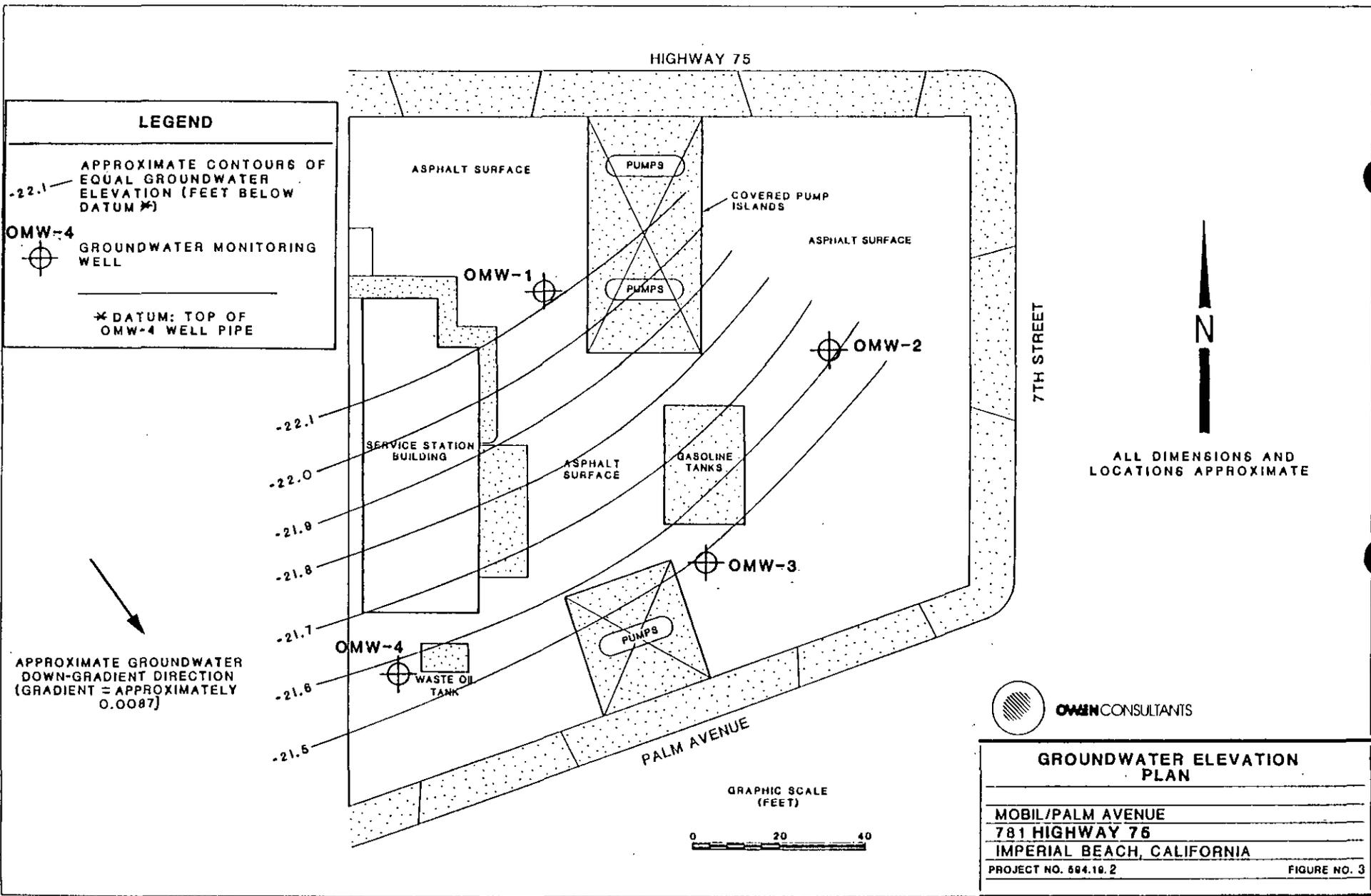
PLOT PLAN

MOBIL/PALM AVENUE
781 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA



PROJECT NO. 594.18.2

FIGURE NO. 2



LEGEND

-22.1 — APPROXIMATE CONTOURS OF EQUAL GROUNDWATER ELEVATION (FEET BELOW DATUM *)

OMW-4  GROUNDWATER MONITORING WELL

* DATUM: TOP OF OMW-4 WELL PIPE

APPROXIMATE GROUNDWATER DOWN-GRADIENT DIRECTION (GRADIENT = APPROXIMATELY 0.0087)

7TH STREET



ALL DIMENSIONS AND LOCATIONS APPROXIMATE



GROUNDWATER ELEVATION PLAN	
MOBIL/PALM AVENUE	
781 HIGHWAY 76	
IMPERIAL BEACH, CALIFORNIA	
PROJECT NO. 584.19.2	FIGURE NO. 3

DRILLING COMPANY: DATUM EXPLORATION

RIG: MOBILE B-6

DATE: 3-15-89

BORING DIAMETER: 8 INCHES
10 INCHES

DRIVE WEIGHT (S): 140 LBS

DROP: 30 INCHES

ELEVATION: ± 0.60' (rel)

DEPTH (FEET)	BAG SAMPLE	DRIVE SAMPLE	BLOWS/FOOT	CHEM. ANALYSIS		LITHOGRAPHIC CLASS.	SOIL CLASS. (U.S.C.S.)	TEST BORING NO. OMW-1	
				LAB.	FIELD			SOIL DESCRIPTION	WELL CONSTRUCTION
				TPH (ppm)	PID				
0							SM	3 inch asphalt over 6 inch base	Cover Const. Cement Slurry
5		X	37 (11")	--	1.5		LL	FILL/ALLUVIUM: medium- to dark-reddish-brown, very fine silty sand, moist Medium-brown to medium reddish-brown silt, sandy clay, moist	2" diameter Sch. 40 PVC Bent and Water Seal
10		X	39 (6")	ND*	1.7		SM	BAY POINT FORMATION/MARINE DEPOSITS: medium reddish-brown, slightly silty fine sand, slightly moist	#3 Screened Sand Filter Pack
15		X	75	--	1.6			@ 15.0 ft. dark-brown and gray-brown fine silty sand, moist, moderately cemented with thick white leachate deposits	0.02" Slotted Pipe
20		X	35	ND*	1.9		SW	medium-grayish-brown, medium- to fine-grained sand, wet, moderately micaceous	
25							SP	gray coarse-grained sand, saturated, moderately micaceous	
30								@ 30.0 ft. Driller reports gravel layer	Threaded Sediment Cap
35								Total Depth: 31.0 ft. Well Constructed 3-15-89 Stabilized Groundwater @ 22.75 ft. on 4-4-89 Well Developed Approximately 10 Volumes By Hand Bailing	

Hole Hand Augered to 5.0 ft.

ND* = Not Detected

TEST BORING LOG

PROJECT NO. 594.19.2

MOBIL/PALM

FIGURE NO. 4



OWEN CONSULTANTS

DEPTH (FEET)	BAG SAMPLE	DRIVE SAMPLE	BLOWS/FOOT	CHEM. ANALYSIS		LITHOGRAPHIC CLASS.	SOIL CLASS. (U.S.C.S.)	TEST BORING NO. OMW-2	
				LAB.	FIELD			SOIL DESCRIPTION	WELL CONSTRUCTION
				TPH (ppm)	PID				
0							CL	3 inches asphalt over 6 inches base FILL/ALLUVIUM: medium reddish-brown silty clay, moist	Cover Const. Cement Slurry 2" diameter Sch. 40 PVC Bent and Water Seal
5		X	13		969		ML	Medium reddish-brown clayey silt, very moist	#3 Screened Sand Filter Pack 0.02" Slotted Pipe Threaded Sediment Cap
10		X	48	81	367		SM	BAY POINT FORMATION/MARINE DEPOSITS: reddish- and grayish-brown silty fine sand, moist, trace mica	
15		X	54		147				
20		X	37	680	1000		SW	Gray medium-grained sand, wet, micaceous @ 21.0 ft. rig behavior indicates thin gravel layer	
30							SP	Coarse gravelly sand, saturated, grave to 1.5 inch recovered	
35	Total Depth: 31.0 ft. Well Constructed 3-15-89 Stabilized Groundwater @ 22.34 ft. on 4-4-89 Well Developed Approximately 10 Volumes By Hand Bailing								

Hole Hand Augered to 5.0 ft.

TEST BORING LOG

PROJECT NO. 594.19.2

MOBIL/PALM

FIGURE NO. 5



OWEN CONSULTANTS

DRILLING COMPANY: DATUM EXPLORATION

RIG: MOBILE B-

DATE: 3-15-89

BORING DIAMETER: 8 INCHES
10 INCHES

DRIVE WEIGHT (S): 140 LBS

DROP: 30 INCHES

ELEVATION: 0.07 ft. (rel.)

DEPTH (FEET)	BAG SAMPLE	DRIVE SAMPLE	BLOWS/FOOT	CHEM. ANALYSIS		LITHOGRAPHIC CLASS.	SOIL CLASS. (U.S.C.S.)	TEST BORING NO. OMW-3	
				LAB.	FIELD			SOIL DESCRIPTION	WELL CONSTRUCTION
				TPH (ppm)	PID				
0								24 inches asphalt	Cover Const.
5		X	13	--	25.4		SW/SC	FILL/ALLUVIUM: light-brown, fine- to medium-grained sand and dark-brown clayey sand, moist	Cement Slurry 2" diameter Sch. 40 PVC Bent and Water Seal
10		X	20	ND*	18.5		ML	Dark reddish-brown clayey silt, very moist	#3 Screened Sand Filter Pack
15		X	38 (6")	--	27.4		SM	BAY POINT FORMATION/MARINE DEPOSITS: medium- to dark-brown silty fine sand, very moist, occasional light-brown and reddish-brown pockets, trace mica	
20		X	38	ND*	26.7			@ 20.0 ft. dark-gray, fine- to medium-grained sand, wet, micaceous	0.02" Slotted Pipe
25									
30									Threaded Sediment Cap
35								Total Depth: 31.0 ft. Well Constructed 3-15-89 Stabilized Groundwater @ 21.61 ft. on 4-4-89 Well Developed Approximately 10 Volumes by Hand Bailing	
40									

Hole Hand Augered to 5.0 ft.

* = Not Detected

TEST BORING LOG

PROJECT NO. 594.19.2

MOBIL/PALM

FIGURE NO. 6



OWEN CONSULTANTS

DRILLING COMPANY: DATUM EXPLORATION

RIG: MOBILE B-

DATE: 3-15-89

BORING DIAMETER: 8 INCHES
10 INCHES

DRIVE WEIGHT (S): 140 LBS

DROP: 30 INCHES

ELEVATION: 0.0 ft. (rel.)

DEPTH (FEET)	BAG SAMPLE	DRIVE SAMPLE	BLOWS/FOOT	CHEM. ANALYSIS		LITHOGRAPHIC CLASS.	SOIL CLASS. (U.S.C.S.)	TEST BORING NO. OMW-4	
				LAB.	FIELD			SOIL DESCRIPTION	WELL CONSTRUCTION
				TPH (ppm)	PID				
0							CL	2 inches asphalt over 4 inches base	Cover Const. Cement Slurry
5		X	18	--	5.9			FILL/ALLUVIUM: Dark-red brown silty sandy clay, very moist	2" diameter Sch. 40 PVC Bent and Water Seal
10		X	45	ND*	2.4		SW	BAY POINT FORMATION/MARINE DEPOSITS: medium reddish-brown, fine- to medium-grained sand, moist, trace mica	#3 Screened Sand Filter Pack
15		X	46	--	3.7				
20		X	41	ND*	2.1		ML	Gray-brown silt, moist, white leachate deposits	0.02" Slotted Pipe
25									
30									Threaded Sediment Cap
35								Total Depth: 31.0 ft. Well constructed 3-15-89 Stabilized Groundwater @ 21.57 ft. on 4-4-89 Well Developed Approximately 10 Volumes by Hand Bailing	
40									

Hole Hand Augered to 5.0 ft.

ND* = Not Detectable

TEST BORING LOG

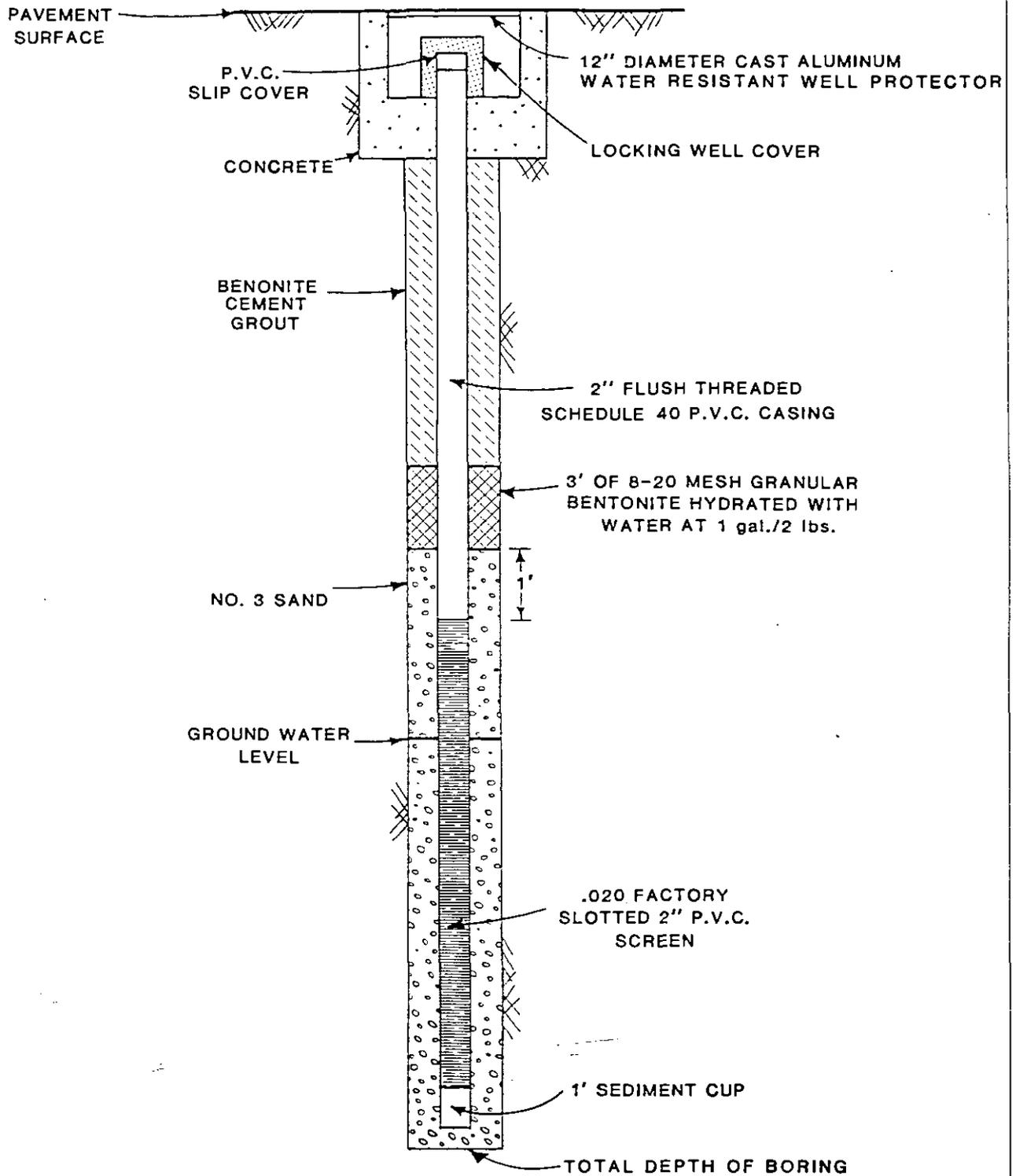
PROJECT NO. 594.19.2

MOBIL/PALM

FIGURE NO. 7

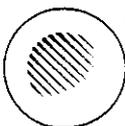


OWEN CONSULTANTS



-NOT TO SCALE-

GENERAL MONITORING WELL DESIGN



APPENDIX B



AMTECH Laboratories

4340-A Viewridge Avenue • San Diego, California 92123

(619) 560-7717

Owen Consultants
10065 Old Grove Road
San Diego, CA 92126
Attn: Dave Richter

LABORATORY NO.: 0492-89
DATE OF REPORT: March 27, 1989
DATE RECEIVED: March 16, 1989
IDENTIFICATION: Golden W594.19.2

Enclosed with this letter is the report on the following analyses on the sample(s) identified above:

Total Petroleum Hydrocarbons (TPH), DHS Method, GC/FID (modified for gasoline); Lead, Organic by DOHS Xylene Extraction, DOHS; and EPA 8020 (BTXE)

The sample(s) were received by AMTECH Laboratories intact, with chain-of-custody documentation, and with appropriate preservation. The test results and pertinent quality assurance/quality control data are listed on the attached tables.

Comments:


Mark L. King
Laboratory Director

BK 2500
INV 14800

AMTECH LABORATORY NO. 0492-89

TOTAL PETROLEUM HYDROCARBONS (TPH)
DHS METHOD BY GC-FID (MODIFIED FOR GASOLINE)

CLIENT : Owen Consultants DATE RECEIVED : 03/16/89
PROJECT : 594.19.2 DATE ANALYZED : 03/17/89

CLIENT I.D.	LAB I.D.	DETECTION LIMIT	REPORTED VALUES mg/kg
DMW-1, S-10	0492-2	1.0	ND (<1.0)
DMW-1, S-20	0492-4	1.0	ND (<1.0)
DMW-2, S-10	0492-6	1.0	81
DMW-2, S-20	0492-8	1.0	680
DMW-3, S-10	0492-10	1.0	ND (<1.0)
DMW-3, S-20	0492-12	1.0	ND (<1.0)*
DMW-4, S-10	0492-14	1.0	ND (<1.0)
DMW-4, S-20	0492-16	1.0	ND (<1.0)

QA/QC:

MS (% R) = 114
MSD (% R) = 110
RPD = 4

COMMENTS: *Presence of high b.p. petroleum hydrocarbons

AMTECH LABORATORIES

METHOD 8020 (BTXE) ANALYSIS DATA

LABORATORY NO. : 0492-89
CLIENT : Owen Consultants

CLIENT I.D. OMW-2, S-20

LAB SAMPLE I.D. 0492-8

UNITS: ug/kg
PARAMETER

Benzene	220
Toluene	960
Ethyl Benzene	3000
Total Xylenes	18000

QA/QC:	Matrix Spike (% R)	Matrix Spike Duplicate (% R)	RPD
Benzene	96	100	4
Toluene	97	87	11
Ethyl Benzene	118	109	8
Total Xylenes	94	88	7

AMTECH LABORATORY NO. : 0492-89

GENERAL CHEMISTRY ANALYSIS DATA

CLIENT : Owen Consultants

DATE ANALYZED : 03/23/89

PROJECT : 594.19.2

BOOK NO./PAGE : 2701-33

METHOD : 7421

UNITS: mg/kg

CLIENT I.D. DMW-2, S-20

LAB SAMPLE I.D. 0492-89-B

Organic Lead <.6

QA/QC:

MS (% R) = 92

MSD (% R) = 92

RPD = 0

COMMENTS: Detection Limit .6 mg/kg



AMTECH Laboratories

4340-A Viewridge Avenue • San Diego, California 92123

(619) 560-7717

Owen Consultants
10065 Old Grove Road
San Diego, CA 92126
Attn: David Richter

LABORATORY NO. 0531-89
DATE OF REPORT Apr. 7, 1989
DATE RECEIVED Mar. 24, 1989 @ 1434
IDENTIFICATION Project No. 594.19.2

Enclosed with this letter is the report on the following analyses on the samples identified above:

Total Petroleum Hydrocarbons, DHS Method by GC/FID
(modified for gasoline); EPA 602 (BTXE); Total Lead by
EPA 3010, EPA 6010

The samples were received by AMTECH Laboratories intact, with chain-of-custody documentation, and with appropriate preservation. The test results and pertinent quality assurance/quality control data are listed on the attached tables.

Comments:

Mark King / MKB
Mark L. King
Laboratory Director

BK 3100,2402-108,2500
INV 14865

Lab. No.: 0531-89
Client: Owen Consultants
Project: 594.19.2

Results

UNITS: mg/L

TOTAL LEAD

OMW-1, W-1, C	170
OMW-2, W-1, C	110
OMW-3, W-1, C	580
OMW-4, W-1, C	360



AMTECH LABORATORY NO. : 0531-89

TOTAL PETROLEUM HYDROCARBONS (TPH)
DHS METHOD BY GC-FID (MODIFIED FOR GASOLINE)

CLIENT : OWEN CONSULTANTS

PROJECT : 594.19.2

CLIENT I.D.	LAB. I.D.	DETECTION LIMIT	REPORTED VALUES mg/L	COMMENTS
OMW-1,W-1,A	0531-1	0.1	46	PRESENCE OF C10-C12 PETROLEUM HYDROCARBON DISTILLATES.
OMW-2,W-1,A	0531-4	0.1	27	
OMW-3,W-1,A	0531-7	0.1	16	
OMW-4,W-1,A	0531-10	0.1	ND	

QA/QC:

MATRIX SPIKE % RECOVERY	120
MATRIX SPIKE DUPLICATE % RECOVERY	105
RELATIVE PERCENT DIFFERENCE	13

ADDITIONAL COMMENTS:

ND = NOT DETECTED



EPA 602 (BTXE) ANALYSIS

CLIENT'S NAME : OWEN CONSULTANTS

PROJECT : 594.19.2

CLIENT SAMPLE ID : OMW-1,W-1,B

LAB SAMPLE ID : 0531-2

SAMPLE MATRIX : WATER

UNITS: ug/L

PARAMETER	RESULTS
Benzene	2.00
Toluene	0.20 U
Ethylbenzene	14.00
Total Xylenes	0.20 U

COMMENTS:

U indicates the compound was analyzed for but not detected at a concentration above the detection limit.

B indicates analyte was also found in the method blank.



EPA 602 (BTXE) ANALYSIS

CLIENT'S NAME : OWEN CONSULTANTS

PROJECT : 594.19.2

CLIENT I.D.: OMW-2,W-1,B

LAB SAMPLE ID : 0531-5

SAMPLE MATRIX : WATER

UNITS: ug/L

PARAMETER -----	RESULTS -----
Benzene	930.00
Toluene	2600.00
Ethylbenzene	3300.00
Total Xylenes	3700.00

COMMENTS:

U indicates the compound was analyzed for but not detected at a concentration above the detection limit.

B indicates analyte was also found in the method blank.



EPA 602 (BTXE) ANALYSIS

CLIENT'S NAME : OWEN CONSULTANTS

PROJECT : 594.19.2

CLIENT I.D. : OMW-3,W-1,B

LAB SAMPLE ID : 0531-8

SAMPLE MATRIX : WATER

UNITS: ug/L

PARAMETER -----	RESULTS -----
Benzene	460.00
Toluene	930.00
Ethylbenzene	770.00
Total Xylenes	1400.00

COMMENTS:

U indicates the compound was analyzed for but not detected at a concentration above the detection limit.

B indicates analyte was also found in the method blank.



EPA 602 (BTXE) ANALYSIS

CLIENT'S NAME : OWEN CONSULTANTS

PROJECT : 594.19.2

CLIENT I.D.: OMW-4,W-1,B

LAB SAMPLE ID : 0531-11

SAMPLE MATRIX : WATER

UNITS: ug/L

PARAMETER	RESULTS
Benzene	0.20 U
Toluene	2.70
Ethylbenzene	4.50
Total Xylenes	1.20

COMMENTS:

U indicates the compound was analyzed for but not detected at a concentration above the detection limit.

B indicates analyte was also found in the method blank.



AMTECH LAB. NO.: 0531-89

EPA 602 (BTXE)
VOLATILE AROMATICS ORGANIC ANALYSIS DATA
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

CLIENT : OWEN

PROJECT : 594.19.2

CLIENT I.D.
LAB SAMPLE I.D.

MATRIX SPIKE COMPOUND	PERCENT RECOVERY (%R)	PERCENT RECOVERY (%R)	RPD
Benzene	89	95	7
Toluene	92	92	0
Ethyl Benzene	94	93	1
Total Xylenes	86	86	0

COMMENTS:





AMTECH Laboratories

4340-A Viewridge Avenue • San Diego, California 92123

(619) 560-7717

Owen Consultants
10065 Old Grove Road
San Diego, CA 92126
Attn: Dave Richter

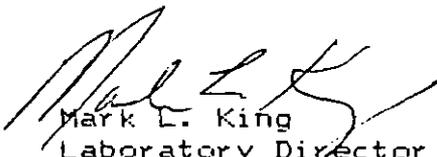
LABORATORY NO.: 0492-89
DATE OF REPORT: March 27, 1989
DATE RECEIVED: March 16, 1989
IDENTIFICATION: Golden W594.19.2

Enclosed with this letter is the report on the following analyses on the sample(s) identified above:

Total Petroleum Hydrocarbons (TPH), DHS Method, GC/FID (modified for gasoline); Lead, Organic by DOHS Xylene Extraction, DOHS; and EPA 8020 (BTXE)

The sample(s) were received by AMTECH Laboratories intact, with chain-of-custody documentation, and with appropriate preservation. The test results and pertinent quality assurance/quality control data are listed on the attached tables.

Comments:


Mark L. King
Laboratory Director

BK 2500
INV 14800

APPENDIX C

OWEN CONSULTANTS

"CHAIN OF CUSTODY DOCUMENT"

LABORATORY: Amtech

DATE: 3-16-89

PROJECTNAME & NUMBER: 594.19.2

[PLEASE USE OUR PROJECT NUMBER AS A PURCHASE ORDER AND AUTHORIZATION TO PERFORM THIS WORK]

SAMPLE ID	DATE	LOCATION	CONTAINER	SAMP-TYPE	ANALYSIS REQUIRED
OMW-1, S-5	3-15-89	OMW-1	S.Steel	Soil	hold
S-10					DHS TPH (Gas) Greatest TPH
S-15					hold S-10+S-20 For
↓ S-20	↓	↓	↓	↓	DHS TPH (Gas) EPA 8020+7421
OMW-2, S-5		OMW-2			hold
S-10					DHS TPH (Gas) Greatest + TPH
S-15					hold S-10+S-20 For
↓ S-20	↓	↓	↓	↓	DHS TPH (Gas) EPA 8020+7421
OMW-3, S-5		OMW-3			hold
S-10					DHS TPH (Gas) Greatest + TPH
↓ S-15	↓	↓	↓	↓	hold S-10+S-20 For

SEND RESULTS TO: Attn David Richter

PHONE:

VEPA 8020+7421

RESULTS NEEDED [ASAP] [BY:]

[CALL RESULTS]

[NEED HARDCOPY BY:]

7 working days

RELINQUISHED BY	DATE & TIME	RECEIVED BY
CUSTODY RELEASED BY: 1. <u>DAR</u>	5:10 PM 3-16-89	<u>Barbara J. Montgomery</u>
2.		
3.		
4.		
5.		

MAIL RESULTS & BILLINGS TO:

Attn David Richter

OWEN CONSULTANTS

"CHAIN OF CUSTODY DOCUMENT"

LABORATORY: Amtech DATE: 3-16-89

PROJECTNAME & NUMBER: 594 19.2

[PLEASE USE OUR PROJECT NUMBER AS A PURCHASE ORDER AND AUTHORIZATION TO PERFORM THIS WORK]

SAMPLE ID	DATE	LOCATION	CONTAINER	SAMP-TYPE	ANALYSIS REQUIRED
12 OUMV-3, S-20	3-15-89	OUMW-3	S.Steel	Soil	DHS TPH (Gas) (see above)
13 OUMW-4, S-5		OUMW-4			hold
14 S-10					DHS TPH (Gas) ← Greatest TPH
15 S-15					hold
16 ↓ S-20	↓	↓	↓	↓	DHS TPH (Gas) ← EPA 8015 + 7421
/	/	/	/	/	/
/	/	/	/	/	/
/	/	/	/	/	/
/	/	/	/	/	/
/	/	/	/	/	/
/	/	/	/	/	/

SEND RESULTS TO: Attn. David Richter PHONE: (circled)

RESULTS NEEDED [ASAP] [BY:] [CALL RESULTS] [NEED HARDCOPY BY:]
7 working days

RELINQUISHED BY	DATE & TIME	RECEIVED BY
1. <u>D. Richter</u>	<u>5:10 PM 3-16-89</u>	<u>Barbara L. Montgomery</u>
2.		
3.		
4.		
5.		

MAIL RESULTS & BILLINGS TO: Attn David Richter

REV. 10/88

OWEN CONSULTANTS

P-1 of 2

"CHAIN OF CUSTODY DOCUMENT"

LABORATORY: Amtech DATE: 3-24-89

PROJECTNAME & NUMBER: 594.19.2

[PLEASE USE OUR PROJECT NUMBER AS A PURCHASE ORDER AND AUTHORIZATION TO PERFORM THIS WORK]

SAMPLE ID	DATE	LOCATION	CONTAINER	SAMP-TYPE	ANALYSIS REQUIRED
1 OMW-1, W-1, A	3-24	OMW-1	Glass	Water	TPH (Gas) By DHS Method
2 " " B		↓			BTXE By EPA 602
3 " " C		↓			Organic Pb By DHS/LUFT
4 OMW-2, W-1, A		OMW-2			TPH (Gas) By DHS Method
5 " " B		↓			BTXE By EPA 602
6 " " C		↓			Organic Pb By DHS/LUFT
7 OMW-3, W-1, A		OMW-3			TPH (Gas) By DHS Method
8 " " B		↓			BTXE By EPA 602
9 " " C	✓	↓	↓	↓	Organic Pb By DHS/LUFT

SEND RESULTS TO:

PHONE:

RESULTS NEEDED [ASAP] [BY:] [CALL RESULTS] [NEED HARDCOPY BY:]

April 4

RELINQUISHED BY	DATE & TIME	RECEIVED BY
CUSTODY RELEASED BY: 1. <u>D. Richter</u>	3-24-89 2:35PM	<u>Hilary Mazar</u>
2.		
3.		
4.		
5.		

MAIL RESULTS & BILLINGS TO:

Attn: David Richter

OWEN CONSULTANTS

P-2 of 2

"CHAIN OF CUSTODY DOCUMENT"

LABORATORY: Amtech

DATE: 3-24-89

PROJECTNAME & NUMBER: 594.19.2

(PLEASE USE OUR PROJECT NUMBER AS A PURCHASE ORDER AND AUTHORIZATION TO PERFORM THIS WORK)

SAMPLE ID	DATE	LOCATION	CONTAINER	SAMP-TYPE	ANALYSIS REQUIRED
10 omw-4, w-1, A	3-24	omw-4	Glass	Water	TPH(Gas) By DHS METHOD
11 " " B	↓	↓	↓	↓	BTXE By EPA 602
12 " " C	↓	↓	↓	↓	Organic Pb By DHS/LVFT

SEND RESULTS TO:

PHONE:

RESULTS NEEDED [ASAP] [BY:

] [CALL RESULTS]

[NEED HARDCOPY BY:

April 4

RELINQUISHED BY	DATE & TIME	RECEIVED BY
CUSTODY RELEASED BY: 1. <u>DALR +</u>	<u>3-24-89 2:35PM</u>	<u>Wilang Mejan</u>
2.		
3.		
4.		
5.		

MAIL RESULTS & BILLINGS TO:

Attn: David Richter

REV.10/88

10065 OLD GROVE ROAD SAN DIEGO, CA 92131 (619) 695-3150

Mobil Oil Corporation

RECEIVED

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

Nov 13 4 47 PM '90

November 8, 1990

Mr. Donn LiPera
San Diego County DOHS - HMMMD
P.O. Box 85621
San Diego, CA 92138

S/S 18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA
H05459/T01392

Dear Mr. LiPera:

Enclosed for your information is the Uniform Hazardous Waste Manifests for subject location. Document numbers 91057665 is for the disposal of waste water collected during the pump-out of the monitoring wells at the site. The waste liquid is non-RCRA.

If you have any questions, please feel free to contact me at (818) 953-2519.

Sincerely,



David M. Noe, P.E.
Groundwater Projects Engineer

DMN:st
enclosures

cc: Mr. Jim Munch (w/ enclosures)
RWQCB - San Diego Region
9771 Clairemont Mesa Blvd., Suite #B
San Diego, CA 92124

K. M. Rytokoski - Oceanside (w/o)

91057665

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9802. WITHIN CALIFORNIA CALL 1-800-852-7660

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address MOBIL OIL CORP 681 HIGHWAY 75, IMPERIAL BEACH, CA		CAL 000296785		A. State Manifest Document Number 91057665		
4. Generator's Phone 619 439 5069		92082		B. State Generator's ID		
5. Transporter 1 Company Name PACIFIC TREATMENT CORP		6. US EPA ID Number CA0095894556		C. State Transporter's ID 102156		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (619) 233-0865		
9. Designated Facility Name and Site Address PACIFIC TREATMENT CORP 2190 MAIN ST. SAN DIEGO, CA 92113		10. US EPA ID Number CA0095894556		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID CA0095894556		
				H. Facility's Phone (619) 233-0424		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. HAZARDOUS WASTE LIQUID NOS. ORM-E NA 9189			0030400	165 G		State 133 EPA/Other NA
b.						State EPA/Other
c.						State EPA/Other
d.						State EPA/Other
16. Additional Descriptions for Materials Listed Above 16 HAZARDOUS WASTE 90-101			17. Hazardous Codes for Wastes Listed Above 995TB			
15. Special Handling Instructions and Additional Information						ENVIRONMENTAL AFFAIRS OPERATIONS DEPARTMENT NOV - 8 - 1990
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name D. MAHONEY		Signature <i>[Signature]</i>		Month Day Year 11 01 1990		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name J. CUTBERTO		Signature <i>[Signature]</i>		Month Day Year 11 09 90		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space 132 - 110 gallons						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest as noted in item 19						
Printed/Typed Name THOMAS KANE		Signature <i>[Signature]</i>		Month Day Year		

Mobil Oil Corporation

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

August 3, 1990

Mr. Donn LiPera
San Diego County HMMMD
P. O. Box 85261
San Diego, CA 92138-5261

MOBIL OIL CORPORATION
SERVICE STATION CLEAN-UP
PROGRESS REPORT

Dear Mr. LiPera:

This letter is to update you on the current progress of the clean-up at the subject location. As follows:

T01392/H05459 18-FPL 681 State Hwy 75 and Palm, Imperial Beach

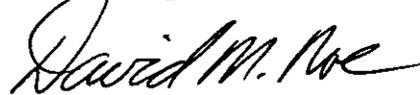
Dissolved phase ground water contamination was found in three of the four on site monitoring wells. The March 29, 1990 progress report erroneously stated that TCE was found; PCE was found.

The additional site characterization report was submitted on 4/16/90. Request for designation of the site aquifer denied by HMMMD on June 16, 1990.

The rebuild of the service station and equipment is scheduled for July 1990. The work plan for the remediation of impacted soils was forwarded to the agencies on 5/23/90. Additional site characterization is required to define off-site dissolved-phase contamination; this report will submitted to HMMMD by 8/31/90.

If you have any questions, please feel free to contact me at (818) 953-2519.

Sincerely,



David M. Noe, P.E.
Groundwater Projects Engineer

DMN:st

cc: Mr. Jim Munch
RWQCB - San Diego Region
9771 Clairemont Mesa Blvd., Suite B
San Diego, CA 92124-1331

K. Rytokoski - Oceanside

HMMMD

JUL 5 2 55 PM '90

REVD
7/6/90
ML

July 3, 1990

Mr. Donn Lipera
Hazardous Materials Management Division (HMMMD)
Environmental Health Services
P.O. Box 85261
San Diego, California 92138-5261

SUBJECT: SOIL DISPOSAL (DOUG HARVEY)
Mobil Service Station #18-FPL
Imperial Beach, California
CEW Project No. 90-82-108-01

Dear Mr. Lipera:

Converse Environmental West completed an expanded soil and groundwater characterization at the Mobil service station #18-FPL located at 681 Highway 75 in Imperial Beach, and submitted the report to Mobil Oil on April 13, 1990. During the investigation, five soil borings, SB-1 through SB-5, and four monitoring wells, MW-5 through MW-8, were drilled on the site. Soils were monitored with a PID and samples were taken every five feet. All soil cuttings were placed in DOT approved 55-gallon drums, and labeled as to the borehole or monitoring well and approximate depth that the soils originated.

As outlined in "Reporting Requirements For Unauthorized Release Investigations And Sampling Requirements For All Underground Storage Tank Removals", dated October 16, 1989, and per our telephone conversation of June 29, 1990, this letter is submitted requesting disposal of six 55-gallon soil drums at the Class 3 landfill in Otay, California. Our report of April 13, 1990, along with the drum manifest presents data indicating that the soil contained in the drums is clean according to the standards set by HMMMD.

88445823

IN CASE OF AN EMERGENCY OR SPILL, CALL T.I. GENERATOR

IN CASE OF AN EMERGENCY OR SPILL, CALL T.I. TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. CA00029678	Manifest Document No. 545023	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address MOBILE OIL CORPORATION 661 HIGHWAY 75 EXPERIAL BEACH CA 92032			A. State Manifest Document Number 88445823		
4. Generator's Phone (619) 424-3366			B. State Generator's ID		
5. Transporter 1 Company Name PACIFIC TREATMENT CORP		6. US EPA ID Number CA0095894556		C. State Transporter's ID 102770	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (619) 233-0424	
9. Designated Facility Name and Site Address PACIFIC TREATMENT CORP 2190 MAIN STREET SAN DIEGO CA 92113		US EPA ID Number CA0095894556		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone 619-233-0424	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit (Wt/Vol)	Waste No.
a. NON REACT HAZARDOUS WASTE SOLIDS, N.O.S.			0020 MD 1800 P		State 611 EPA/Other NA
b. HAZARDOUS WASTE LIQUIDS, N.O.S., ORM-E, NA 9189			001 DM 000706	55	State 133 EPA/Other NA
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above 11A PROFILE # 90-1800 11B PROFILE # 90-1801			K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information GOGGLES, GLOVES, RESPIRATOR					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name DOUGLAS D. HARVEY		Signature <i>[Signature]</i>		Month Day Year 06 29 90	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name GEORGE ZITO		Signature <i>[Signature]</i>		Month Day Year 06 29 90	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

Please print or type. (Form designed for use on elite or dot matrix typewriter).

88445822
 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAC00029678543842		Manifest Document No. 543842		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.									
3. Generator's Name and Mailing Address MOBILE OIL CORPORATION 681 HIGHWAY IMPERIAL BEACH, CA 92032						A. State Manifest Document Number 88445822											
4. Generator's Phone 619 424-3306						B. State Generator's ID											
5. Transporter 1 Company Name PACIFIC TREATMENT CORP				6. US EPA ID Number CAD095894556		C. State Transporter's ID 102758		D. Transporter's Phone 619-233-0424									
7. Transporter 2 Company Name				8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone									
9. Designated Facility Name and Site Address PACIFIC TREATMENT CORP 2190 MAIN STREET SAN DIEGO/CA 92113						10. US EPA ID Number CAD095894556		G. State Facility's ID									
						H. Facility's Phone 619-233-0424											
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) NON RCRA HAZARDOUS WASTE SOLIDS, N.O.S.						12. Containers		13. Total Quantity		14. Unit		Waste No.					
						No.		Type		Quantity		Unit		State		EPA/Other	
														611		N/A	
														State		EPA/Other	
														State		EPA/Other	
J. Additional Descriptions for Materials Listed Above PROFILE II - 90-1800						K. Handling Codes for Wastes Listed Above											
15. Special Handling Instructions and Additional Information GOGGLES, GLOVES, RESPIRATOR																	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																	
Printed/Typed Name DOUGLAS P HARVEY				Signature <i>[Signature]</i>				Month Day Year 10 6 29 90									
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name ANTHONY A. RIVERA				Signature <i>[Signature]</i>		Month Day Year 10 6 29 90							
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name				Signature		Month Day Year							
19. Discrepancy Indication Space																	
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.																	
Printed/Typed Name				Signature				Month Day Year									

Do Not Write Below This Line

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS

For: P.O. Box 400, Sacramento, CA 95812-0400

DRUM INVENTORY

Project Name: Mobil Imperial Beach Well No.: _____
 Project No.: 90-82-105-01 Geologist(s): _____
 Date: 3/22/90 Time (mob/demob): _____

WELL/ Boiling	DRUM ID./Depth	MATERIAL	DATE OF Accumulation	APPROVED FOR DISPOSAL	DISPOSED	Remarks
SB-1	10F1 0-25'	SOIL	3/21/90			CLEAN
SB-2	10F1 0-25'	SOIL	3/21/90		PACIFIC TREAT. 6/29/90	DIRTY
SB-3	10F1 0-25'	SOIL	3/20/90		PAC TREAT 6/29/90	DIRTY DIRTY
SB-4	10F1 0-20'	SOIL	3/20/90			CLEAN
SB-5	10F1 0-25'	SOIL	3/21/90		PAC. TREAT. 6/29/90	DIRTY DIRTY
MLW-5	10F3 1-20' 8" Auger	SOIL	3/21/90			CLEAN
MLW-5	20F3 20-30' 8" Auger 0-15' 10" Auger	SOIL	3/21/90		PAC. TREAT 6/29/90	DIRTY
MLW-5	30F3 15-30' 10" Auger	SOIL	3/21/90		PAC TREAT 6/29/90	DIRTY
MLW-6	10F3 1-20' 8" Auger	SOIL	3/20/90			clean
MLW-6	20F3 20-30' 8" Auger 0-15' 10" Auger	SOIL	3/20/90		PAC TREAT 6/29/90	DIRTY
MLW-6	30F3 15-30' 10" Auger	SOIL	3/20/90		PAC TREAT 6/29/90	DIRTY
MLW-7	10F3 1-20' 8" Auger	SOIL	3/20/90			clean
MLW-7	20F3 20-30' 8" Auger 0-15' 10" Auger	SOIL	3/20/90		PAC TREAT 6/29/90	DIRTY
MLW-7	30F3 15-30' 10" Auger	SOIL	3/20/90		PAC TREAT 6/29/90	DIRTY
MLW-8	10F3 1-20' 8" Auger	SOIL	3/21/90			clean
MLW-8	20F3 20-30' 8" Auger 0-15' 10" Auger	SOIL	3/21/90		PAC TREAT 6/29/90	DIRTY
MLW-8	30F3 15-30' 10" Auger	SOIL	3/21/90		PAC TREAT 6/29/90	DIRTY
Unlabelled	UNKNOWN	SOIL			PAC. TREAT 6/29/90	
OWLS-1 OWLS-2 OWLS-3	10F1	WATER	3/19/90		PAC. TREAT 6/29/90	

WELL/ BORING	DRUM ID/ DEPTH	MATERIAL	DATE OF ACCUMULATION	DISPOSED	REMARKS
MW-7	1 of 3 1-20', 8" auger	soil DRUM #1	3/20/90		clean
MW-7	2 of 3 20-30', 8" auger 0-15', 10" auger	soil INTO SAME DRUM #2	3/20/90	Pac. Treat. 6/29/90	dirty
MW-7	3 of 3 15-30', 10" auger	soil DRUM #3	3/20/90	Pac. Treat. 6/29/90	dirty
MW-8	1 of 3 1-20', 8" auger	soil	3/21/90		clean
MW-8	2 of 3 20-30', 8" auger 0-15', 10" auger	soil	3/21/90	Pac. Treat. 6/29/90	dirty
MW-8	3 of 3 15-30', 10" auger	soil	3/21/90	Pac. Treat. 6/29/90	dirty
unlabelled	unknown	soil		Pac. Treat. 6/29/90	
OMW-1 OMW-3 OMW-4	1 of 1	water	3/19/90	Pac. Treat. 6/29/90	

NEED
CLARIFICA-
TION.

MW7 @ 29-25' SHOWED

3900 PPM TPH
B - 11 PPM
T - 120 PPM
X - 15 PPM
E - 29 PPM

DRUM INVENTORY

Mobil - Imperial Beach
90-82-108-01
3/22/90

WELL/ BORING	DRUM ID/ DEPTH	MATERIAL	DATE OF ACCUMULATION	DISPOSED	REMARKS
SB-1	1 of 1 0-25 ft	soil	3/21/90		clean
SB-2	1 of 1 0-25 ft	soil	3/21/90	Pac. Treat. 6/29/90	dirty
SB-3	1 of 1 0-25 ft	soil	3/20/90	Pac. Treat. 6/29/90	dirty
SB-4	1 of 1 0-20 ft	soil	3/20/90		clean
SB-5	1 of 1 0-25 ft	soil	3/21/90	Pac. Treat. 6/29/90	dirty
MW-5	1 of 3 1-20 ft, 8" auger	soil	3/21/90		clean
MW-5	2 of 3 20-30 ft, 8" auger 0-15 ft, 10" auger	soil	3/21/90	Pac. Treat. 6/29/90	dirty
MW-5	3 of 3 15-30 ft, 10" auger	soil	3/21/90	Pac. Treat. 6/29/90	dirty
MW-6	1 of 3 1-20 ft, 8" auger	soil	3/20/90		clean
MW-6	2 of 3 20-30 ft, 8" auger 0-15 ft, 10" auger	soil	3/20/90	Pac. Treat. 6/29/90	dirty
MW-6	3 of 3 15-31', 10" auger	soil	3/20/90	Pac. Treat. 6/29/90	dirty

A. Estimated Volume of Contaminated Soil Involved

A total of 18 soil drums were generated during drilling operations at the site. It was determined that twelve of the drums contain soils contaminated with gasoline. These twelve drums have been removed from the site by Pacific Treatment Corporation (copies of manifest are enclosed). Six drums remain on site. It is believed that the soil contained in these drums is clean.

B. Description of the Contaminant

Gasoline is the known contaminant on site.

(APRIL 13, 1990 REPORT)
(ALSO TCE, TETRACHLORO-
ETHENE, 1,2-DICHLOROETHANE)

C. Description of Sampling Procedures

See Appendix A, "Field Procedures", in our report of April 13, 1990.

D. Detailed Description of the Sampling Location and Selection Process

See Drawing 1, "Site Map"; Appendix B, "Boring Logs"; Drum Inventory; and Table 2, "Analytical Results for Soil Samples". The soils in question are SB-1 (0 to 25 feet), SB-4 (0 to 20 feet), MW-5 (0 to 20 feet), MW-6 (0 to 20 feet), MW-7 (0 to 20 feet), and MW-8 (0 to 20 feet).

- ◇ **SB-1:** 35 ppm detected on PID at 25 feet. TPH (14 mg/kg), benzene (0.06 mg/kg), toluene (0.58 mg/kg), ethylbenzene (0.31 mg/kg), and total xylenes (0.77 mg/kg) were detected in the sample taken from 24.0 to 25.0 feet.
- ◇ **SB-4:** No contaminants were detected with the PID or through chemical analysis.
- ◇ **MW-5:** A reading of 33 ppm was detected on the PID at 15 feet. No contaminants were detected through chemical analysis.
- ◇ **MW-6:** A PID reading of 10 ppm was detected at 10 feet and 15 ppm at 20 feet. No contaminants were detected through chemical analysis.

- ◇ **MW-7:** A PID reading of 64 ppm was detected at 20 feet. Chemical analysis of soil at 20 feet did not detect any contaminants.
- ◇ **MW-8:** No contaminants were detected through PID readings or chemical analysis.

E. Copies of All Sample Results, Chain-of-Custody Documents, and Quality Assurance/Quality Control (QA/QC) Supporting Data

See Appendix C, "Analytical Procedures and Test Results".

F. Statistical Calculations For All Stockpiles Greater Than 20 Cubic Yards

N/A

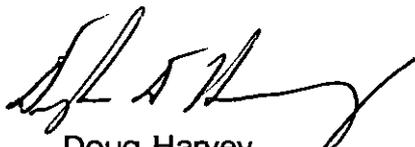
G. Plot Plan Detailing the Site and Sample Locations

See Drawing 1, "Site Plan", and Appendix B, "Boring Logs".

It is anticipated that Disposal Control will handle the actual removal and disposal of the drums once authorization is recieved from you.

CEW would appreciate your review of this letter and subsequent authorization to dispose of the soils in the six 55-gallon drums at the Class 3 landfill in Otay, California. If we can supply further information, or if you have any questions, please call.

Sincerely,
CONVERSE ENVIRONMENTAL WEST



Doug Harvey
Geologist



Rod Reeve
Senior Geologist

Mobil Oil Corporation

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

May 25, 1990

Mr. Donn LiPera
San Diego County HMMMD
P. O. Box 85261
San Diego, CA 92138-5261

MOBIL OIL CORPORATION
SERVICE STATION CLEAN-UP
PROGRESS REPORT

Dear Mr. LiPera:

This letter is to update you on the current progress of the clean-up at the subject location. As follows:

T01392/H05459 18-FPL 681 State Hwy 75 and Palm, Imperial Beach

Dissolved phase ground water contamination was found in three of the four on site monitoring wells. The soil gas survey results were submitted on 3/15/90. The March 29, 1990 progress report erroneously stated that TCE was found; PCE was found.

The additional site characterization report was submitted on 4/16/90. MW-6 and MW-8 contained 5450 and 3100 ppm TDS per EPA method 160.1. Additionally, the site is west of I-5. We formally request that this aquifer be designated non-beneficial.

The rebuild of the service station and equipment is scheduled for July 1990. The work plan for the remediation of impacted soils was forwarded to the agencies on 5/23/90. Additional site characterization is required to define off-site dissolved-phase contamination; this report will be submitted to HMMMD by 8/31/90.

If you have any questions, please feel free to contact me at (818) 953-2519.

Sincerely,



David M. Noe, P.E.
Groundwater Projects Engineer

DMN:st

cc: Mr. Jim Munch
RWQCB - San Diego Region
9771 Clairemont Mesa Blvd., Suite B
San Diego, CA 92124-1331

C. D. Smith - Oceanside

Mobil Oil Corporation

RECEIVED

MAY 29 12 15 PM '90

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

ENVIRONMENTAL
HEALTH SERVICES

3142 Vista Way, Suite 400
Oceanside, CA 92056
May 24, 1990

Mr. Phil Millenbah
City of Imperial Beach
Planning Department
825 Imperial Beach Boulevard
Imperial Beach, CA 92032

MOBIL OIL CORPORATION
S/S 18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA

Dear Mr. Millenbah:

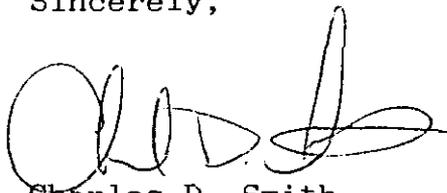
Enclosed for your review is a Work Plan for Remediation of Impacted Soils, dated May 15, 1990, for the subject location.

The work plan is intended to address the concerns you expressed during our meeting of April 19, 1990 regarding Mobil's ability to remediate contaminated soils and groundwater at the site relative to the proposed rebuild configuration. The work plan presents two remediation options, one of which could be implemented if the site is designated beneficial with respect to groundwater use and the other for use if the site is designated non-beneficial for groundwater use. Please note that alternate remediation methods to those proposed do exist and may be determined more appropriate for this site. Those presented merely represent two options.

We hope the work plan sufficiently illustrates that the site can be remediated with the rebuild configuration. Indeed, the rebuild project will actually facilitate remediation in many respects. Furthermore, the new facility would incorporate the most current technology with regard to secondary containment to safe guard against future product releases.

We will be contacting you soon to discuss the work plan and any additional concerns you might have. In the interim, please call me at (619) 439-5069 if you have any questions.

Sincerely,



Charles D. Smith,
Project Engineer II

Mr. Phil Millenbah
May 24, 1990
Page 2

cds
enclosure

cc: Mr. Donn LiPera (w/ enclosure)
San Diego County DOHS - HMMMD
P. O. Box 85621
San Diego, CA 92138

Mr. Jim Munch (w/ enclosure)
RWQCB - San Diego Region
9771 Clairemont Mesa Boulevard
San Diego, CA 92124

J. W. Kirk - Oceanside (w/ enclosure)
D. M. Noe - Burbank (w/ enclosure)
V. Trevino - (w/o enclosure)

RECEIVED

MAY 29 12 15 PM '90

ENVIRONMENTAL
HEALTH SERVICES

**WORK PLAN
FOR REMEDIATION OF IMPACTED SOILS
AT
MOBIL OIL SITE #18-FPL
681 Highway 75
Imperial Beach, California**

Prepared For

Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, California

Prepared By

Converse Environmental West
8823 Production Avenue
San Diego, California

CEW Project No. 90-82-130-01

May 15, 1990

Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, California 92056-3608



Attention: Mr. J. W. Kirk

Subject: WORK PLAN FOR REMEDIATION OF
MOBIL OIL SITE #18-FPL
681 Highway 75
Imperial Beach, California
CEW Project No. 90-82-130-01

Dear Mr. Kirk:

Please find attached the work plan addressing possible remediation options for Mobil Oil Site #18-FPL. Converse Environmental West (CEW) has prepared two optional scopes of work for remediating the hydrocarbon contamination previously identified at the site. One option assumes that the Regional Water Quality Control Board (RWQCB) in conjunction with San Diego County's Hazardous Materials Management Division (HMMD), considers the western portion of the Otay Valley Hydrologic Subarea a nonbeneficial groundwater use area with regard to clean-up levels for this site. The second option assumes that the regulatory agencies consider this area as a beneficial groundwater use area with respect to clean-up levels. The initiation of remedial measures are anticipated to coincide with Mobil's planned remodel of the site scheduled for July 1990.

If you have any questions regarding the attached work plans, or if we can provide additional information, please do not hesitate to call.

Respectfully,

CONVERSE ENVIRONMENTAL WEST

Rod Reeve
Senior Geologist

Jon C. Bruton
Principal Engineer

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WORK PLAN
FOR REMEDIATION OF IMPACTED SOILS
FOUND AT
MOBIL OIL SITE #18-FPL

1.0 INTRODUCTION

The subject site is Mobil Oil service station #18-FPL located at 681 Highway 75 in Imperial Beach, California. Figure 1 shows the general vicinity of the project and Figure 2 is a site plan showing existing and proposed conditions.

The site is bounded on the west by a mobile home court and by a laundry center near the southwest corner; to the north by Highway 75; Seventh Street to the east and Palm Avenue on the south. Across Highway 75 to the north is a motel and several fast food restaurants. To the east of Seventh Street is a triangular shaped landscaped area. A dental office is located south of Palm Avenue. The site slopes slightly to the south-southwest. Approximately 1/2-mile to the north and east, the Otay River discharges into diked salt evaporative tide flats of San Diego Bay. Approximately 1-mile to the west is the Pacific Ocean.

1.1 Background Information

In January 1990, Converse Environmental West (CEW) was requested by Mobil Oil Corporation to review previous work performed at the subject site by Owen Consultants. Based on review of this data, the subject site appeared to be impacted by petroleum hydrocarbons from underground gasoline storage tank systems. Soil and groundwater contamination (dissolved phase) had been identified. The site is presently an active service station.

It is understood that approximately 3-1/2 years ago the fuel tanks in the central portion of the site were replaced. Conversations with the station manager indicated that the new fuel storage tanks were placed in the same excavation from which the old tanks were removed. Approximately one year later the waste oil tank (approximately 250 gallons) was removed from the area immediately west of the fuel storage tanks and a 1000 gallon waste oil tank was placed underground near the south end of the existing building (Figure 2).

Geotechnical explorations performed by Owen Consultants in August 1988 indicated elevated hydrocarbon levels in soil samples above 19.5 feet below ground surface at which depth the borings were terminated.

In March 1989 Owen Consultants installed groundwater monitoring wells at the

subject site. San Diego County Hazardous Materials Management Division (HMMD) has on file record of the subject site dated May 1989. The site also appears on the Regional Water Quality Control Board's (RWQCB) Underground Tank List, and the Office of Planning and Research Hazardous Waste and Substances Sites List for San Diego County.

During March 1990, Target Environmental Services performed a soil gas survey for Mobil Oil Corporation at the site. The purpose of this survey was to assist in determining the extent of subsurface contamination.

CEW performed an expanded soil and groundwater characterization study in late March 1990. The results of this work are presented in CEW's "Report on Expanded Soil and Groundwater Characterization" dated April 13, 1990. The findings from this study are summarized in Section 4.0.

2.0 GEOLOGY

The site is located on a Pleistocene terrace. Shallow subsurface materials consist of alluvial and marine sediments generally covered by a shallow thickness of fill material of less than 9 feet. Fill materials encountered in the subsurface consist of clayey silt and silt. Alluvial and marine sediments range from silt to fine-medium sand with scattered fine gravel, and are reported to overlie marine sandstone. The sandstone was not encountered in any of the borings completed on site.

3.0 GROUNDWATER

The site lies within the Otay Valley Hydrographic Area which is within the Otay Hydrologic Unit. This area has been classified by the San Diego RWQCB as being a beneficial groundwater use area for municipal/domestic supply and agricultural supply. However, according to the RWQCB, this area does not meet criteria for these classifications.

Groundwater gradient appears to be toward the northwest at approximately 0.006, based on groundwater level measurements taken in all of the monitoring wells on-site during late March 1990. Groundwater appears to be at an approximate depth of 22 to 24 feet below ground surface (bgs).

4.0 DISCUSSION

Based on review of existing data and completion of CEW's expanded soil and groundwater characterization of the subject site, it appears that the subsurface has been impacted by hydrocarbons. Soil contamination appears to be restricted in the unsaturated zone to a relatively small area near boring SB-2. The highest concentration of hydrocarbon contamination in the soils appears to be within the

capillary zone, which is bracketed by MW-7 to the north, SB-3 to the east and south, and SB-5 to the west.

Water samples indicate TFH concentrations ranging from 0.15 to 46 mg/l. Water samples from monitoring wells MW-7 and OMW-2 showed the highest concentrations of TFH which were 42 and 46 mg/l. The highest levels noted for BTEX were in OMW-1, OMW-2, and MW-7. All monitoring wells except MW-8 indicated hydrocarbon concentrations above detection levels. It is not known if a dissolved phase of hydrocarbon contamination continues off-site. No floating product on the groundwater has been detected in the monitoring wells. Water levels measured on March 28, 1990, showed that the groundwater gradient was to the northwest at approximately 0.006.

Typically, within areas designated as beneficial groundwater use areas, clean-up levels for TFH in soil have been 100 mg/kg. In areas designated nonbeneficial groundwater use, level for soil clean-up have been 1000 mg/kg TFH. Groundwater clean-up levels in areas of beneficial use are evaluated based on drinking water standards. In nonbeneficial use areas, each case is handled on a site by site basis to determine groundwater clean-up levels.

During the soil gas survey performed by Target Environmental Services, both hydrocarbon and non-halogenated solvent analyses, along with analysis for chlorinated hydrocarbons were performed. One sample from the southwest corner of the site was analyzed for the chlorinated hydrocarbon tetrachloroethane (PCE) using gas chromatography/electron capture detection (GC/ECD) methods which indicated detectable levels of PCE. Target Environmental Services indicated the possibility of PCE at other sampling points west of the pump islands but no quantitative data was presented. It may be possible that the PCE is the result of an offsite source which is undefined at this time. Groundwater clean-up standards for chlorinated compounds are typically handled on a site by site basis. Should further delineation or remediation be required, the proposed facility layout would provide easier access than the existing facility layout. This is based on laboratory test results which indicate that the contaminants are on the western portion of the site where the existing building is located.

Two water samples analyzed for TDS indicated levels above the RWQCB's water quality objectives stated in the Comprehensive Water Quality Control Plan for the San Diego Basin. These test results should be considered in evaluating the site with respect to beneficial versus nonbeneficial designations as they relate to clean-up requirements. It has been CEW's experience in the past that areas west of the I-5 corridor have been considered nonbeneficial use.

5.0 SCOPE OF WORK

This section presents CEW's recommendations for additional characterization and remediation of the site. Remediation options discussed below address three areas

of concern: soil in the vadose zone, soil in the capillary fringe zone, and groundwater.

It is CEW's opinion that each of the remedial measures discussed below will accomplish the objective it is designed for and can be incorporated into the planned reconstruction of the site.

5.1 Additional Site Characterization

Prior to, or in conjunction with, the remedial actions, further offsite characterization may be required. Potential locations for additional groundwater monitoring wells are indicated on Figure 2. The purpose of these wells is to establish a "zero contaminant" line to further characterize the extent of previously observed groundwater contamination.

Monitoring wells are proposed to be drilled in the City of Imperial Beach's easements. CEW will obtain permits and right-of-access to complete the monitoring wells.

As the borings are advanced, soil samples will be obtained at 5-foot intervals unless subsurface conditions indicate a more frequent interval should be followed. All samples will be field screened with a PID (MicroTip) to determine appropriate samples for laboratory analysis. All samples will be obtained in brass tubes, capped with teflon and sealed with plastic caps. The samples will be refrigerated and archived or analyzed by a state certified laboratory using the DOHS method for total fuel hydrocarbons and EPA method 8020 for BTEX. One sample from each boring will be analyzed for organic lead using the DOHS method.

Upon completion of the borings to a total depth of approximately ten feet below groundwater, monitoring wells will be installed using 4-inch diameter schedule 40 PVC.

Well development will consist of removing approximately five well volumes of water. A minimum of 48 hours after completion of development procedures, CEW will return to obtain water samples. Water sampling will consist of purging 3 well volumes from each well prior to obtaining a sample which will then be refrigerated and transported according to EPA protocol to a laboratory for chemical analysis. The water samples will be analyzed at a state certified laboratory for the same constituents as the soil samples. Additionally, it is recommended that each water sample be analyzed for total dissolved solids (TDS) to verify previous TDS test results that indicated levels above those required by RWQCB for beneficial use designation.

5.2 NonBeneficial Groundwater Use Area

In areas designated nonbeneficial groundwater use, levels for soil clean-up of TFH have typically been 1000 mg/kg. Groundwater clean-up levels are handled on a site by site basis, but have typically been limited to free product. If RWQCB and HMMD require this level of clean-up, excavation and removal of contaminated soil should accomplish this goal. Elevated levels of TFH (up to 3900 mg/kg) were noted during the previous work performed by CEW at the capillary fringe zone in several of the borings. The capillary fringes zone may be regarded by the regulatory agencies as being groundwater related with regards to clean up level of TFH and may not require further action.

Excavation of Contaminated Soils

Based on the previous work performed on site by CEW and others, it appears that the soil contamination is restricted to the area surrounding SB-2. This area is the proposed new location of the underground storage tanks (Figure 2). Since this area will be excavated for the new tanks, soil removed from the excavation could be field screened to determine contaminated and non-contaminated materials. Laboratory analysis could be performed to determine appropriate disposal facilities for the contaminated spoils and to verify non-contaminated material as well. After verification of contaminant levels with laboratory analysis the material could be disposed of at appropriate facilities or used on site.

Review of previous work and the results of CEW's work on site indicated no free product in any of the monitoring wells or soil borings.

5.3 Beneficial Groundwater Use Area

Typically, within areas designated as beneficial groundwater use areas, clean-up levels for soil have been 100 mg/kg TFH. Groundwater clean-up levels in these areas are evaluated based on drinking water standards. Based on past experience the most feasible option to accomplish this remediation would be vapor extraction in conjunction with groundwater treatment.

In addition to the items discussed below, excavation of contaminated soil could be performed as presented above in Section 5.2.

The capillary fringe zone appears to be impacted by hydrocarbons. It is CEW's opinion that depressing the groundwater table may provide an effective method to remediate this capillary fringe zone. Since the soils at the site indicate high hydraulic conductivities and because of the proximity of the site to recharge areas, it is anticipated that a large volume of water would have to be pumped to sufficiently lower the water table to allow vapor extraction methods to succeed. This is supported by past experience on site during development and sampling procedures in which three to five well volumes were removed from the monitoring

wells in a short period of time, and in all but MW-6, groundwater levels were not significantly affected.

In order to determine the number of "dewatering" wells required to depress the water table, a pump test should be performed. With the information gained from the pump test, the required number and location of wells to depress the water table may be determined. CEW would keep the duration of the pump test to a minimum in order to avoid developing large volumes of potentially contaminated groundwater. This information would also enable CEW to determine the most cost effective treatment method for potentially contaminated groundwater. Options for treatment of the groundwater include above ground biological treatment, air stripping and thermal destruction, and activated charcoal adsorption. Appropriate laboratory analysis of the groundwater during the pump test should be performed in preparation for application to the City of San Diego for a temporary permit for the discharge of contaminated groundwater. The pump test would be performed in one of the existing 4-inch monitoring wells installed by CEW in March 1990. However, a minimum of two additional monitoring wells should be installed in close proximity (five to fifteen feet) to the pumping well in order to obtain data on drawdown and radius of influence for various pumping rates. Proper location of these additional monitoring wells will result in wells which can be utilized as vapor influent or extraction wells, or dewatering wells.

*Pump
TEST*

Vapor Extraction and Groundwater Treatment

As an option to remediate the site a Vapor Extraction System (VES) could be installed. The VES would include an estimated six vapor extraction wells. The vapor extraction wells should be constructed of 4-inch diameter Schedule 40 PVC casing with 0.050-inch perforations from approximately 15 feet below grade to 25 feet below grade. Figure 3 illustrates the proposed extraction well configuration and proposed location of the equipment. CEW anticipates utilizing existing monitoring wells MW-7, OMW-1, OMW-2, MW-5 and OMW-3 as air inlet wells. As vapor extraction wells are completed, CEW would perform vacuum pump tests to determine if additional air inlet wells are required. CEW will supply information necessary to obtain permits by regulatory agencies for the operation of the vapor extraction system.

The purpose of the VES is to create a well spacing configuration within the contaminant plume, capable of extracting hydrocarbon vapors at a rate high enough to effectively remediate the impacted soils, and also remain within the operating requirements and emission limits of the Air Pollution Control District (APCD). The VES includes well spacing of approximately 40 feet. These wells should be manifolded to two separate King-Buck, Hastech Thermal Ox-150 units. These units destroy the hydrocarbon vapors extracted from the subsurface by passing them through an incineration chamber. Destruction efficiency for these units is generally between 97% to 99%. A destruction efficiency of 97% will be used in calculations for preparation of documentation for the APCD. Prior to implementation of any field activities CEW would prepare an application package

for submittal to the APCD.

The proposed design would allow a total maximum flow of 300 scfm (standard cubic feet per minute) through the system, which should provide sufficient subsurface flow to accelerate the remediation process.

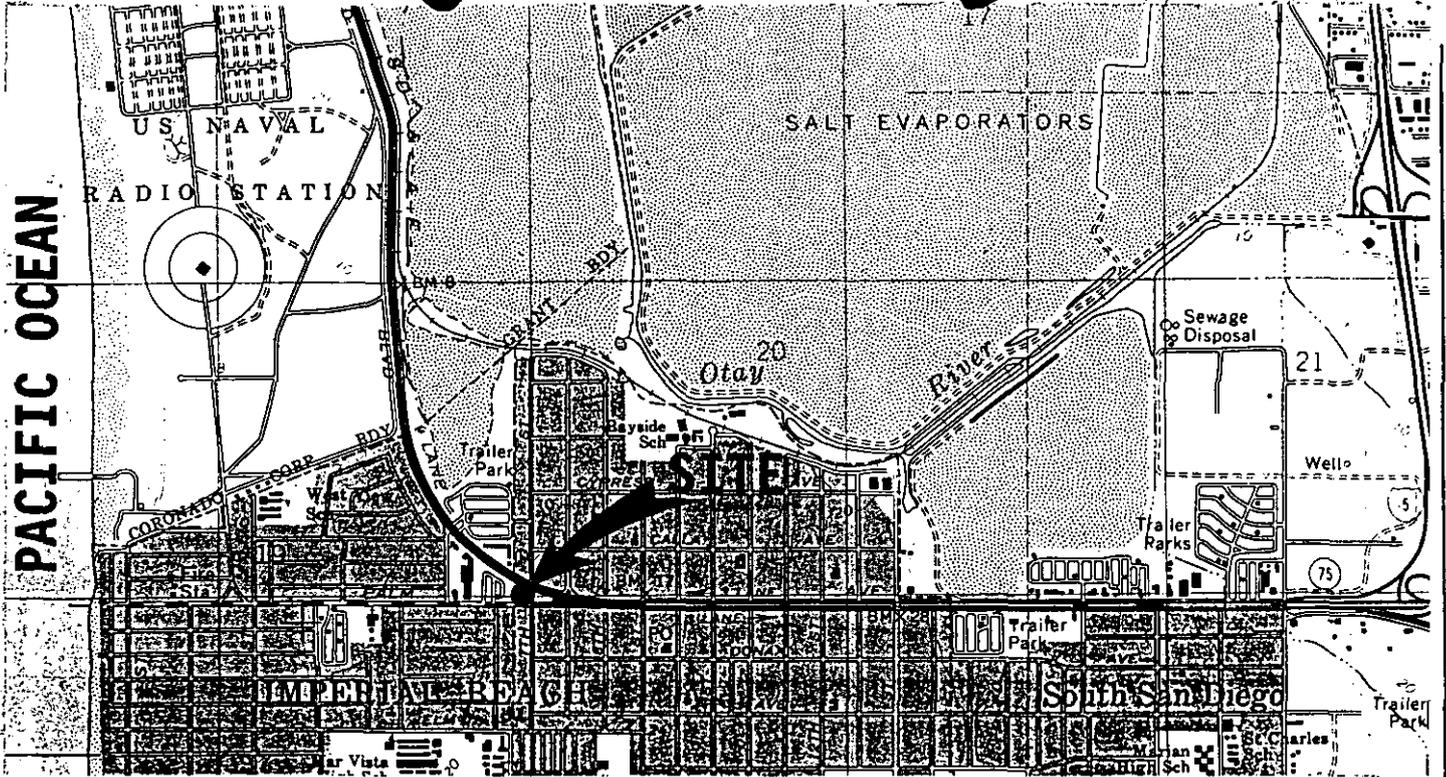
CEW would provide maintenance and monitoring of all equipment on site to provide regulatory compliance as well as reduce upset conditions. CEW could provide monthly update reports as well as quarterly status reports for Mobil's use and to meet regulatory requirements. Upon completion of the project, all acquired information, laboratory reports, field logs, and interpretations would be summarized in a final report and submitted to Mobil Oil Corporation.

It is CEW's opinion that implementation of remedial measures in conjunction with proposed reconstruction of the subject site would allow a logical and efficient method to accomplish the required level of cleanup. Potential locations for excavations and/or of wells are configured to "dove-tail" into the proposed new facility layout.

REFERENCES

1. "Monitoring and Sampling in the Unsaturated Zone," Wilson, L.G., National Water Well Association, Dublin, Ohio, 1985.
2. "Comprehensive Water Quality Control Plan for the San Diego Basin 1979 Abstract," by the State Water Resources Control Board and the California Water Quality
3. "Preliminary Environmental Site Assessment Mobil Service Station #18-FPL, 681 Highway 75, Imperial Beach, CA," by Owen Consultants. Revised and reissued October 27, 1989 and April 13, 1989.
4. "Imperial Beach Quadrangle, California - Baja California Norte, 7.5 Minute Series (Topographic)," by the United States Department of the Interior, Geological Survey,
5. "Geology of the San Diego Metropolitan Area, California, Bulletin 200," California Division of Mines and Geology, Sacramento, California, 1975.
6. "California Department of Water Resources, Bulletin No. 106-2," San Diego, California, 1966.
7. "Personal Communication with Mr. Jim Munch, California Regional Water Quality Control, San Diego Region (9).
8. "Soil Gas Survey, Mobil Service Station #18-FPL, Imperial Beach, California," by Target Environmental Services, March 1989.
9. "Domestic Water Quality And Monitoring," State of California Title 22, Chapter 15.
10. "Report On Expanded Soil And Groundwater Characterization," Converse Environmental West, April 13, 1990.

PACIFIC OCEAN



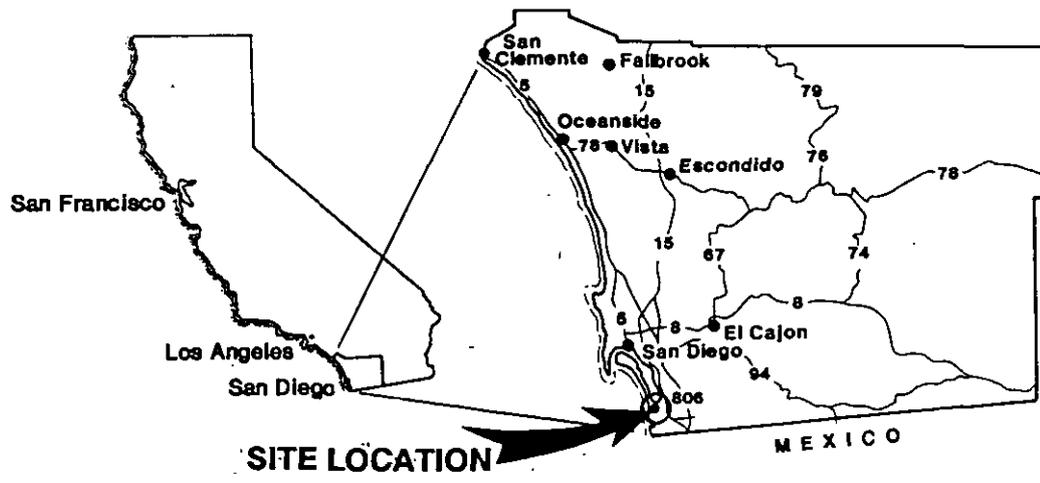
REFERENCE:

U.S.G.S. - 7.5 Minute Series, Topographic Map
Imperial Beach Quadrangle (1975)



Not to Scale

San Diego County



SITE LOCATION MAP

MOBIL OIL CORPORATION
Service Station # 18-FPL
Imperial Beach, CA

Project No.

90-82-130-01

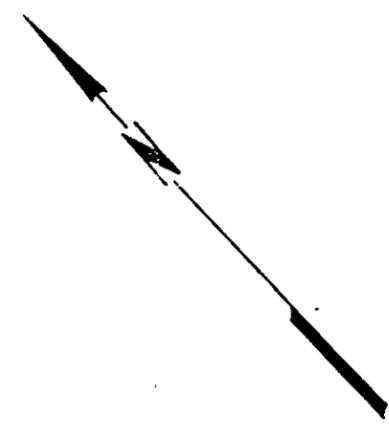
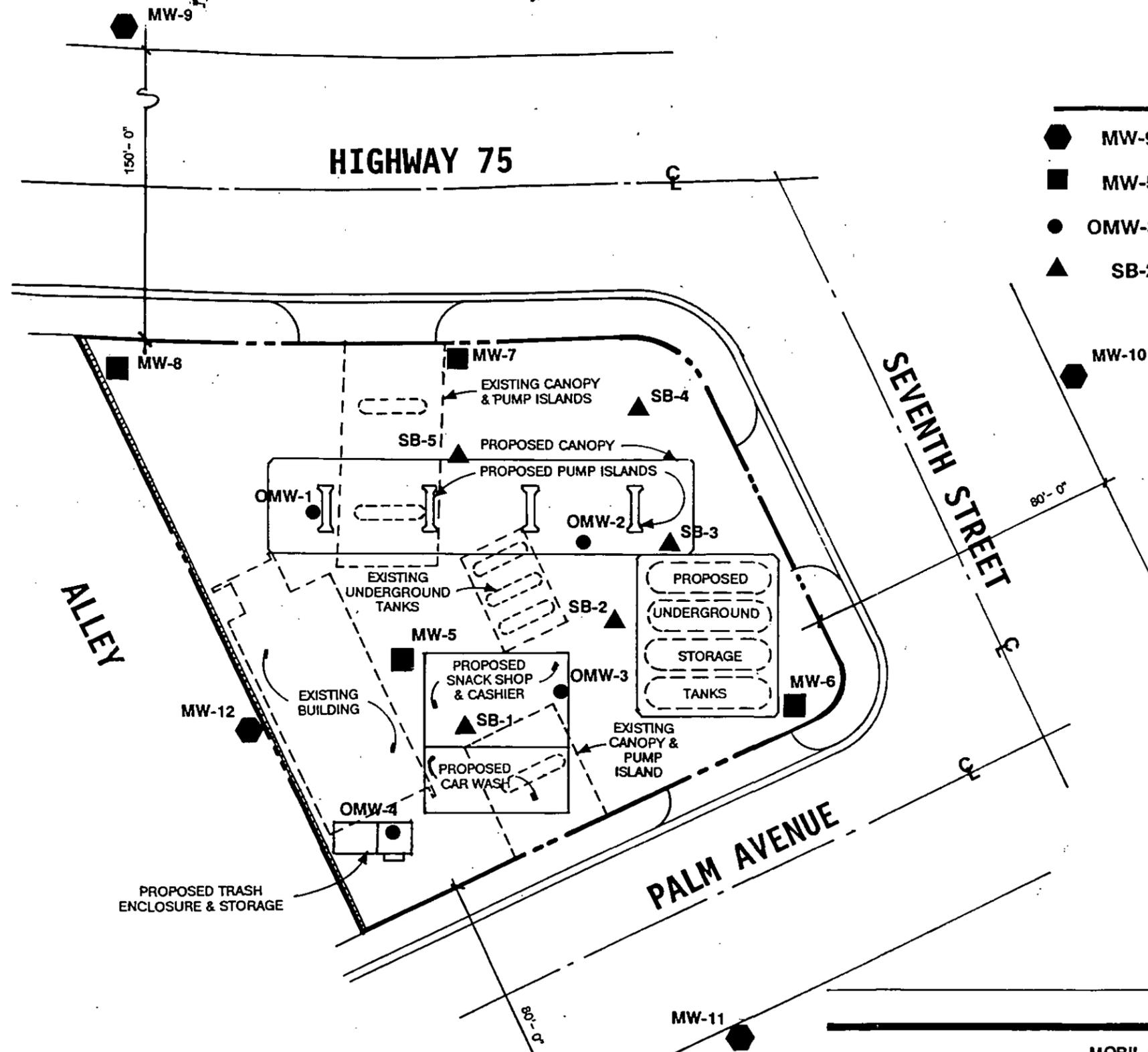
Figure No.

1



LEGEND:

-  MW-9 OPTIONAL MONITORING WELLS
-  MW-5 MONITORING WELLS INSTALLED BY CEW
-  OMW-3 MONITORING WELLS INSTALLED BY OWEN CONSULTANTS
-  SB-2 SOIL BORING COMPLETED BY CEW



PLOT PLAN

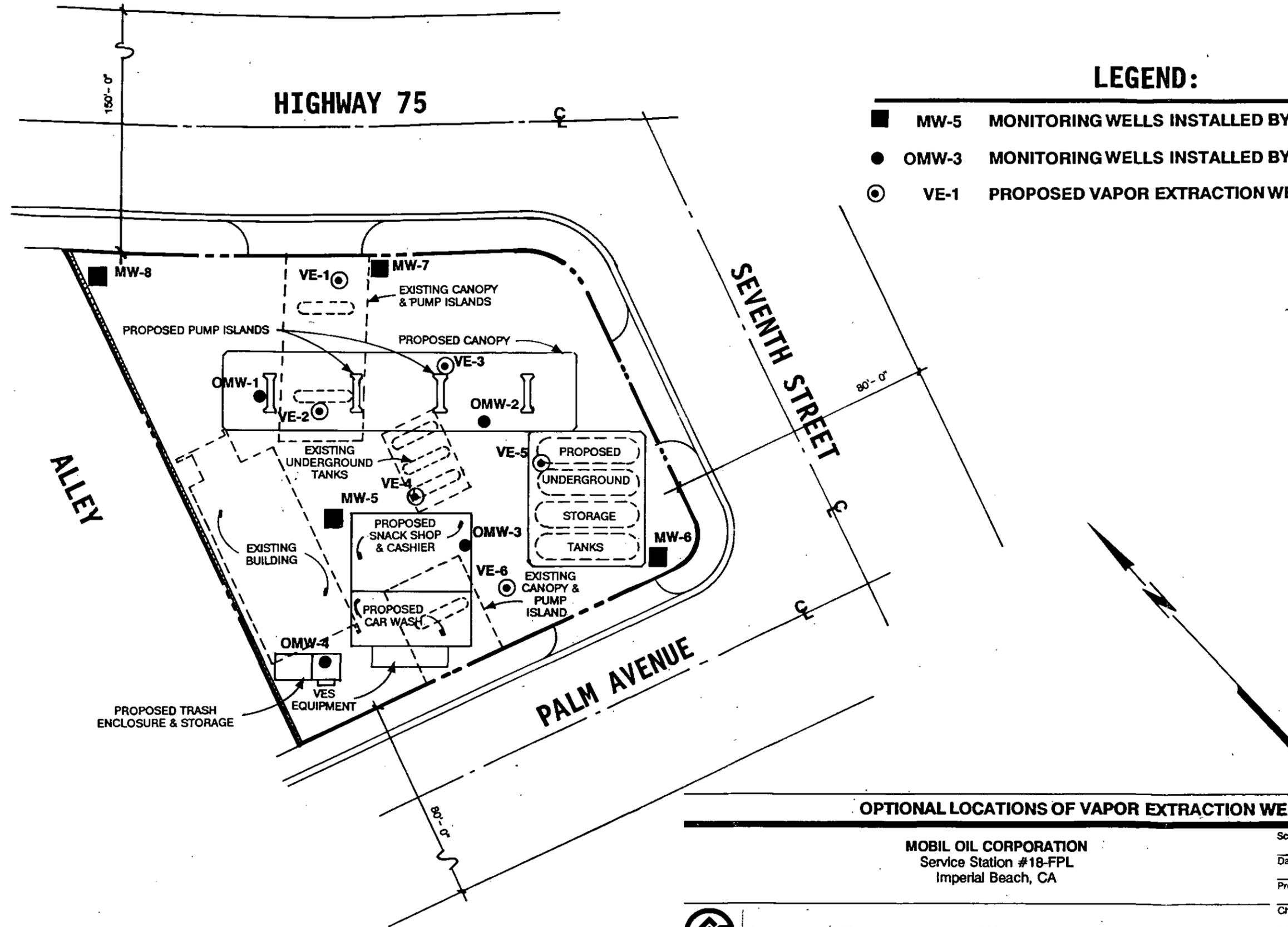
MOBIL OIL CORPORATION
 Service Station #18-FPL
 Imperial Beach, CA

Scale	1" = 30'	Project No.	90-82-130-01
Date	5-2-90	Figure No.	2
Prepared By	DR		
Checked By	RNR		
Approved By	JCB		

 Converse Environmental West

LEGEND:

- MW-5 MONITORING WELLS INSTALLED BY CEW
- OMW-3 MONITORING WELLS INSTALLED BY OWEN CONSULTANTS
- ⊙ VE-1 PROPOSED VAPOR EXTRACTION WELLS



MOBIL OIL CORPORATION
 Service Station #18-FPL
 Imperial Beach, CA

Scale	1" = 30'	Project No.	90-82-130-01
Date	5-5-90	Figure No.	3
Prepared By	DR	Checked By	RNR
Approved By	JCB		



Converse Environmental West

Mobil Oil Corporation

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

APR 20 8 07 AM '90

April 16, 1990

Mr. Donn LiPera
San Diego County DOHS - HMMD
P.O. Box 85621
San Diego, CA 92138

MOBIL OIL CORPORATION
S/S 18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA

Dear Mr. LiPera:

Enclosed for your review is the Report of Expanded Soil and Groundwater Characterization, dated April 13, 1990, for subject location.

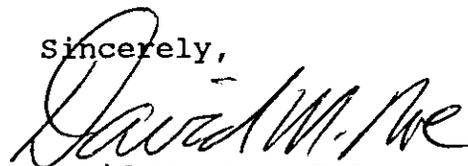
As outlined in the report, nine soil borings were drilled; four were converted into monitoring wells for a total of eight monitoring wells on-site. Near-surface soil contamination appears to be limited to the area east of the tank cavity (SB-2). The remainder of the soil contamination is within the water table zone and apparently caused by the groundwater contamination.

Based on the results of the soil investigation performed, this investigation indicates that there appears to be no immediate exposure concerns. We will, however, submit a community health and safety plan for work associated with the scheduled July 1990 rebuild.

Two well water samples, from MW-6 and MW-8, were analyzed for total dissolved solids per EPA Method 160.1. MW-6 contained 5450 ppm and MW-8 contained 3100 ppm. This site is designated as a beneficial use groundwater use area. However, these two water samples indicate levels above the Water Board's water quality objectives as stated in the Comprehensive Water Quality Control Plan for the San Diego Basin.

Additional workplans will follow under separate cover. If you have any questions, please do not hesitate to contact me at (818) 953-2519.

Sincerely,



David M. Noe, P.E.
Groundwater Projects Engineer

Mr. Donn LiPera
April 16, 1990
Page 2

DMN:st
enclosure

cc: Mr. Phil Millenbah (w/ enclosure)
City of Imperial Beach
Planning Department
825 Imperial Beach Boulevard
Imperial Beach, CA 92032

Mr. Jim Munch (w/ enclosure)
RWQCB - San Diego Region
9771 Clairemont Blvd
San Diego, CA 92124

C. D. Smith - Oceanside (w/o)
T. C. Felt - Burbank (w/o)
C. S. Hickey - Burbank (w/o)
G. A. Stumpf - Burbank (w/o)

**CONVERSE
ENVIRONMENTAL WEST**

VV HMMU VV

APR 20 8 08 AM '90

8820 Production Avenue
San Diego, California 92121

Telephone 619 578-3211
FAX 619 578-6342



**REPORT ON EXPANDED SOIL
AND GROUNDWATER CHARACTERIZATION**

**MOBIL SERVICE STATION
18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA**

**A.P.N.# 626-250-12
SAN DIEGO COUNTY HAZARDOUS MATERIALS
MANAGEMENT DIVISION CONTROL# H05459 (T1392)**

PREPARED FOR:

**MOBIL OIL CORPORATION
3142 VISTA WAY, SUITE 400
OCEANSIDE, CALIFORNIA 92056-3608**

CEW Project No. 90-82-108-01

April 13, 1990



Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, California 92056-3608

Attention: Mr. Chuck Smith

Subject: REPORT ON EXPANDED SOIL AND GROUNDWATER
CHARACTERIZATION
Mobil Oil Service Station #18-FPL
681 Highway 75
Imperial Beach, California
CEW Project No. 90-82-108-01

Dear Chuck:

We are pleased to present our Report of Expanded Soil and Groundwater Characterization at the Mobil Oil service station #18-FPL located in Imperial Beach, California.

Please call if you have any questions or need additional information.

Respectfully Submitted,
CONVERSE ENVIRONMENTAL WEST

Rod Reeve
Senior Geologist

Jon C. Bruton
Principal Engineer

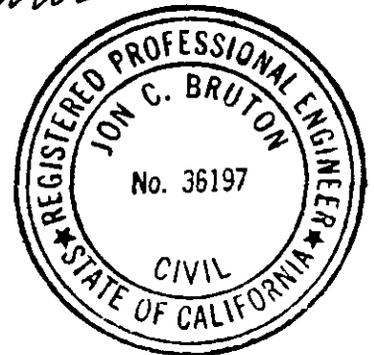


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3	Summary of Analytical Results for Groundwater Samples, March 28, 1990 (TFH, BTEX)
4	Total Dissolved Solids in Water, March 28, 1990
5	Summary of Analytical Results for Groundwater Samples, March 28, 1990 (Halogenated Volatile Organics)
6	Summary of Analytical Results for Soil Samples March 20 and 21, 1990 (TFH)

SUMMARY

This report presents the findings of our expanded soil and groundwater characterization performed at Mobil Oil Service Station #18-FPL located at 681 Highway 75 in Imperial Beach, California. This characterization included soil borings, soil sampling, installation of monitoring wells and water sampling.

Prior to initiating drilling on-site, water samples were collected from monitoring wells that were installed by Owen Consultants during March 1989. The purpose of this sampling was to aid in locating CEW's proposed monitoring wells. Water samples were obtained from OMW-1, OMW-3, and OMW-4. Attempts were made to obtain a water sample from OMW-2 however, this could not be completed due to the inability to get a standard bailer deeper than approximately 15 feet below the ground surface in OMW-2. A sample of the groundwater from this well was obtained on March 28, 1990 using a smaller bailer. Laboratory results for Total Fuel Hydrocarbons (TFH) and benzene, toluene, ethylbenzene and total xylenes (BTEX) indicated detectable levels for each of the wells sampled. Benzene ranged from 2,600 $\mu\text{g/l}$ to less than detection levels. Total fuel hydrocarbons ranged from 11,000 $\mu\text{g/l}$ to 150 $\mu\text{g/l}$. Table 1 itemizes the test results obtained by Analytical Technologies Inc. (ATI), for this sampling event.

A total of nine borings were drilled on March 20 and 21, 1990 (Figure 2 shows locations). Groundwater was encountered in all borings except SB-4 at approximately 24 feet below ground surface (bgs). SB-4 was terminated at 19.5 feet bgs. Four of these borings were completed as groundwater monitoring wells. Soil samples were obtained from each boring at five foot intervals. All samples were field screened using a photoionization detector (MicroTip II), to designate samples to be analyzed by Analytical Technologies Incorporated's mobile laboratory which was on site during drilling operations. A total of seventeen soil samples were analyzed by modified EPA test method 8015 and 8020 for gasoline during the drilling operations. The analytes of these tests are TFH and BTEX, respectively.

Soil samples from three different borings, SB-3, SB-5, and MW-7, each approximately 24 feet below the ground surface indicated TFH concentrations of 1,300 mg/kg, 3,900 mg/kg, and 3,900 mg/kg, respectively. Two other soil borings indicated detectable levels of TFH also, but in lower concentrations. Table 2 lists the test results of the soil samples in entirety. Cross sections showing lithology and TFH concentrations are presented on Figures 5, 6, and 7. BTEX concentrations above detection levels were also noted for these same soil samples. The highest level noted for benzene in any of the soil samples was 15 mg/kg.

After installation and development of the four monitoring wells installed by CEW, water samples were collected from each of these wells, and from OMW-2, and analyzed for the same constituents as discussed above. Prior to sampling, each monitoring well was checked for free product and water levels were measured. Figure 3 shows groundwater gradient which appears to be in a northwest direction. This was accomplished using an ORS oil/water interface probe. No free product was noted in any of the wells. Test

results ranged from less than detection levels to 46,000 $\mu\text{g/l}$ for TFH. Figure 4 presents a concentration map of TFH in water. The highest level of benzene noted was 990 $\mu\text{g/l}$. Test results for this water sampling event are presented in Table 3. Two samples, one each from MW-6 and MW-8, were analyzed for Total Dissolved Solids (TDS) by EPA test method 160.1. These results are presented in Table 4 and were 3,100 and 5,450 mg/l, respectively.

Water samples from OMW-3, OMW-4, MW-7, and MW-8 were analyzed for Halogenated Volatile Organics using EPA test method 8010. Tetrachloroethene (PCE) was noted in concentrations ranging from 21 $\mu\text{g/l}$ to less than detection levels of 0.20 $\mu\text{g/l}$. Levels for PCE above detection limits were restricted to the western portion of the site. Table 5 presents a summary of the laboratory test results. Thirteen additional soil samples were also analyzed at a later date for TFH to further delineate potential soil contamination in the unsaturated zone. Test results for these additional soil samples analyzed were below the detection level of 5.0 mg/kg with the exception of SB-2 at a depth of 4-5 feet bgs which was 1,300 mg/kg. Although these soil samples and the water samples analyzed for Halogenated Volatile Organics were analyzed approximately four days after expiration of the EPA recommended holding time of fourteen days, it is felt that the test results remain valid. Approximately two years ago, the EPA performed a study and presented the results of it at a seminar in Washington DC. This presentation indicated negligible losses of volatiles, if appropriate sampling and handling procedures were performed, for holding periods of time up to a month prior to analysis.

1.0 INTRODUCTION

The subject site is the Mobil Oil service station #18-FPL located at 681 Highway 75 in Imperial Beach, California. Figure 1 shows the general vicinity of the project and Figure 2 is a site plan showing existing conditions.

The site is bounded on the west by a mobile home court and a laundry center near the southwest corner; to the north by Highway 75; Seventh Street to the east and Palm Avenue on the south. Across Highway 75 to the north is a motel, and several fast food restaurants. To the east of Seventh Street is a triangular landscaped area. A dental office is located south of Palm Avenue. The site slopes slightly to the south-southwest. Approximately 1/2-mile to the north and east, the Otay River discharges into diked salt evaporative tide flats of San Diego Bay. To the west approximately 1-mile, is the Pacific Ocean.

1.1 Background Information

In late January 1990, Converse Environmental West (CEW) was requested by Mobil Oil Corporation to review previous work performed at the subject site by Owen Consultants. Based on review of this data, the subject site appeared to be impacted by petroleum hydrocarbons from underground gasoline storage tank systems. Soil and groundwater contamination (dissolved phase) had been identified. The site is presently an active service station.

It is understood that approximately 3-1/2 years ago the fuel tanks in the central portion of the site were replaced. Conversations with the station manager indicate the new fuel storage tanks were placed in the same excavation from which the old tanks were removed. Approximately one year later the small waste oil tank (approximately 250 gallons) was removed from the area immediately west of the fuel storage tanks and a 1000 gallon waste oil tank was placed underground near the south end of the existing building (Figure 2).

Geotechnical explorations performed by Owen Consultants in August 1988 indicated elevated hydrocarbon levels in soil samples above 19.5 feet below ground surface at which depth the borings were terminated.

In March 1989 Owen Consultants installed groundwater monitoring wells at the subject site. San Diego County Hazardous Materials Management Division has on file, record of the subject site dated May 1989. The site also appears on the Regional Water Quality Control Board's Underground Tank List, and Office of Planning and Research Hazardous Waste and Substances Sites List for San Diego County.

During March 1990, Target Environmental Services performed a soil gas survey for Mobil Oil Corporation at the site. The purpose of this survey was to assist in determining extent of subsurface contamination. In addition to hydrocarbon and non-halogenated solvent analysis, analysis was performed for chlorinated hydrocarbons. One sample, from the

southwest corner of the site, was analyzed for the chlorinated hydrocarbon, tetrachloroethene (PCE) using gas chromatography/electron capture detection (GC/ECD) methods which indicated detectable levels of PCE. Target Environmental Services indicated the possibility of PCE at other sampling points west of the pump islands but no quantitative data were presented.

2.0 SCOPE OF WORK

The scope of work completed for this project consisted of the following tasks to further delineate the soil and groundwater contamination at the subject site.

- ◊ Task 1: Sample Groundwater Monitoring Wells
- ◊ Task 2: Complete Soil Borings
- ◊ Task 3: Install Groundwater Monitoring Wells.
- ◊ Task 4: Survey Monitoring Wells
- ◊ Task 5: Develop and Sample Monitoring Wells
- ◊ Task 6: Disposal of Soil and Development Water
(to be addressed in the future under separate cover)
- ◊ Task 7: Laboratory Analysis
- ◊ Task 8: Report of Findings
- ◊ Task 9: Project Management and Review of HMMD Documents

3.0 GEOLOGY

The site is located on a Pleistocene terrace. Shallow subsurface materials consist of alluvial and marine sediments generally covered by a shallow thickness of fill material (less than 9 feet). Fill materials encountered during drilling operations consisted of clayey silt and silt. Alluvial and marine sediments ranged from silt to fine to medium sand with scattered fine gravel, and are reported to overlie marine sandstone. The sandstone was not encountered during drilling. Appendix A presents the field procedures, and Appendix B presents the logs for each of the borings completed by CEW.

The City of Imperial Beach benchmark, located to the east and slightly south of the site, was used as a basis to determine the elevation of all monitoring wells. This datum is reported by the City of Imperial Beach to be at elevation 25.095 feet above mean sea

level. Top of casing elevations range from approximately 23.5 to 24.9 feet above mean sea level. Figure 2 presents a Table of Elevations for top of casing as well as measured groundwater elevations.

4.0 GROUNDWATER

The site lies within the Otay Valley Hydrographic Area which is within the Otay Hydrologic Unit. This area has been classified by the San Diego Region of California Regional Water Quality Control Board (RWQCB) as being a beneficial groundwater use area for municipal/domestic supply and agricultural supply. However, according to RWQCB, this area does not meet criteria for these classifications. This area also is classified as a beneficial groundwater use area for industrial service supply. Two water samples were analyzed by Analytical Technologies, Inc. for Total Dissolved Solids (TDS) using EPA test method number 160.1. The test results indicate 3100 and 5450 mg/l, TDS. Test results are presented in Table 4. According to RWQCB, water quality objectives for groundwater for this area with respect to TDS are 1000 mg/l. It is also noted that detailed salt balance studies are recommended.

Groundwater gradient appears to be toward the northwest at approximately 0.006 based on groundwater level measurements taken in all of the monitoring wells on-site. A groundwater gradient map is presented on Figure 3. Groundwater was encountered in each of the borings at an approximate depth of 24 feet below ground surface (bgs) at the time of drilling with the exception of SB-4 which was terminated at 19.5 feet bgs.

During development and sampling procedures, groundwater levels in the monitoring wells fluctuated only slightly with the exception of MW-6 which was purged to dryness. Recharge appears to be rapid in all wells but MW-6.

5.0 LABORATORY TEST RESULTS

Analytical Technologies Incorporated (ATI) performed all laboratory testing for this project. Both soil and groundwater samples were analyzed for; TFH (Modified 8015); and BTEX (method 8020). Additionally two water samples, one from MW-6 and one from MW-8 were analyzed for Total Dissolved Solids using EPA test method number 160.1. The test results for soil and groundwater analyses are presented in Tables 1 through 6. Groundwater samples from OMW-3, OMW-4, MW-5, MW-7, and MW-8 were analyzed for PCE using EPA method 8010 (Halogenated Volatile Organics). Results of these tests are presented in Table 5. Thirteen additional soil samples were submitted for analysis at a later time for TFH (Table 6). Although these soil samples and the water samples analyzed for Halogenated Volatile Organics were analyzed approximately four days after expiration of the EPA recommended holding time of fourteen days, it is felt that the test results remain valid. Approximately two years ago, the EPA performed a study and presented the results of it at a seminar in Washington DC. This presentation indicated negligible losses of volatiles, if appropriate sampling and handling procedures were performed, for holding periods of time up to a month prior to analysis.

} CAN WE GET A COPY ?

6.0 DISCUSSION

Based on review of existing data and completion of CEW's expanded soil and ground-water characterization of the subject site, it appears that the subsurface has been impacted by hydrocarbons. Soil contamination appears to be restricted in the unsaturated zone in the area near SB-2. The soil gas study performed by Target Environmental Services indicated potential soil contamination as far north as the northern pump island. The highest concentration of hydrocarbon contamination in the soils appears to be at the capillary zone which is bracketed by MW-7 to the north, SB-3 to the east and south and SB-5 to the west.

SOIL
CONTAM.

Water samples indicate TFH concentrations ranging from 0.15 to 46 mg/l. Monitoring wells MW-7 and OMW-2 showed the highest concentration of TFH which was 42 and 46 mg/l (Figure 3). The highest levels noted for BTEX were in OMW-1, OMW-2, and MW-7. All monitoring wells except MW-8 indicated hydrocarbon above detection levels. It is not known from this phase of work if a dissolved phase of hydrocarbon contamination continues off-site in the subsurface or not. Water levels measured on March 28, 1990, showed that the groundwater gradient was to the northwest at approximately 0.006. Since the gradient is very flat, tides may have an influence on the groundwater gradient. Further study would be required to verify this possibility.

YES

Typically, within areas designated as beneficial groundwater use areas, clean-up levels for soil have been 100 mg/kg. In areas designated non beneficial groundwater use, levels for soil clean-up have been 1000 mg/kg. Groundwater clean-up levels in areas of beneficial use are essentially tied to drinking water standards. In non beneficial use areas, each case is handled on a site by site basis. The two water samples analyzed for TDS indicated levels above the RWQCB's water quality objectives stated in the Comprehensive Water Quality Control Plan For the San Diego Basin. This appears to verify RWQCB's statement that the "water quality does not meet criteria for municipal and either, agricultural irrigation, or livestock watering." These test results may be considered in future evaluations of the site.

Water analysis for halogenated volatile organics indicated PCE and low levels of other volatiles. These additional compounds may be the result of an original low grade solvent. The PCE was noted only in the western portion of the site. The highest concentration was noted at OMW-4 in the southwest corner of the site. This is near the location of the laundry that borders the site to the southwest. The underground waste oil tank currently occupying an area just east of OMW-4 has been in the ground for approximately 2-1/2 years. Based on the age of the tank, the potential for leaking may be reduced. Prior to being moved, the tank was located slightly to the west of the existing tank cluster. If the waste oil tank had leaked in this location, MW-5 should show higher levels than those noted for PCE.

OR
BUDGES.

Maximum contaminant levels (MCL's) of 1,2 dichloroethane for drinking water is $0.5 \mu\text{g}/\text{l}$. The MCL for trichloroethene and tetrachloroethene is $5.0 \mu\text{g}/\text{l}$ in drinking water. These levels are for drinking water as listed in Title 22, Chapter 15, Article 5.5. Clean up levels for the groundwater beneath the subject site are not known at this time but are anticipated to be somewhat less stringent than the drinking water MCL's.

7.0 DISCLAIMER

This report has been prepared for the exclusive use of Mobil Oil Corporation as it pertains to the property located at 681 Highway 75, Imperial Beach, California. Our services have been performed in accordance with applicable county ordinances and generally accepted practices in the geosciences. No other warranty, either express or implied, is made.

Converse Environmental West is not responsible or liable for any claims or damages associated with interpretation of available information. This report should not be regarded as a guarantee that no further contamination, beyond that which was detected in our investigation, is present beneath the property. In the event that changes in the nature of the property occur or additional relevant information about the property is brought to our attention, the conclusions and recommendations contained in this report may not be valid unless these changes and additional relevant information are reviewed and the conclusions of this report are modified or verified in writing.

TABLES

TABLE 1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

March 19, 1990

($\mu\text{g/l}$)

SAMPLE No.	EPA METHOD 8015M ¹ TOTAL PETROLEUM HYDROCARBONS	EPA METHOD 8020			TOTAL XYLENES ³
		BENZENE ²	TOLUENE ²	ETHYL BENZENE ²	
OMW-1	10,000	2600	75	1000	54
OMW-3	11,000	160	350	850	680
OMW-4	150	ND	1.3	5.6	8.4
TRIP BLANK	ND	ND	ND	ND	ND

ND = Not Detected

1 detection limit = 50 $\mu\text{g/l}$

2 detection limit = 0.50 $\mu\text{g/l}$

3 detection limit = 1.0 $\mu\text{g/l}$

90-82-108-01

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

March 20 and 21, 1990

(mg/kg)

SAMPLE No.	SAMPLE DEPTH (ft.)	EPA METHOD 8015M ¹ TOTAL FUEL HYDROCARBONS	EPA METHOD 8020			TOTAL XYLENES ³
			BENZENE ²	TOLUENE ²	ETHYL BENZENE ²	
MW-5 S-3	14.0 - 15.0	ND	ND	ND	ND	ND
MW-5 S-4	19.0 - 20.0	ND	ND	ND	ND	ND
MW-6 S-4	19.0 - 20.0	ND	ND	ND	ND	ND
MW-6 S-5	24.0 - 25.0	ND	ND	ND	ND	ND
MW-7 S-4	19.0 - 20.0	ND	ND	ND	ND	ND
MW-7 S-5	24.0 - 25.0	3900	11	120	29	15
MW-8 S-5	24.0 - 25.0	ND	ND	ND	ND	ND
SB-1 S-5	24.0 - 25.0	14	0.06	0.58	0.31	0.77
SB-2 S-2	9.0 - 10.0	420	<2.0	<2.0	4.0	51
SB-2 S-4	19.0 - 20.0	130	<0.2	0.62	0.70	16
SB-2 S-5	24.0 - 25.0	8.9	0.06	0.77	0.17	0.42
SB-3 S-2	9.0 - 10.0	ND	ND	ND	ND	ND
SB-3 S-4	19.0 - 20.0	ND	ND	ND	ND	0.2
SB-3 S-5	24.0 - 25.0	1300	11	85	55	210
SB-4 S-4	18.5 - 19.5	ND	ND	ND	ND	ND
SB-5 S-4	19.0 - 20.0	ND	ND	0.19	ND	0.24
SB-5 S-5	24.0 - 25.0	3900	15	80	49	200

ND = Not Detected

- 1 detection limit = 5.0 mg/kg
- 2 detection limit = 0.05 mg/kg
- 3 detection limit = 0.1 mg/kg

90-82-108-01

TABLE 3

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

March 28, 1990

($\mu\text{g/l}$)

SAMPLE No.	EPA METHOD 8015M ¹ TOTAL PETROLEUM HYDROCARBONS	EPA METHOD 8020			TOTAL XYLENES ³
		BENZENE ²	TOLUENE ²	ETHYL BENZENE ²	
MW-5	3200	26	19	51	170
MW-6	29,000	< 100.0*	860	1200	7200
MW-7	42,000	990	6200	1800	8500
MW-8	ND	ND	ND	ND	ND
OMW-2	46,000	< 62.5*	8900	1800	5500

ND = Not Detected

1 detection limit = 50 $\mu\text{g/l}$

2 detection limit = 0.50 $\mu\text{g/l}$

3 detection limit = 1.0 $\mu\text{g/l}$

* Due to dilution, confidence is reduced to noted detection levels.

90-82-108-01

TABLE 4

TOTAL DISSOLVED SOLIDS IN WATER

March 28, 1990

($\mu\text{g/l}$)

SAMPLE No.	EPA METHOD 160.1 TOTAL DISSOLVED SOLIDS
MW-6	3100
MW-8	5450

90-82-108-01

TABLE 5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES*

March 28, 1990

($\mu\text{g/l}$)

HALOGENATED VOLATILE ORGANICS EPA METHOD 8010	OMW-3	OMW-4	MW-5	MW-7**	MW-8
BROMODICHLOROMETHANE ¹	ND	ND	0.82	ND	ND
BROMOFORM ¹	ND	ND	ND	ND	2.7
BROMOMETHANE ¹	ND	ND	ND	ND	ND
CARBON TETRACHLORIDE ¹	ND	ND	ND	ND	ND
CHLOROBENZENE ²	ND	ND	ND	ND	ND
CHLOROETHANE ¹	ND	ND	ND	ND	ND
CHLOROFORM ¹	ND	0.36	0.83	ND	ND
CHLOROMETHANE ¹	ND	ND	ND	ND	ND
DIBROMOCHLOROMETHANE ¹	ND	1.8	0.96	ND	1.0
1,2-DICHLOROBENZENE ²	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE ²	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE ²	ND	ND	ND	ND	ND
DICHLORDIFLUOROMETHANE ¹	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE ¹	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE ¹	1.2	0.50	ND	39	1.9
1,1-DICHLOROETHENE ¹	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE (TOTAL) ¹	ND	ND	ND	ND	ND
1,2-DICHLOROPROPANE ¹	ND	ND	ND	ND	ND
CIS-1,3-DICHLOROPROPENE ¹	ND	ND	ND	ND	ND
TRANS-1,3-DICHLOROPROPENE ¹	ND	ND	ND	ND	ND
METHYLENE CHLORIDE ¹	4.0	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE ¹	ND	ND	ND	ND	ND
TETRACHLOROETHENE ¹	ND	21	1.6	ND	6.2
1,1,1-TRICHLOROETHANE ¹	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE ¹	ND	ND	ND	ND	ND
TRICHLOROETHENE ¹	ND	3.2	ND	ND	ND
TRICHLOROFLUOMETHANE ³	ND	ND	ND	ND	ND
VINYL CHLORIDE ¹	ND	ND	ND	ND	ND

ND = Not Detected

1 detection limit = 0.20 $\mu\text{g/l}$ 2 detection limit = 0.50 $\mu\text{g/l}$ 3 detection limit = 2.0 $\mu\text{g/l}$

* Analysis was performed after expiration of recommended holding time.

** Due to dilution, confidence is reduced to detection levels shown in Appendix C.

90-82-108-01

TABLE 6
SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES*

March 20 and 21, 1990

(mg/kg)

SAMPLE No.	SAMPLE DEPTH (ft.)	<u>EPA METHOD 8015 (M)</u> TOTAL FUEL HYDROCARBONS
SB-1, S-1	4' - 5'	ND
SB-1, S-2	9' - 10'	ND
SB-1, S-4	19' - 20'	ND
SB-2, S-1	4' - 5'	1300
SB-3, S-1	4' - 5'	ND
SB-4, S-2	10' - 11'	ND
SB-5, S-1	4' - 5'	ND
MW-5, S-1	4' - 5'	ND
MW-5, S-2	9' - 10'	ND
MW-6, S-2	9' - 10'	ND
MW-7, S-2	9' - 10'	ND
MW-8, S-2	9' - 10'	ND

ND = Not Detected

- 1 detection limit = 5.0 mg/kg
- 2 detection limit = 0.05 mg/kg
- 3 detection limit = 0.1 mg/kg

* Analysis was performed after expiration of recommended holding time.

REFERENCES

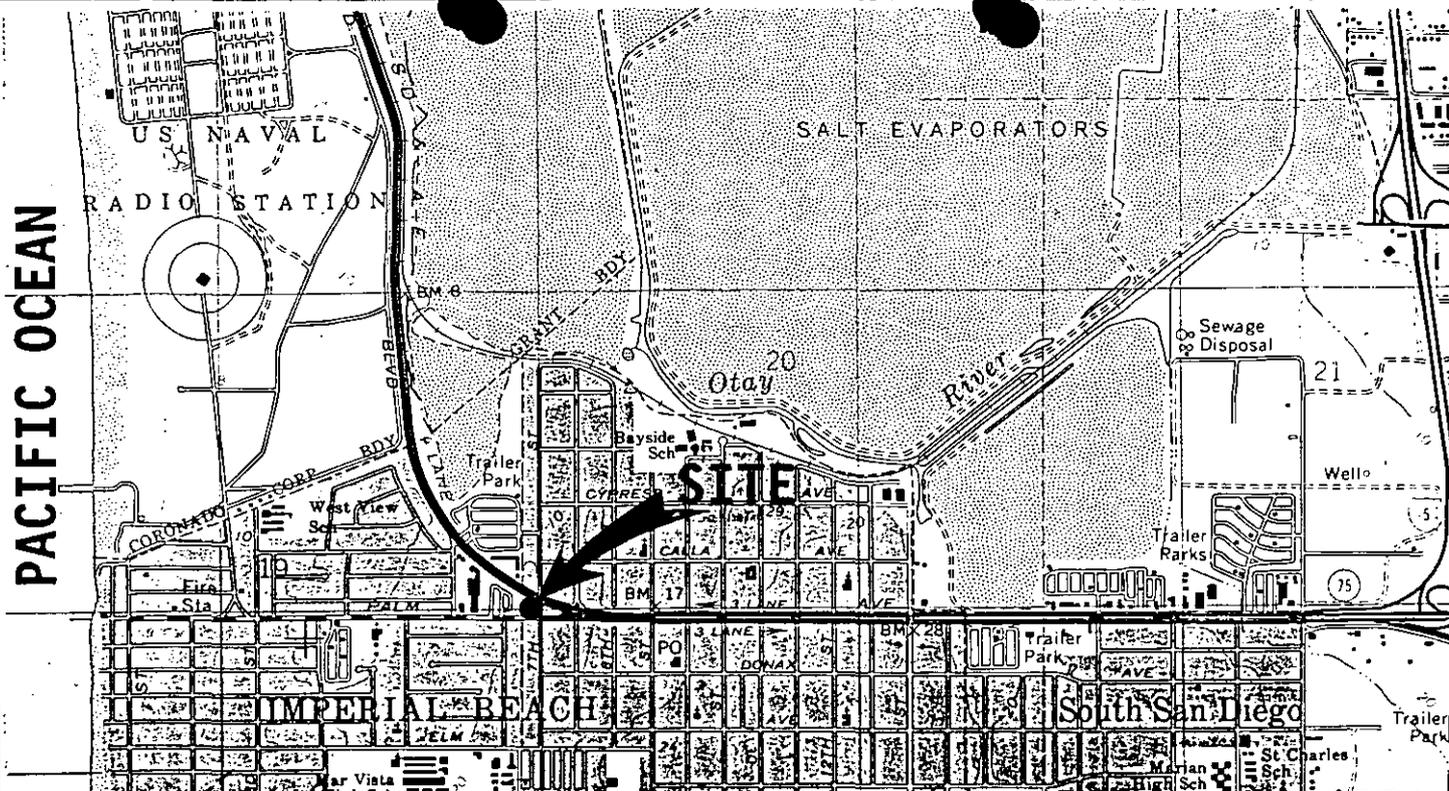
REFERENCES

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2. "Comprehensive Water Quality Control Plan for the San Diego Basin 1979 Abstract," by the State Water Resources Control Board and the California Water Quality Control Board, San Diego Region, July 1975.
3. "Preliminary Environmental Site Assessment Mobil Service Station #18-FPL, 681 Highway 75, Imperial Beach, CA," by Owen Consultants. Revised and reissued October 27, 1989 from April 13, 1989.
4. "Imperial Beach Quadrangle, California - Baja California Norte, 7.5 Minute Series (Topographic)," by the United States Department of the Interior, Geological Survey, dated 1967 (Photorevised 1975).
5. "Geology of the San Diego Metropolitan Area, California, Bulletin 200," California Division of Mines and Geology, Sacramento, California, 1975.
6. "California Department of Water Resources, Bulletin No. 106-2," San Diego, California, 1966.
7. Personal Communication with Mr. Jim Munch, California Regional Water Quality Control, San Diego Region (9).
8. "Soil Gas Survey, Mobil Service Station #18-FPL, Imperial Beach, California," by Target Environmental Services, March 1989.
9. "Domestic Water Quality And Monitoring," State of California Title 22, Chapter 15.

90-82-108-01

FIGURES

PACIFIC OCEAN



H0549 681 HWY 75 I.B.

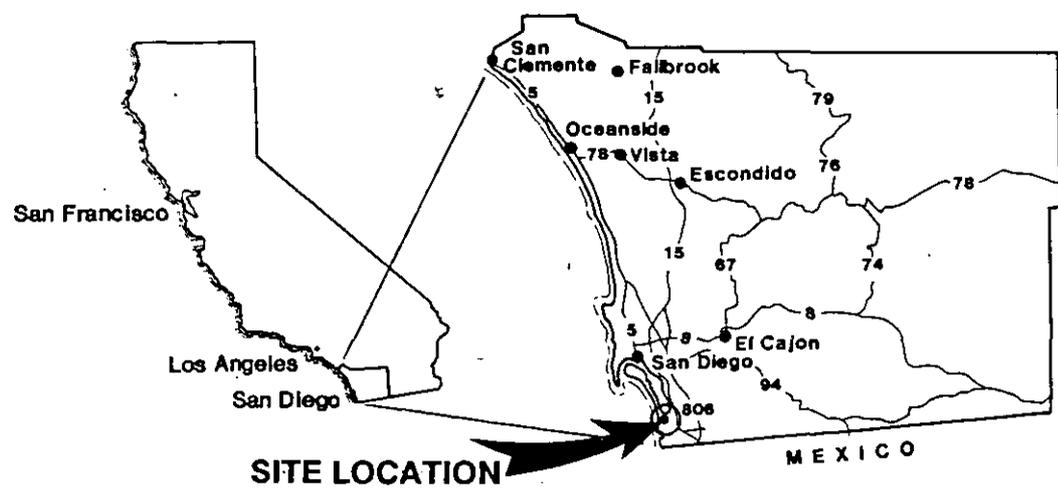


Not to Scale

REFERENCE:

U.S.G.S. - 7.5 Minute Series, Topographic Map
Imperial Beach Quadrangle (1975)

San Diego County



SITE LOCATION MAP

MOBIL OIL CORPORATION
Service Station # 18-FPL
Imperial Beach, CA

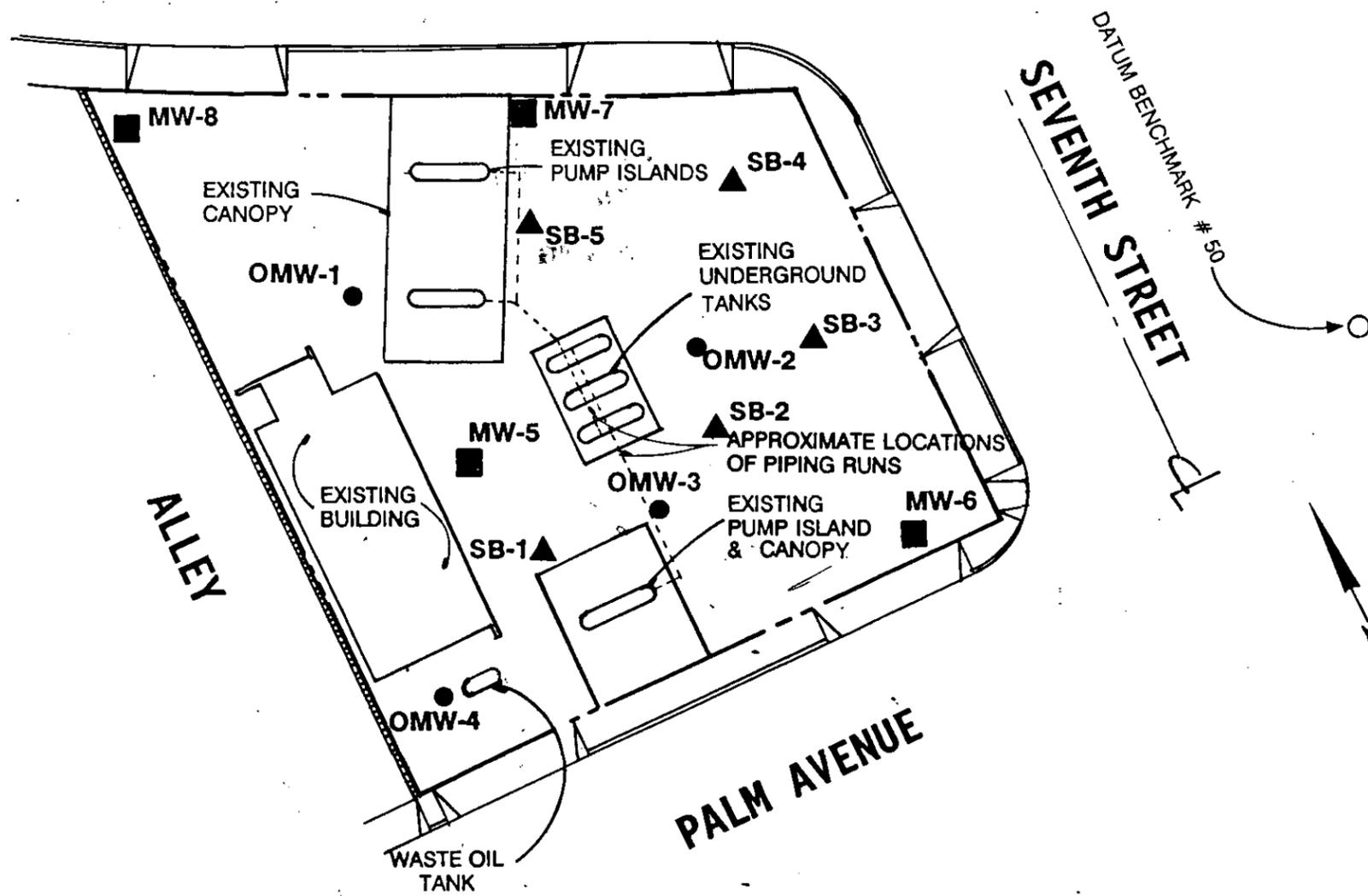
Project No.
90-82-108-01

Figure No.
1



Approved for publication by

HIGHWAY 75



LEGEND:

- MW-5 MONITORING WELL INSTALLED BY CEW
- OMW-3 MONITORING WELL INSTALLED BY OWEN CONSULTANTS
- ▲ SB-2 SOIL BORING COMPLETED BY CEW
- APPROXIMATE LOCATION OF CITY OF IMPERIAL BEACH DATUM BENCHMARK #50

APPROXIMATE SCALE: 1" = 30'

SITE PLAN

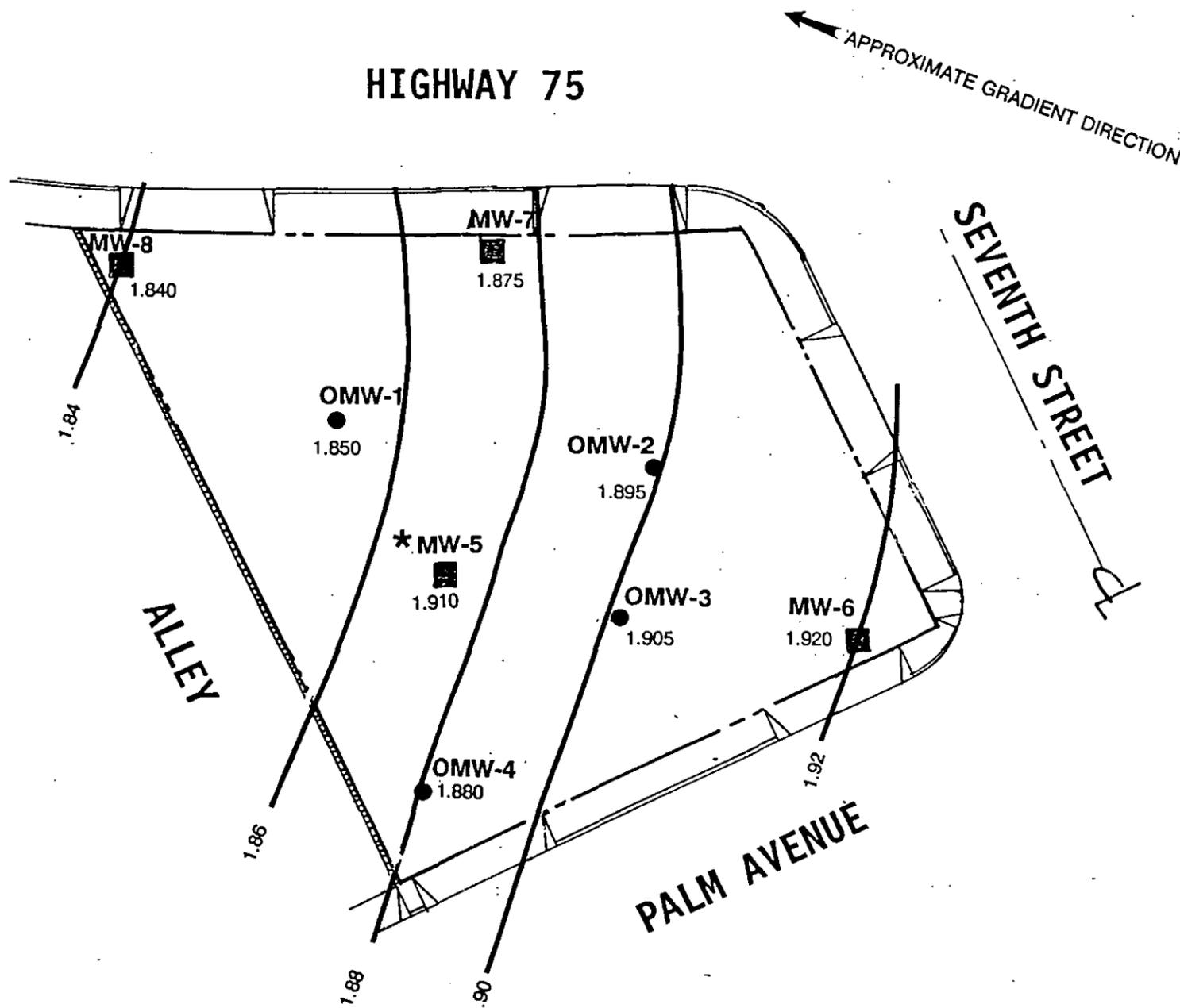
MOBIL OIL CORPORATION
 Service Station #18-FPL
 Imperial Beach, CA

Scale	AS SHOWN	Project No.	90-82-108-01
Date	4-10-90		
Prepared By	DR	Drawing No.	2
Checked By	DDH		
Approved By	RNR		



TABLE OF ELEVATIONS

	OMW-1	OMW-2	OMW-3	OMW-4	MW-5	MW-6	MW-7	MW-8
TOP CASING ELEVATION	24.080	24.220	23.555	23.490	24.120	23.690	24.925	24.750
GROUNDWATER ELEVATION (MSL)	1.850	1.895	1.905	1.880	1.910	1.920	1.875	1.840



LEGEND:

- MW-5 MONITORING WELL INSTALLED BY CEW
- OMW-3 MONITORING WELL INSTALLED BY OWEN CONSULTANTS
- APPROXIMATE LOCATION OF CITY OF IMPERIAL BEACH DATUM BENCHMARK #50
- 1.86- WATER GRADIENT CONTOUR LINE, ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL)

APPROXIMATE SCALE: 1" = 30'

CONTOUR INTERVAL 0.02 FEET

GROUNDWATER GRADIENT MAP

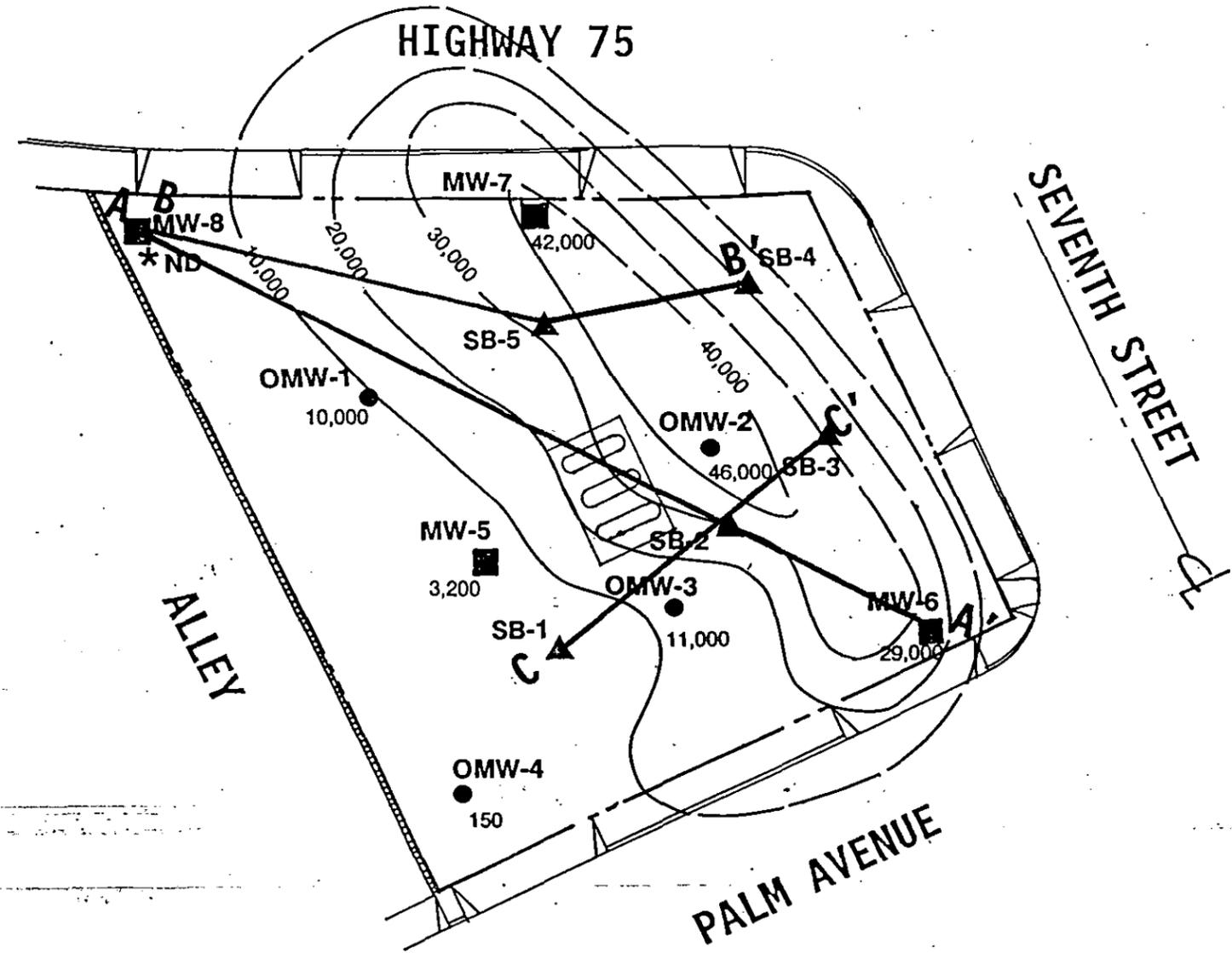
*MW-5 WATER LEVEL READING IS QUESTIONABLE AND SUBJECT TO VERIFICATION BY FUTURE MONITORING

MOBIL OIL CORPORATION
Service Station #18-FPL
Imperial Beach, CA

Scale	AS SHOWN	Project No.
Date	4-10-90	90-82-108-01
Prepared By	DR	Drawing No.
Checked By	DDH	
Approved By	RNR	

Converse Environmental West

1) PLOT BTX E
 2) PLOT SOIL CONE



LEGEND:

- MW-5 MONITORING WELL INSTALLED BY CEW
- OMW-3 MONITORING WELL INSTALLED BY OWEN CONSULTANTS
- ▲ SB-1 SOIL BORING COMPLETED BY CEW
- APPROXIMATE LOCATION OF CITY OF IMPERIAL BEACH DATUM BENCHMARK #50
- 10,000- CONCENTRATION OF TOTAL FUEL HYDROCARBONS IN WATER (ug/l)
- A — A' LOCATION OF CROSS SECTIONS

APPROXIMATE SCALE: 1" = 30'

ESTIMATED CONCENTRATION OF TOTAL FUEL HYDROCARBONS

MOBIL OIL CORPORATION
 Service Station #18-FPL
 Imperial Beach, CA

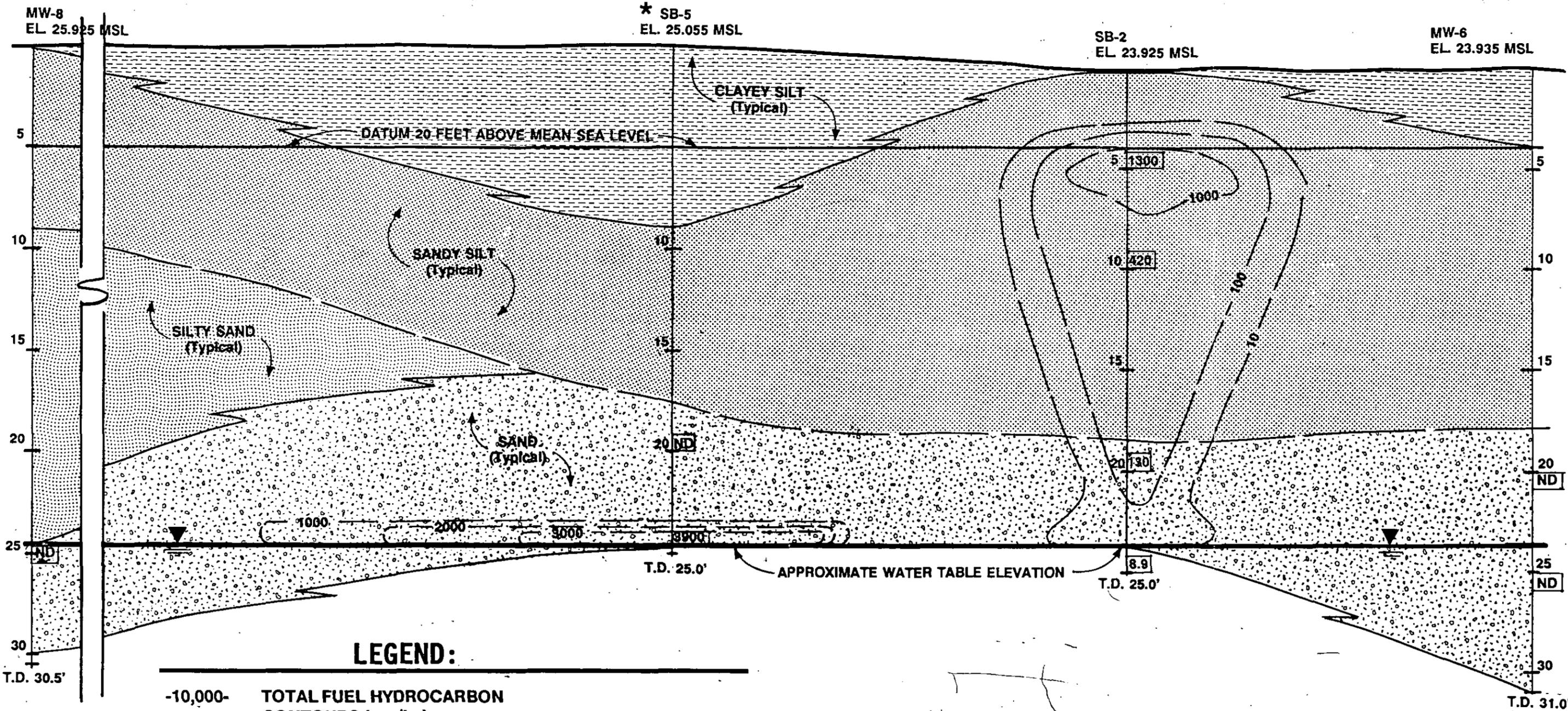
Scale	AS SHOWN	Project No.	90-82-108-01
Date	4-10-90	Drawing No.	4
Prepared By	DR	Checked By	DDH
Approved By	RNR		



*ND NOT DETECTED

NW
A

SE
A'



LEGEND:

- 10,000- TOTAL FUEL HYDROCARBON CONTOURS (mg/kg)
- * SB-5 HAS BEEN PROJECTED APPROXIMATELY 20 FEET TO THE S.W.
- HORIZONTAL SCALE: 1" = 10'
- VERTICAL EXAGGERATION: 1" = 5'

CROSS SECTION SHOWING TFH IN SOIL & LITHOLOGY

MOBIL OIL CORPORATION
 Service Station # 18-FPL
 Imperial Beach, CA

Scale	AS SHOWN	Project No.	90-82-108-01
Date	4-10-90	Drawing No.	
Prepared By	DR		
Checked By	DDH		
Approved By	RNR		



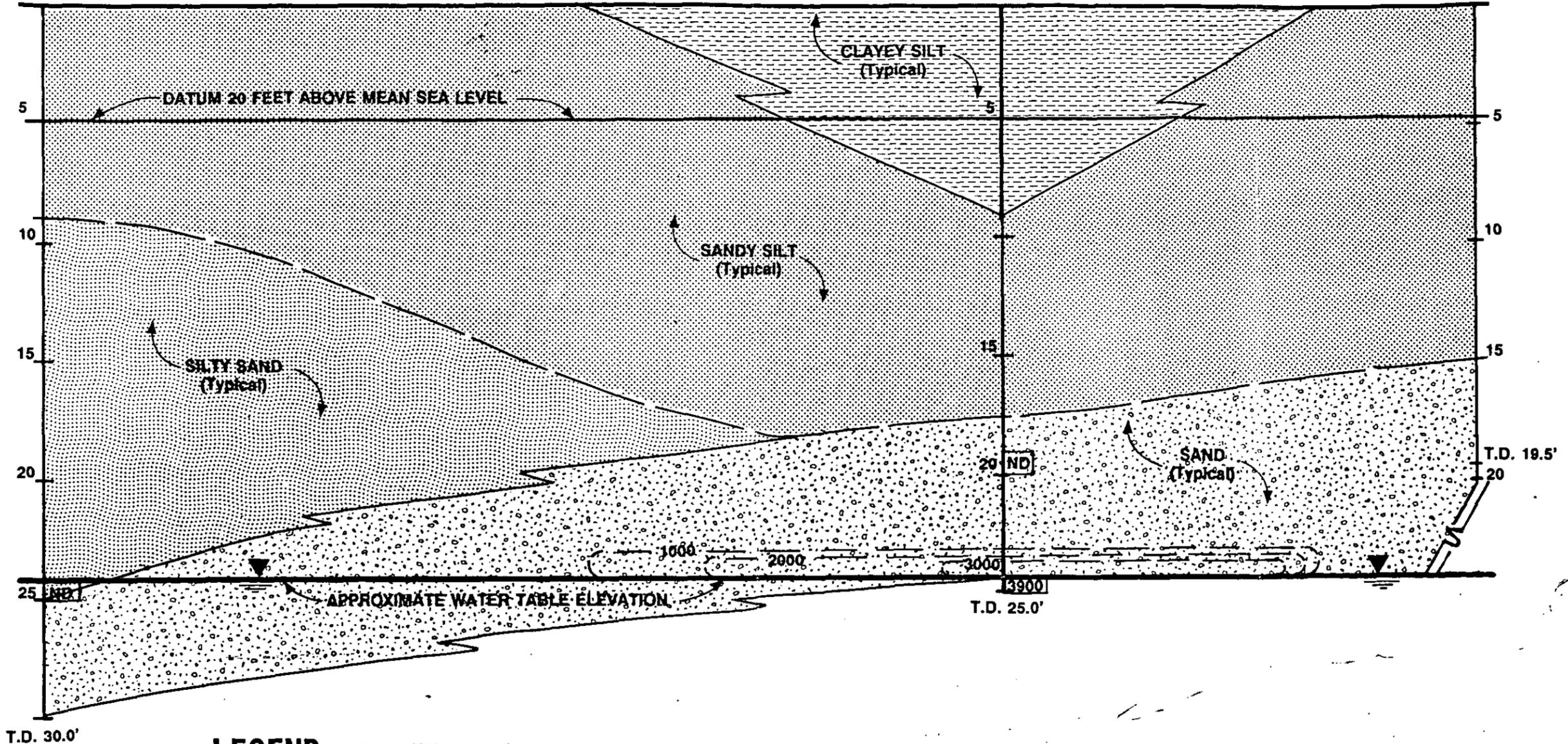
W
B

E
B'

MW-8
EL. 24.925 MSL

SB-5
EL. 25.055 MSL

SB-4
EL. 24.745 MSL



LEGEND:

-10,000- TOTAL FUEL HYDROCARBON CONTOURS (mg/kg)

HORIZONTAL SCALE: 1" = 10'

VERTICAL EXAGGERATION: 1" = 5'

CROSS SECTION SHOWING TFH IN SOIL & LITHOLOGY

MOBIL OIL CORPORATION
Service Station # 18-FPL
Imperial Beach, CA

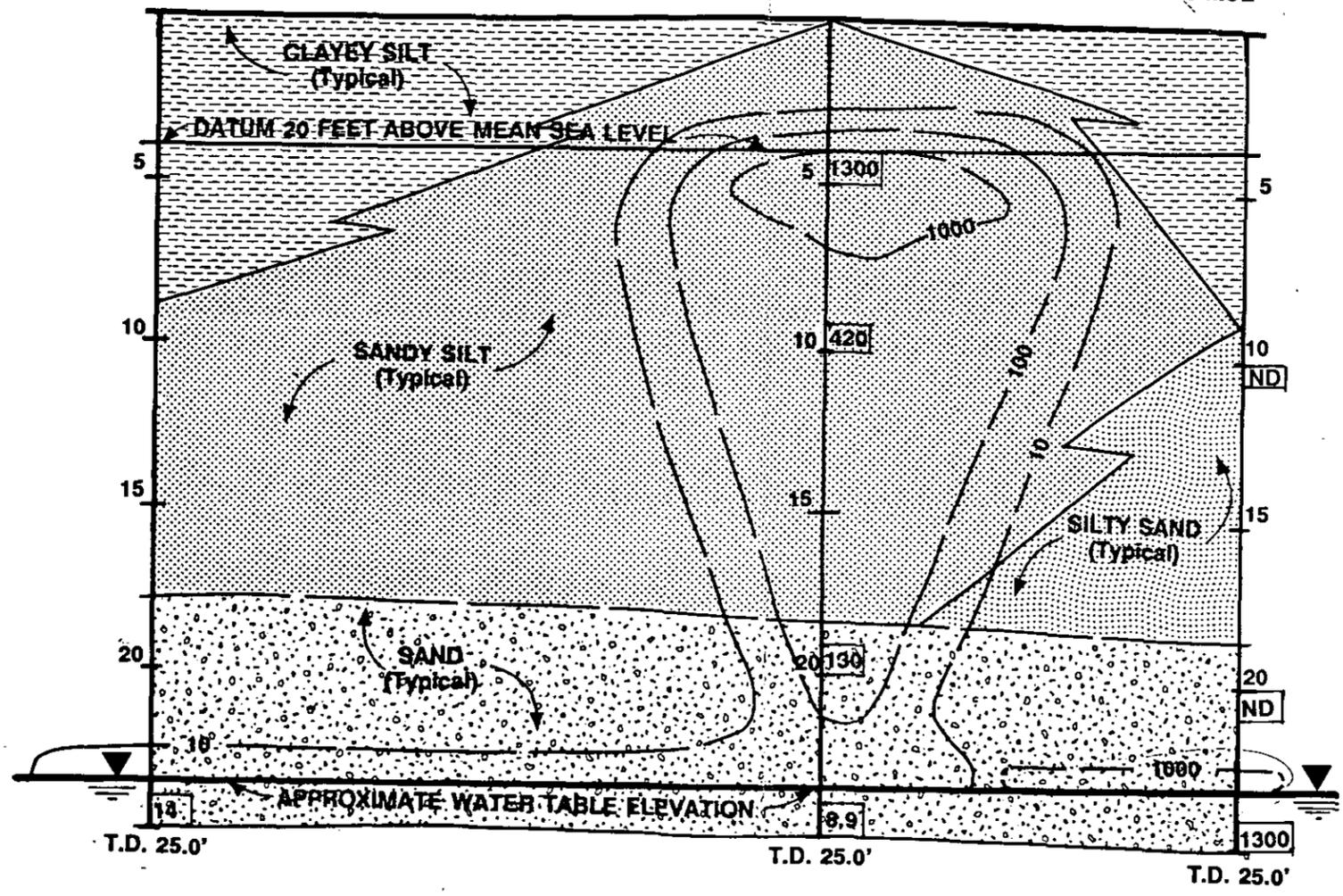
Scale	AS SHOWN	Project No.	90-82-108-01
Date	4-10-90	Drawing No.	
Prepared By	DR		
Checked By	DDH		
Approved By	RNR		



Converse Environmental West

W E
C C'
A - A'

SB-1 EL. 24.075 MSL SB-2 EL. 23.925 MSL SB-3 EL. 232.615 MSL



LEGEND:

-10,000- TOTAL FUEL HYDROCARBON CONTOURS (mg/kg)
HORIZONTAL SCALE: 1" = 10'
VERTICAL EXAGGERATION: 1" = 5'

CROSS SECTION SHOWING TFH IN SOIL & LITHOLOGY

MOBIL OIL CORPORATION
Service Station # 18-FPL
Imperial Beach, CA

Scale	AS SHOWN	Project No.	90-82-108-01
Date	4-10-90	Drawing No.	7
Prepared By	DR		
Checked By	DDH		
Approved By	RNR		

 Converse Environmental West

APPENDIX A
FIELD PROCEDURES

FIELD PROCEDURES

A total of nine borings were drilled on-site using a truck-mounted Mobile B-61 drill rig. Borings were advanced using 8-inch hollow-stem augers. Four of the borings were completed as groundwater monitoring wells. To complete the borings as monitoring wells, once the borings reached total depth, the 8-inch augers were removed from the hole and 10-inch augers were used to widen the diameter of the hole. All borings not completed as monitoring wells were abandoned by backfilling with bentonite and hydrating at an approximate ratio of one gallon of water to each two pounds of bentonite. The augers were steam cleaned between borings to reduce the potential for cross contamination. All boring locations were hand dug to a depth of approximately 4 feet below ground surface to reduce the potential of encountering underground utilities during drilling operations. All soil cuttings, wash water, development water, and purge water were barrelled in D.O.T. approved 55 gallon drums, labeled, and left on site.

Soil Sampling

Soil samples were collected from all borings at five foot internals beginning at a depth of five feet. The samples were screened with a MicroTip II photoionization detector (PID) to provide an estimate of the relative extent of hydrocarbon contamination and to aid in designating samples to be analyzed by the mobile laboratory operated by Analytical Technologies, Inc. This mobile laboratory was on-site during drilling operations.

Soil samples were obtained in brass sleeves using a modified California sampler. Samples were capped with teflon and plastic caps, and then refrigerated. Sampling equipment was cleaned withalconox (trisodium phosphate cleanser) prior to sampling, between sample intervals and between borings to minimize the potential for cross contamination. Samples were handled and transported in general accordance with EPA protocol, following chain-of-custody procedures. The samples were delivered to ATI's mobile laboratory, which is certified by the California Department of Health Services. Chain-of-custody forms are included in Appendix C, as are copies of the reports of test results prepared by ATI.

Monitoring Wells

Monitoring wells were constructed of 4-inch diameter schedule 40 PVC. The screened interval was 20 feet with a factory slot size of 0.020-inch. The filter pack consisted of Number 3 screened Lone Star sand. The filter pack extended from the bottom of the hole to a minimum of three feet above the screened portion of the well. A minimum three-foot bentonite seal was placed above the filter pack and hydrated with approximately one gallon of water for each two pounds of bentonite. The monitoring well was then grouted to the surface and a locking well cover installed.

90-82-108-01

Well Development

Development of wells involved surging and purging to remove accumulated sediment from the wells and stabilize the filter pack. Key aquifer parameters including pH, temperature and electrical conductivity were evaluated. A minimum of five well volumes were removed from each monitoring well.

Water Sampling

Water sampling procedures consisted of measuring groundwater levels, determination of presence or absence of free hydrocarbons within each well using an oil-water interface probe. No free product was noted in any of the monitoring wells on site. After determination of groundwater levels and volume of water to be purged for three well volumes, a small diameter lift pump was installed and the appropriate volumes removed. This pump was decontaminated with alconox and distilled water prior to use in each well to reduce the potential for cross contamination. Samples were obtained with a bailer which was dedicated to the individual well. Water samples were placed in 40 ml glass vials with teflon coated septums, labeled, and placed in a refrigerated cooler for transport to ATI. Water samples were collected such that no headspace was left in the vials.

90-82-108-01

APPENDIX B
BORING LOGS

Log of Boring No. MW-5

Date Drilled: 3/21/90

Logged by: RNR

Checked by: _____

Equipment: 10" Hollow Stem Auger

Driving Weight and Drop: 140 lb / 30 in

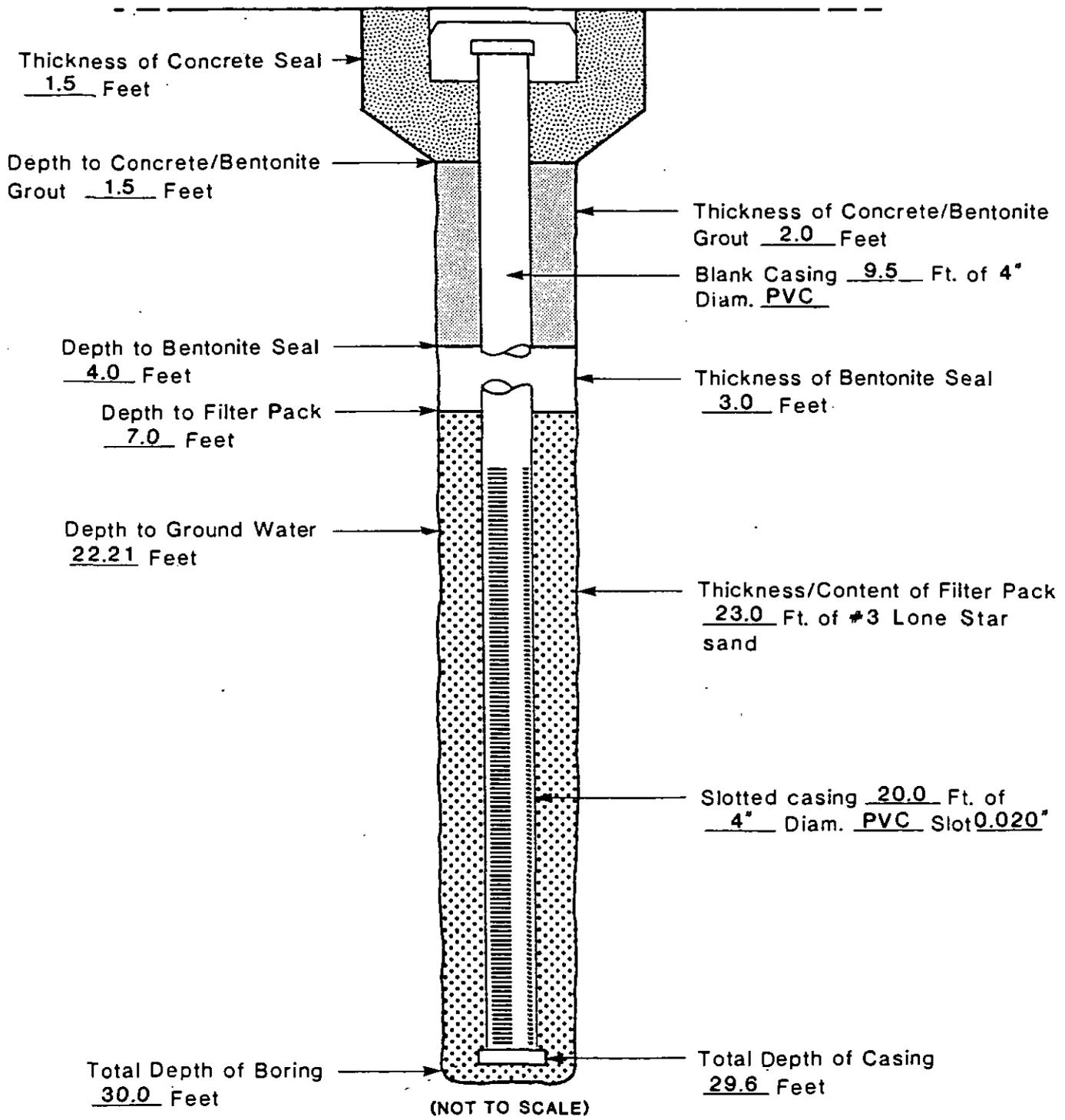
Ground Surface Elevation: _____

Depth to Water: approx. 23.5' at time of drilling

DEPTH (ft)	GRAPHIC LOG	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS/FOOT	MOISTURE (%)	DRY UNIT WT. (pcf)	OVA
			DRIVE	BULK				
5		CLAYEY SILT (ML) ; red-brown; trace fine sand; scattered medium to coarse; slightly to medium plastic; moist	■		8			0 ppm
10		SILTY SAND (SM) ; fine; brown; little medium; occasional gray mottling; micaceous; moist	■		19			0 ppm
15		gray mottled brown; pockets of salt precipitates; slightly moist	■	A	23			33 ppm
20		SAND (SP) ; gray; fine to medium; occasional coarse; micaceous; moist	■	A	29			3 ppm
25		▼ wet	■		26			5 ppm
30		Bottom of hole at 30 feet A- denotes samples analyzed by Analytical Technologies Inc.						



MW-5



GROUND-WATER MONITORING WELL

Project No.

90-82-108-01

Figure No.



Converse Environmental West

Log of Boring No. MW-6

Date Drilled: 3/20/90

Logged by: RNR

Checked by: _____

Equipment: 10" Hollow Stem Auger

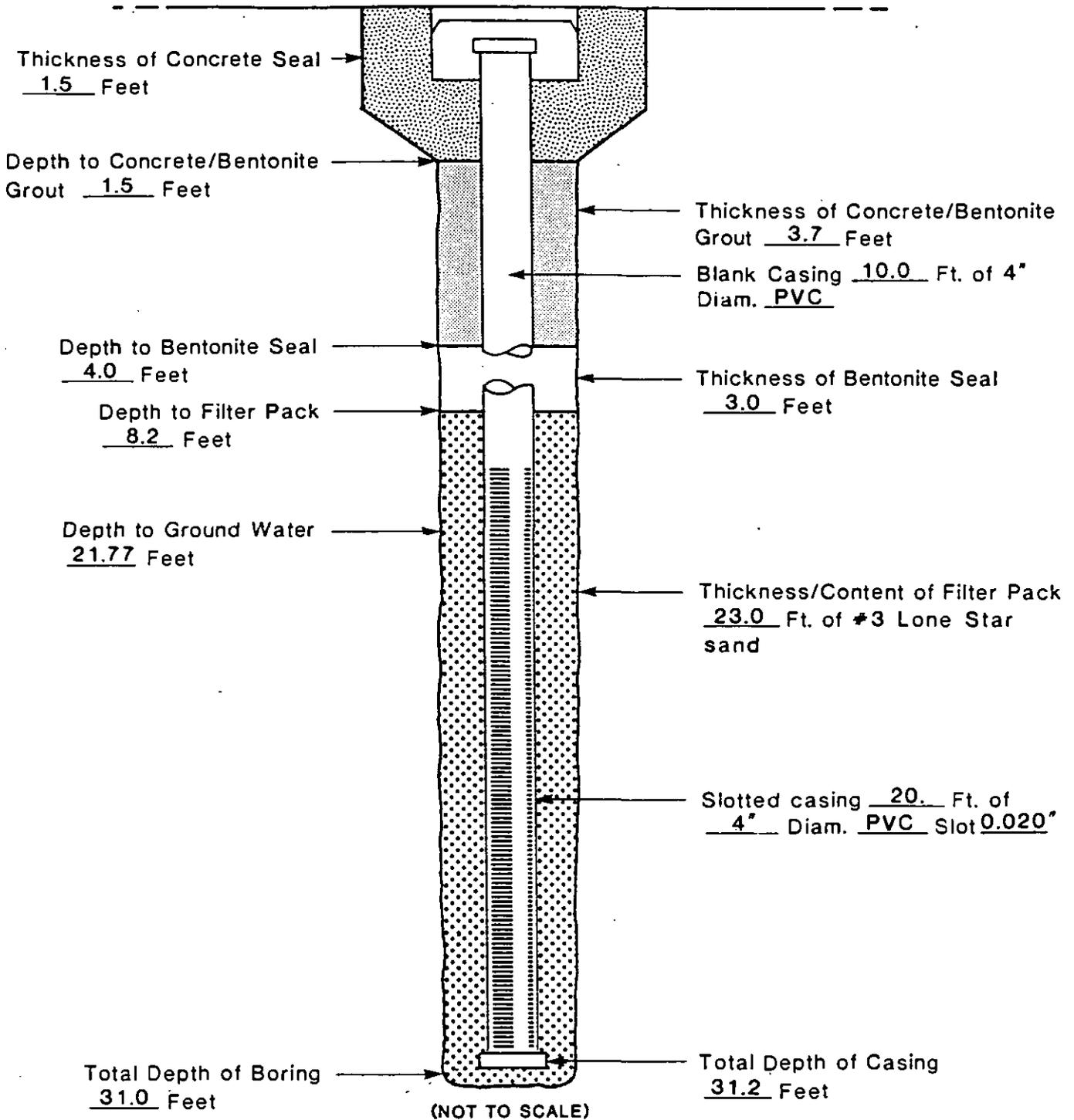
Driving Weight and Drop: 140 lb / 30 in

Ground Surface Elevation: _____

Depth to Water: approx. 24' at time of drilling

DEPTH (ft)	GRAPHIC LOG	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS/FOOT	MOISTURE (%)	DRY UNIT WT. (pcf)	OVA
			DRIVE	BULK				
	[Hatched Pattern]	CLAYEY SILT (ML); from cuttings						
5	[Dotted Pattern]	SANDY SILT (ML); red-brown; local fine sand pockets and locally plastic; slightly moist; micaceous	■		13			
10	[Dotted Pattern]	brown mottled gray; trace medium sand; slightly moist	■		37		10 ppm	
15	[Dotted Pattern]	gray mottled brown; scattered small pockets of fine to medium sand	■		23		0 ppm	
20	[Dotted Pattern]	SAND (SP); gray; fine to medium; slightly moist	■	A	25		15 ppm	
25	[Dotted Pattern]	▼ medium brown; trace coarse trace silt	■	A	34		56 ppm	
30	[Dotted Pattern]							
		Bottom of hole at 31 feet						
		A-denotes samples analyzed by Analytical Technologies Inc.						

MW-6



GROUND-WATER MONITORING WELL

Project No.

90-82-108-01

Figure No.



Converse Environmental West

Log of Boring No. MW-7

Date Drilled: 3/20/90

Logged by: RNR Checked by: _____

Equipment: 10" Hollow Stem Auger

Driving Weight and Drop: 140 lb / 30 in

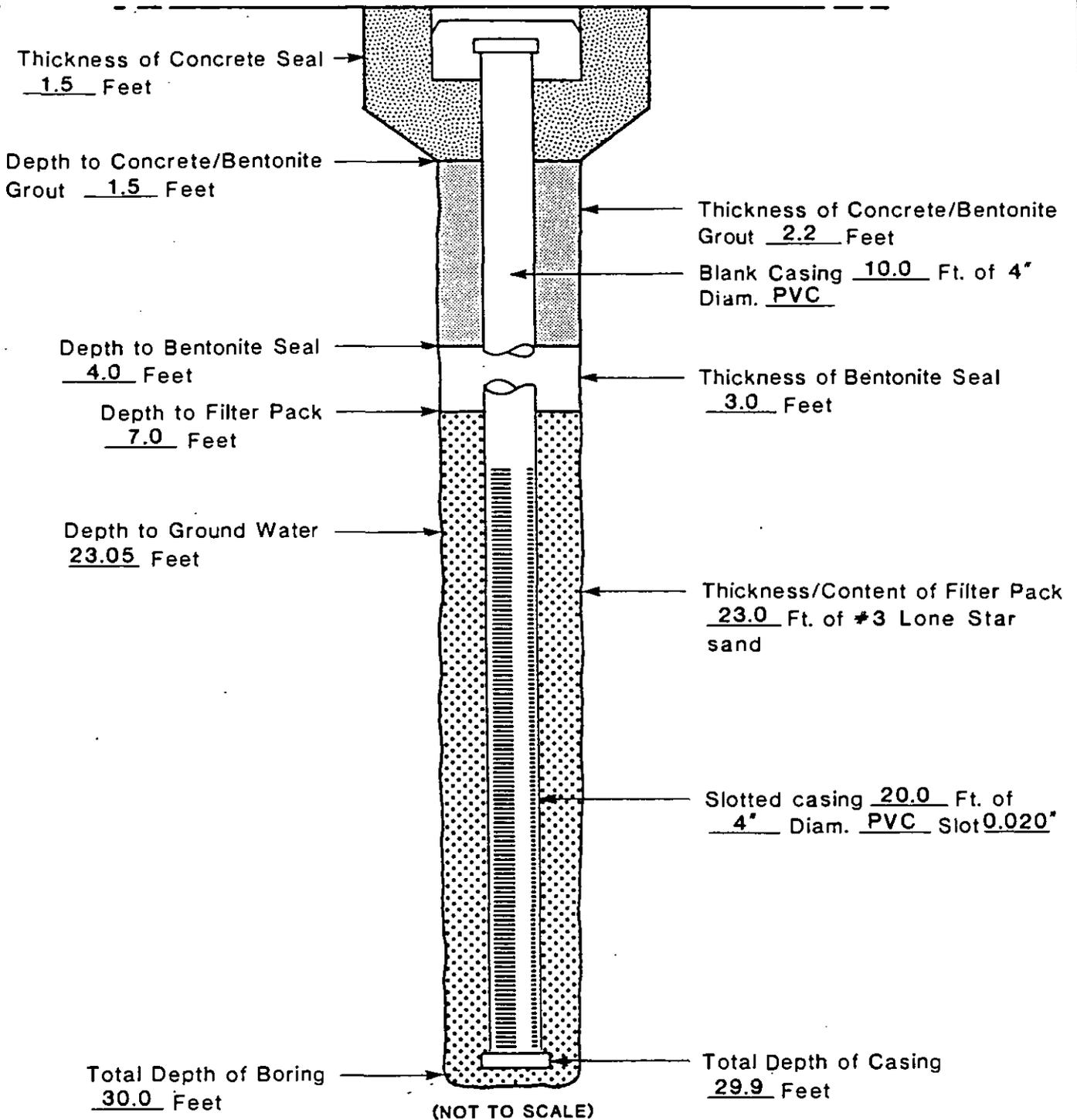
Ground Surface Elevation: _____

Depth to Water: approx. 23.5' at time of drilling

DEPTH (ft)	GRAPHIC LOG	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS/FOOT	MOISTURE (%)	DRY UNIT WT. (pcf)	OVA
			DRIVE	BULK				
5		SILTY SAND (SM) ; red-brown; fine, trace medium; little clay; slightly plastic; micaceous; moist	■		7			0 ppm
10		SANDY SILT (ML) , gray-brown; fine sand; salt crystals; local blocky texture; no plasticity; micaceous; slightly moist	■		37			0 ppm
15		SILTY SAND (SM) , fine; trace medium; micaceous; slightly moist	■		22			0 ppm
20		SAND (SP) ; gray-brown; fine to medium, trace coarse; occasional fine gravel; moist	■	A	23			64 ppm
25		▼ gray; fine to medium; micaceous; wet	■	A	24			105 ppm
30		Bottom of hole at 30 feet A-denotes samples analyzed by Analytical Technologies Inc.						



MW-7



GROUND-WATER MONITORING WELL

Project No.

90-82-108-01

Figure No.



Converse Environmental West

● Log of Boring No. MW-8 ●

Date Drilled: 3/21/90

Logged by: RNR Checked by: _____

Equipment: 10" Hollow Stem Auger

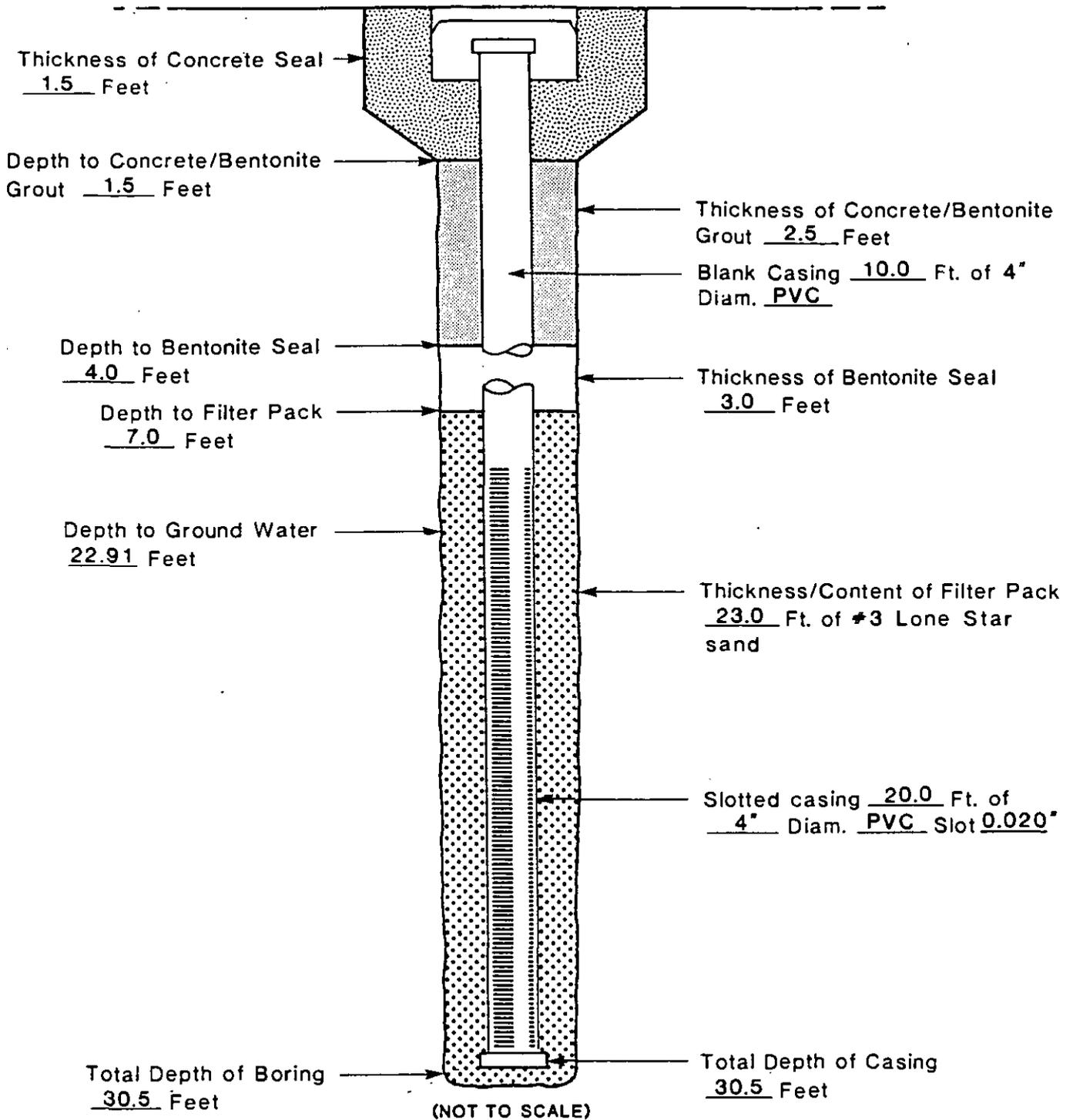
Driving Weight and Drop: 140 lb / 30 in

Ground Surface Elevation: _____

Depth to Water: approx. 24' at time of drilling

DEPTH (ft)	GRAPHIC LOG	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS/FOOT	MOISTURE (%)	DRY UNIT WT. (pcf)	OVA
			DRIVE	BULK				
5		SANDY SILT (ML); dark red brown; fine sand, trace medium scattered coarse; low plasticity; small salt precipitate pockets (1 mm); moist	■		15			0 ppm
10		SILTY SAND (SM); brown; fine; trace to little medium; micaceous; black organic staining; slightly moist	■		16			0 ppm
15		less medium sand	■		48			0 ppm
20		very micaceous; moist	■		36			0 ppm
25		▼ SAND (SP), light gray; fine to medium trace coarse; trace to little silt; wet	■	A	24			0 ppm
30								
		Bottom of hole at 30.5 feet						
		A-denotes samples analyzed by Analytical Technologies Inc.						

MW-8



GROUND-WATER MONITORING WELL

Project No.

90-82-108-01

Figure No.



Converse Environmental West

● Log of Boring No. SB-1 ●

Date Drilled: 3/21/90 Logged by: RNR Checked by: _____
 Equipment: 8" Hollow Stem Auger Driving Weight and Drop: 140 lb / 30 in
 Ground Surface Elevation: _____ Depth to Water: approx. 24' at time of drilling

DEPTH (ft)	GRAPHIC LOG	SUMMARY OF SUBSURFACE CONDITIONS This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS/FOOT	MOISTURE (%)	DRY UNIT WT. (pcf)	QUA
			DRIVE	BULK				
5	[Hatched Pattern]	CLAYEY SILT (ML); dark-red brown; trace to little fine sand scattered medium and coarse; locally medium plastic; moist	■		14			0 ppm
10	[Dotted Pattern]	SILTY SAND (SM); brown; fine; trace to little medium; occasional salt precipitate; slightly moist	■		40			0 ppm
15	[Dotted Pattern]	mottled gray	■		30			0 ppm
20	[Dotted Pattern]	SAND (SP); gray; fine to medium; trace to little silt; micaceous; moist	■		25			0 ppm
25	[Dotted Pattern]	trace silt; wet Bottom of hole at 25 feet A-denotes samples analyzed by Analytical Technologies Inc.	■	A	37			35 ppm

● Log of Boring No. SB-2 ●

Date Drilled: 3/21/90 Logged by: RNR Checked by: _____
 Equipment: 8" Hollow Stem Auger Driving Weight and Drop: 140 lb / 30 in
 Ground Surface Elevation: _____ Depth to Water: approx. 24' at time of drilling

DEPTH (ft)	GRAPHIC LOG	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS/FOOT	MOISTURE (%)	DRY UNIT WT. (pcf)	OVA
			DRIVE	BULK				
5		SANDY SILT (ML); dark red-brown; fine sand trace medium; local clayey zones; moist with small salt precipitate pockets	■		18			320 ppm
10			■	A	56			874 ppm
15			■		27			70 ppm
20		SAND (SP); gray; fine to medium; moist	■	A	31			470 ppm
25		▼ wet	■	A	34			*
		Bottom of hole at 25 feet A-denotes samples analyzed by Analytical Technologies Inc. * power failure in Micro Tip, hydrocarbon odor noted						



Log of Boring No. SB-3

Date Drilled: 3/20/90

Logged by: RNR Checked by: _____

Equipment: 8" Hollow Stem Auger

Driving Weight and Drop: 140 lb / 30 in

Ground Surface Elevation: _____

Depth to Water: approx. 24' at time of drilling

DEPTH (ft)	GRAPHIC LOG	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS/FOOT	MOISTURE (%)	DRY UNIT WT. (pcf)	OVA
			DRIVE	BULK				
5		SILT (ML); little fine sand; local plastic pockets; moist	■		13			0 ppm
10		SILTY SAND (SM); fine; brown; mottled gray and black; local small calcareous pockets, clasts of siltstone; black organic staining; slightly moist	■		60			62 ppm
15		brown mottled gray	■		25			11 ppm
20		SAND (SP); gray; fine to medium; trace silt; occasional coarse gravel; moist	■	A	28			37 ppm
25		▼ gray; fine to medium; occasional coarse and fine gravel; wet	■	A	28			76 ppm
		Bottom of hole at 25 feet						
		A-denotes samples analyzed by Analytical Technologies Inc						



Log of Boring No. SB-4

Date Drilled: 3/20/90 Logged by: RNR Checked by: _____
 Equipment: 8" Hollow Stem Auger Driving Weight and Drop: 140 lb / 30 in
 Ground Surface Elevation: _____ Depth to Water: none encountered

DEPTH (ft)	GRAPHIC LOG	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS/FOOT	MOISTURE (%)	DRY UNIT WT. (pcf)	OVA
			DRIVE	BULK				
5		SANDY SILT (ML); brown; fine sand; occasional medium sand; organic staining; locally slightly plastic; slightly moist	■		14			0 ppm
10		gray-brown; occasional lithified clasts	■		50			0 ppm
15		SAND (SP); gray mottled brown; fine to trace medium; trace to little silt; moist	■	A	25			0 ppm
		fine to medium trace coarse; scattered fine gravel; moist	■	A	29			0 ppm
		Bottom of hole at 19.5 feet A-denotes samples analyzed by Analytical Technologies Inc.						



● Log of Boring No. SB-5 ●

Date Drilled: 3/21/90 Logged by: RNR Checked by: _____
 Equipment: 8" Hollow Stem Auger Driving Weight and Drop: 140 lb / 30 in
 Ground Surface Elevation: _____ Depth to Water: approx. 24' at time of drilling

DEPTH (ft)	GRAPHIC LOG	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS/FOOT	MOISTURE (%)	DRY UNIT WT. (pcf)	OVA
			DRIVE	BULK				
5		CLAYEY SILT (ML); red-brown; trace to little fine sand; occasional medium; scattered organics; moist	■		16			0 ppm
10		SANDY SILT (ML); dark green-brown; fine sand; slight to low plastic; scattered clasts of siltstone; very micaceous; moist	■		22			0 ppm
15			■		25			0 ppm
20		SAND (SP); green-gray; fine to medium; occasional cobbles and fine gravel; little silt; very micaceous; moist	■	A	28			45 ppm
25		▼ dark gray; trace silt; wet	■	A	29			450 ppm
		Bottom of hole at 25 feet						
		A-denotes samples analyzed by Analytical Technologies Inc.						

APPENDIX C

ANALYTICAL PROCEDURES AND TEST RESULTS

ANALYTICAL PROCEDURES

Soil Sampling

Soil samples were designated for laboratory analysis based on PID measurements. Samples were analyzed for total fuel hydrocarbons (TFH) using EPA modified method 8015, and for benzene, toluene, ethylbenzene, and xylene isomers (BTEX) using EPA method 8020. Samples analyzed by ATI have detection limits of 5.0 mg/kg for TFH, 0.05 mg/kg for benzene, toluene, and ethylbenzene, and 0.1 mg/kg for total xylenes. Test results for soil and water samples are summarized in Tables 1 through 6. All soil samples were refrigerated upon retrieval.

Groundwater Sampling

After purging three well volumes, groundwater samples were collected from existing monitoring wells (OMW-1, OMW-3, and OMW-4) to aid in locating the proposed monitoring wells. Samples were analyzed for TFH using EPA method 8015(M), and for BTEX using EPA method 8020.

An attempt was made to obtain a water sample from OMW-2 at the same time the other Owen Consultants wells were sampled but the standard size bailer could not be lowered down the well beyond a depth of approximately 15 feet below ground surface. A groundwater sample from this well was obtained at a later date with a smaller bailer.

Approximately 72 hours after development of the four monitoring wells installed by CEW, our personnel returned to obtain groundwater samples. Groundwater samples were obtained after purging a minimum of three well volumes from each well with a small diameter lift pump. CEW personnel sampled OMW-2, after purging three well volumes, using a shorter bailer with a smaller diameter.

Samples were collected in 40 milliliter glass vials with teflon coated septums. The vials were prepared with hydrochloric acid by Analytical Technologies, Inc. to preserve the water samples. All samples were refrigerated in an ice chest during transportation to the laboratory.

90-82-108-01



Analytical **Technologies, Inc.**

Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D. 003299

March 30, 1990

Converse Environmental
8823 Production Avenue
San Diego, California 92121

Project Name: Imperial Beach

Project No.: 90-82-108-01

Attention: Rod Reeve

On March 19, 1990, Analytical Technologies, Inc. received three water and a trip blank samples for analysis. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. Please see the attached sheet for the sample cross reference.

The results of this analysis and quality control data are enclosed.

Jim N. Hall
GC Group Leader

JNH:nm

Richard M. Amano
Laboratory Manager



ANALYTICAL SCHEDULE

CLIENT: CONVERSE ENVIRONMENTAL
PROJECT NAME: IMPERIAL BEACH

PROJECT NO.: 90-82-108-01

ANALYSIS

TECHNIQUE

REFERENCE/METHOD

HYDROCARBONS (C5-C12)/
BENZENE, ETHYLBENZENE,
TOLUENE, & XYLENES

GC/FID/PID

MOD EPA 8015-CDOHS/8020



Analytical **Technologies, Inc.**

CLIENT : CONVERSE ENVIRONMENTAL
 PROJECT # : 90-82-108-01
 PROJECT NAME : IMPERIAL BEACH

DATE RECEIVED : 03/19/90
 REPORT DATE : 03/30/90

ATI I.D. : 003299

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	OMW-1	WATER	03/19/90
02	OMW-3	WATER	03/19/90
03	OMW-4	WATER	03/19/90
04	TRIP BLANK	WATER	03/19/90

----- TOTALS -----

MATRIX	# SAMPLES
WATER	4

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00329901

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE)

CLIENT	: CONVERSE ENVIRONMENTAL	DATE SAMPLED	: 03/19/90
PROJECT #	: 90-82-108-01	DATE RECEIVED	: 03/19/90
PROJECT NAME	: IMPERIAL BEACH	DATE EXTRACTED	: N/A
CLIENT I.D.	: OMW-1	DATE ANALYZED	: 03/19/90
SAMPLE MATRIX	: WATER	UNITS	: UG/L
		DILUTION FACTOR	: 100

COMPOUNDS	RESULTS
BENZENE	2600 ✓
TOLUENE	75
ETHYLBENZENE	1000
XYLENES (TOTAL)	54
FUEL HYDROCARBONS	10000
HYDROCARBON RANGE	C5-C12
HYDROCARBONS QUANTITATED USING	GASOLINE

SURROGATE PERCENT RECOVERIES

TRIFLUOROTOLUENE (%)	84
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GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00329902

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE)

CLIENT	: CONVERSE ENVIRONMENTAL	DATE SAMPLED	: 03/19/90
PROJECT #	: 90-82-108-01	DATE RECEIVED	: 03/19/90
PROJECT NAME	: IMPERIAL BEACH	DATE EXTRACTED	: N/A
CLIENT I.D.	: OMW-3	DATE ANALYZED	: 03/19/90
SAMPLE MATRIX	: WATER	UNITS	: UG/L
		DILUTION FACTOR	: 25

COMPOUNDS	RESULTS
BENZENE	160
TOLUENE	350
ETHYLBENZENE	850
XYLENES (TOTAL)	680
FUEL HYDROCARBONS	11000
HYDROCARBON RANGE	C5-C12
HYDROCARBONS QUANTITATED USING	GASOLINE

SURROGATE PERCENT RECOVERIES

TRIFLUOROTOLUENE (%)	100
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GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00329903

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE)

CLIENT	: CONVERSE ENVIRONMENTAL	DATE SAMPLED	: 03/19/90
PROJECT #	: 90-82-108-01	DATE RECEIVED	: 03/19/90
PROJECT NAME	: IMPERIAL BEACH	DATE EXTRACTED	: N/A
CLIENT I.D.	: OMW-4	DATE ANALYZED	: 03/20/90
SAMPLE MATRIX	: WATER	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.50
TOLUENE	1.3
ETHYLBENZENE	5.6
XYLENES (TOTAL)	8.4
FUEL HYDROCARBONS	150
HYDROCARBON RANGE	C5-C12
HYDROCARBONS QUANTITATED USING	GASOLINE

SURROGATE PERCENT RECOVERIES

TRIFLUOROTOLUENE (%)	96
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GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00329904

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE)

CLIENT	: CONVERSE ENVIRONMENTAL	DATE SAMPLED	: 03/19/90
PROJECT #	: 90-82-108-01	DATE RECEIVED	: 03/19/90
PROJECT NAME	: IMPERIAL BEACH	DATE EXTRACTED	: N/A
CLIENT I.D.	: TRIP BLANK	DATE ANALYZED	: 03/19/90
SAMPLE MATRIX	: WATER	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.50
TOLUENE	<0.50
ETHYLBENZENE	<0.50
XYLENES (TOTAL)	<1.0
FUEL HYDROCARBONS	<50
HYDROCARBON RANGE	C5-C12
HYDROCARBONS QUANTITATED USING	GASOLINE

SURROGATE PERCENT RECOVERIES

TRIFLUOROTOLUENE (%)	94
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REAGENT BLANK

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE)

CLIENT	: CONVERSE ENVIRONMENTAL	ATI I.D.	: 003299
PROJECT #	: 90-82-108-01	DATE EXTRACTED	: N/A
PROJECT NAME	: IMPERIAL BEACH	DATE ANALYZED	: 03/20/90
CLIENT I.D.	: REAGENT BLANK	UNITS	: UG/L
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BENZENE	<0.50
TOLUENE	<0.50
ETHYLBENZENE	<0.50
XYLENES (TOTAL)	<1.0
FUEL HYDROCARBONS	<50
HYDROCARBON RANGE	C5-C12
HYDROCARBONS QUANTITATED USING	GASOLINE

SURROGATE PERCENT RECOVERIES

TRIFLUOROTOLUENE (%)	110
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QUALITY CONTROL DATA

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE) ATI I.D. : 003299
 CLIENT : CONVERSE ENVIRONMENTAL DATE EXTRACTED : N/A
 PROJECT # : 90-82-108-01 DATE ANALYZED : 03/18/90
 PROJECT NAME : IMPERIAL BEACH SAMPLE MATRIX : WATER
 REF I.D. : 00318401 UNITS : UG/L

COMPOUNDS	SAMPLE CONC. RESULT SPIKED	SPIKED SAMPLE	% REC.	DUP. SAMPLE	DUP. REC.	RPD	
FUEL HYDROCARBONS	<50	200	150	75	180	90	18

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$



Analytical **Technologies, Inc.**

Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D. M0138

March 22, 1990

Converse Environmental West
8823 Production Ave.
San Diego California, 92121

Project Name: Mobil Imperial Beach 18FPL

Project No.: 108-01

Attention: Rob Reeve

Enclosed are the results for the seventeen soil samples for the above-mentioned project. All samples were analyzed by method EPA Method 8020 for BTX&E, and modified EPA Method 8015 for gasoline. The samples were analyzed in the mobile laboratory on the date sampled, and at the site of collection.

for *Narciso Lindsey*
R. Allan Morrison, Jr.
Mobile Laboratory Chemist

RAM

Richard M. Amano
Laboratory Manager

ANALYTICAL TECHNOLOGIES INC.
MOBILE LABORATORY
QUALITY CONTROL DATA

Mobile Lab I.D. M0138

Method: EPA Mod. 8015 : Gasoline By Purge & Trap GC-FID

Client : Converse Environmental West Sample Matrix : Soil
 Project Name : Mobil Imperial Beach 18FPL Units : mg/Kg
 Project Number : 108-01
 Project Manager: Rod Reeve

Mobile Lab I.D.	Spike Compound	Sample Result	Conc Spiked	Spike % Sample Rec.	Dup Spike Sample Rec.	Dup % Sample Rec.	RPD	
M0138-05	Gasoline	<5.0	25	26	104	25	100	4

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spike Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Samples}} \times 100$$



ANALYTICAL TECHNOLOGIES, INC ID# M0138
MOBILE LABORATORY
REPORT

Method: EPA Mod 8015 : Gasoline by Purge & Trap GC-FID

Client: Converse Environmental West
Project: Mobil Imperial Beach 18FPL
Project Number: 108-01
Project Manager: Rod Reeve

Matrix : Soil
Units : mg/Kg

Table with columns: Lab I.D., Date Sampled, Client ID, Gasoline (mg/Kg). Rows include sample IDs M0138-01 through M0138-17 with corresponding dates, client IDs, and gasoline concentrations.



ANALYTICAL TECHNOLOGIES INC.
MOBILE LABORATORY
QUALITY CONTROL DATA

Mobile Lab I.D. M0138

Method: EPA 8020 : BTX&E by GC-PID

Client : Converse Environmental West Sample Matrix : Soil
Project Name : Mobil Imperial Beach 18FPL Units : mg/Kg
Project Number : 108-01
Project Manager: Rod Reeve

Mobile Lab I.D.	Spike Compound	Sample Result	Conc Spiked	Spiked % Sample Rec.	Dup		RPD	
					Spike Sample	% Rec.		
M0138-05	Benzene	<0.05	0.25	0.24	96	0.23	92	4
	Toluene	<0.05	0.25	0.25	100	0.23	92	8
	Ethylbenzene	<0.05	0.25	0.24	96	0.23	92	4
	Total xylenes	<0.10	0.75	0.76	101	0.73	97	4

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spike Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Samples}} \times 100$$



ANALYTICAL TECHNOLOGIES INC.
MOBILE LABORATORY

Mobile Lab I.D. M0138

Test: BTX&E by EPA 8020 :

Client : Converse Environmental West Sample Matrix : Soil
Project Name : Mobil Imperial Beach 18FPL Units : mg/Kg
Project Number : 108-01
Project Manager: Rod Reeve

Table with 5 columns: Lab ID, Date sampled, Client ID, Compound, Results (mg/Kg). Contains 6 rows of data for various samples (M0138-01 to M0138-06) with compounds like Benzene, Toluene, EthylBenzene, and Total Xylenes.



ANALYTICAL TECHNOLOGIES INC.
MOBILE LABORATORY

Mobile Lab I.D. M0138

Test: BTX&E by EPA 8020 :

Client : Converse Environmental West Sample Matrix : Soil
Project Name : Mobil Imperial Beach 18FPL Units : mg/Kg
Project Number : 108-01
Project Manager: Rod Reeve

Lab ID	Date sampled	Client ID	Compound	Results (mg/Kg)
M0138-07	03-20-90	SB-3 S-2 9.0 - 10.0	Benzene	<0.05
			Toluene	<0.05
			EthylBenzene	<0.05
			Total Xylenes	<0.1
M0138-08	03-20-90	SB-3 S-5 24.0 - 25.0	Benzene	11
			Toluene	85
			EthylBenzene	55
			Total Xylenes	210
M0138-09	03-21-90	MW-5 S-3 14.0 - 15.0	Benzene	<0.05
			Toluene	<0.05
			EthylBenzene	<0.05
			Total Xylenes	<0.1
M0138-10	03-21-90	MW-5 S-4 19.0 - 20.0	Benzene	<0.05
			Toluene	<0.05
			EthylBenzene	<0.05
			Total Xylenes	<0.1
M0138-11	03-21-90	MW-8 S-5 24.0 - 25.0	Benzene	<0.05
			Toluene	<0.05
			EthylBenzene	<0.05
			Total Xylenes	<0.1
M0138-12	03-21-90	SB-5 S-4 19.0 - 20.0	Benzene	<0.05
			Toluene	0.19
			EthylBenzene	<0.05
			Total Xylenes	0.24

ANALYTICAL TECHNOLOGIES INC.
 MOBILE LABORATORY

Mobile Lab I.D. M0138

Test: BTX&E by EPA 8020 :

 Client : Converse Environmental West Sample Matrix : Soil
 Project Name : Mobil Imperial Beach 18FPL Units : mg/Kg
 Project Number : 108-01
 Project Manager: Rod Reeve

Lab ID	Date sampled	Client ID	Compound	Results (mg/Kg)	

M0138-13	03-21-90	SB-5 S-5 24.0 - 25.0	Benzene	15) ✓
			Toluene	80	
			EthylBenzene	49	
			Total Xylenes	200	
M0138-14	03-21-90	SB-1 S-5 24.0 - 25.0	Benzene	0.06) ✓
			Toluene	0.58	
			EthylBenzene	0.31	
			Total Xylenes	0.77	
M0138-15	03-21-90	SB-2 S-2 9.0 - 10.0	Benzene	<2.0) ✓
			Toluene	<2.0	
			EthylBenzene	4.0	
			Total Xylenes	51	
M0138-16	03-21-90	SB-2 S-4 19.0 - 20.0	Benzene	<0.2) ✓
			Toluene	0.62	
			EthylBenzene	0.70	
			Total Xylenes	16	
M0138-17	03-21-90	SB- 2 ³ S-5 24.0 - 25.0	Benzene	0.06) ✓
			Toluene	0.77	
			EthylBenzene	0.17	
			Total Xylenes	0.42	



Analytical **Technologies, Inc.**

Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-914

ATI I.D. 003456

April 4, 1990

Converse Environmental
8823 Production Avenue
San Diego, California 92121

Project Name: Mobil/Imperial Beach

Project No.: 90-82-108-01

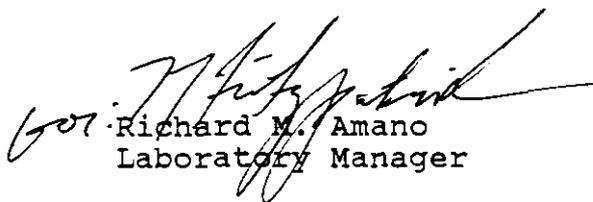
Attention: Rod Reeve

On March 28, 1990, Analytical Technologies, Inc. received five water samples for analyses. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. Please see the attached sheet for the sample cross reference.

The results of these analyses and quality control data are enclosed.


Jim N. Hall
GC Group Leader

JNH:nm


Richard M. Amano
Laboratory Manager



ANALYTICAL SCHEDULE

CLIENT: CONVERSE ENVIRONMENTAL
PROJECT NAME: MOBIL/IMPERIAL BEACH

PROJECT NO.: 90-82-108-01

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
TOTAL DISSOLVED SOLIDS	GRAVIMETRIC	EPA 160.1
HYDROCARBONS (C5-C12)/ BENZENE, ETHYLBENZENE, TOLUENE, & XYLENES	GC/FID/PID	MOD EPA 8015-CDOHS/8020



Analytical Technologies, Inc.

CLIENT : CONVERSE ENVIRONMENTAL
 PROJECT # : 90-82-108-01
 PROJECT NAME : MOBIL/IMPERIAL BEACH
 ATI I.D. : 003456

DATE RECEIVED : 03/28/90
 REPORT DATE : 04/04/90

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	MW-6	WATER	03/28/90
02	MW-8	WATER	03/28/90
03	MW-5	WATER	03/28/90
04	MW-7	WATER	03/28/90
05	OMW-2	WATER	03/28/90

----- TOTALS -----

MATRIX	# SAMPLES
WATER	5

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



Analytical **Technologies**, Inc.

GENERAL CHEMISTRY RESULTS

ATI I.D. : 003456

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH

DATE RECEIVED : 03/28/90

REPORT DATE : 04/04/90

PARAMETER	UNITS	01	02
TOTAL DISSOLVED SOLIDS	MG/L	3100	5450



CLIENT : CONVERSE ENVIRONMENTAL
 PROJECT # : 90-82-108-01
 PROJECT NAME : MOBIL/IMPERIAL BEACH

ATI I.D. : 003456

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
TOTAL DISSOLVED SOLIDS	MG/L	00345602	5450	5420	1	N/A	N/A	N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00345601

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE)

CLIENT	: CONVERSE ENVIRONMENTAL	DATE SAMPLED	: 03/28/90
PROJECT #	: 90-82-108-01	DATE RECEIVED	: 03/28/90
PROJECT NAME	: MOBIL/IMPERIAL BEACH	DATE EXTRACTED	: N/A
CLIENT I.D.	: MW-6	DATE ANALYZED	: 03/31/90
SAMPLE MATRIX	: WATER	UNITS	: UG/L
		DILUTION FACTOR	: 200

COMPOUNDS	RESULTS
BENZENE	<100
TOLUENE	860
ETHYLBENZENE	1200
XYLENES (TOTAL)	7200
FUEL HYDROCARBONS	29000
HYDROCARBON RANGE	C5-C12
HYDROCARBONS QUANTITATED USING	GASOLINE

SURROGATE PERCENT RECOVERIES

TRIFLUOROTOLUENE (%)	96
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GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00345602

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE)

CLIENT	: CONVERSE ENVIRONMENTAL	DATE SAMPLED	: 03/28/90
PROJECT #	: 90-82-108-01	DATE RECEIVED	: 03/28/90
PROJECT NAME	: MOBIL/IMPERIAL BEACH	DATE EXTRACTED	: N/A
CLIENT I.D.	: MW-8	DATE ANALYZED	: 03/31/90
SAMPLE MATRIX	: WATER	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.50
TOLUENE	<0.50
ETHYLBENZENE	<0.50
XYLENES (TOTAL)	<1.0
FUEL HYDROCARBONS	<50
HYDROCARBON RANGE	C5-C12
HYDROCARBONS QUANTITATED USING	GASOLINE

SURROGATE PERCENT RECOVERIES

TRIFLUOROTOLUENE (%)	83
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GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00345603

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : MW-5
SAMPLE MATRIX : WATER

DATE SAMPLED : 03/28/90
DATE RECEIVED : 03/28/90
DATE EXTRACTED : N/A
DATE ANALYZED : 03/31/90
UNITS : UG/L
DILUTION FACTOR : 2

COMPOUNDS

RESULTS

BENZENE 26
TOLUENE 19
ETHYLBENZENE 51
XYLENES (TOTAL) 170
FUEL HYDROCARBONS 3200
HYDROCARBON RANGE C5-C12
HYDROCARBONS QUANTITATED USING GASOLINE

SURROGATE PERCENT RECOVERIES

TRIFLUOROTOLUENE (%) 102



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00345604

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : MW-7
SAMPLE MATRIX : WATER

DATE SAMPLED : 03/28/90
DATE RECEIVED : 03/28/90
DATE EXTRACTED : N/A
DATE ANALYZED : 03/31/90
UNITS : UG/L
DILUTION FACTOR : 125

COMPOUNDS

RESULTS

Table with 2 columns: COMPOUNDS and RESULTS. Rows include BENZENE (990), TOLUENE (6200), ETHYLBENZENE (1800), XYLENES (TOTAL) (8500), FUEL HYDROCARBONS (42000), HYDROCARBON RANGE (C5-C12), and HYDROCARBONS QUANTITATED USING (GASOLINE).

SURROGATE PERCENT RECOVERIES

TRIFLUOROTOLUENE (%) 97



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00345605

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : OMW-2
SAMPLE MATRIX : WATER

DATE SAMPLED : 03/28/90
DATE RECEIVED : 03/28/90
DATE EXTRACTED : N/A
DATE ANALYZED : 03/31/90
UNITS : UG/L
DILUTION FACTOR : 125

COMPOUNDS

RESULTS

Table with 2 columns: COMPOUNDS and RESULTS. Rows include BENZENE (<62), TOLUENE (8900), ETHYLBENZENE (1800), XYLENES (TOTAL) (5500), FUEL HYDROCARBONS (46000), HYDROCARBON RANGE (C5-C12), and HYDROCARBONS QUANTITATED USING (GASOLINE).

SURROGATE PERCENT RECOVERIES

TRIFLUOROTOLUENE (%) 107



REAGENT BLANK

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE)

CLIENT	: CONVERSE ENVIRONMENTAL	ATI I.D.	: 003456
PROJECT #	: 90-82-108-01	DATE EXTRACTED	: N/A
PROJECT NAME	: MOBIL/IMPERIAL BEACH	DATE ANALYZED	: 03/31/90
CLIENT I.D.	: REAGENT BLANK	UNITS	: UG/L
		DILUTION FACTOR	: N/A

COMPOUNDS

RESULTS

BENZENE	<0.50
TOLUENE	<0.50
ETHYLBENZENE	<0.50
XYLENES (TOTAL)	<1.0
FUEL HYDROCARBONS	<50
HYDROCARBON RANGE	C5-C12
HYDROCARBONS QUANTITATED USING	GASOLINE

SURROGATE PERCENT RECOVERIES

TRIFLUOROTOLUENE (%)	97
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QUALITY CONTROL DATA

TEST : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C5-C12/BTXE) ATI I.D. : 003456

CLIENT : CONVERSE ENVIRONMENTAL DATE EXTRACTED : N/A

PROJECT # : 90-82-108-01 DATE ANALYZED : 04/02/90

PROJECT NAME : MOBIL/IMPERIAL BEACH SAMPLE MATRIX : WATER

REF I.D. : 00340510 UNITS : UG/L

COMPOUNDS	SAMPLE CONC.		SPIKED SAMPLE	% SPIKED REC.	DUP.	DUP.	RPD
	RESULT	SPIKED			SAMPLE REC.	SAMPLE REC.	
FUEL HYDROCARBONS	70	100	150	90	150	80	6

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Chain of Custody

PROJECT MANAGER: <u>Rod Reeve</u>					Recommended Quantity and Preservative (Provide triple volume on QC Samples)																			
COMPANY: <u>CONVERSE ENVIRONMENTAL WEST</u>					1L (H ₂ SO ₄)/100g	1L (H ₂ SO ₄)/100g	4 oz (HCl)/50g	4 oz (HCl)/50g	4 oz (HCl)/50g	4 oz (HCl)/50g	4 oz (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	500ml/50g	1L/50g	1L/100g	2X40ml (HCl)/100g	1L/100g	500ml/100g	500ml/100g	TOTAL DISSOLVED SOLIDS 500 ml	Number of Containers
ADDRESS: <u>8823 Redaction Ave San Diego CA 92121</u>					Petroleum Hydrocarbons 418.1	Oil and Grease 413.2	Gasoline (MOD 8015/DOHS)	Diesel (MOD 8015/DOHS)	Gasoline/BTEX (MOD 8015/8020)	(C6-C25, MOD 8015)	BTXE (8020)	Chlorinated Hydrocarbons (8010)	Aromatic Hydrocarbons (8020)	Chlorinated/Aromatic Hydrocarbons (8010/8020)	Organic Pb	Pesticides/PCB (8080)	Base/NEU/Acid Cmpds GC/MS (8270)	Volatile Cmpds GC/MS (8240)	Polynuclear Aromatic (8310)	CCR Metals	Priority Pollutant Metals	TOTAL DISSOLVED SOLIDS 500 ml	Number of Containers	
BILL TO: <u>SAME AS ABOVE</u>																								
COMPANY:																								
ADDRESS:																								
																								
SAMPLES: (Signature) <u>619 1570-3211</u>																								
PHONE NUMBER																								
SAMPLE ID	DATE	TIME	MATRIX	LAB ID																				
<u>MW-5</u>	<u>3/28/90</u>		<u>H₂O</u>	<u>03</u>																				
<u>MW-10</u>	<u> </u>		<u> </u>	<u>01</u>																				
<u>MW-7</u>	<u> </u>		<u> </u>	<u>04</u>																				
<u>MW-8</u>	<u> </u>		<u> </u>	<u>02</u>																				
<u>OMW-2</u>	<u> </u>		<u> </u>	<u>05</u>																				

PROJECT INFORMATION		SAMPLE RECEIPT		RELINQUISHED BY: 1.		RELINQUISHED BY: 2.		RELINQUISHED BY: 3.	
PROJECT NUMBER: <u>90-82-108-01</u>		TOTAL NUMBER OF CONTAINERS: <u>12</u>		Signature: 		Signature: _____		Signature: _____	
PROJECT NAME: <u>Mobil/Imperial</u>		CHAIN OF CUSTODY SEALS Y/N/NA: <u>N</u>		Time: _____		Time: _____		Time: _____	
PURCHASE ORDER NUMBER: _____		INTACT? Y/N/NA: <u>NA</u>		Printed Name: <u>DOUGLAS D. MARIE</u>		Printed Name: _____		Printed Name: _____	
VIA: _____		RECEIVED GOOD COND./COLD: <u>Y</u>		Date: <u>3/28/90</u>		Date: _____		Date: _____	
TAT: <input type="checkbox"/> 24HR <input type="checkbox"/> 48 HRS <input type="checkbox"/> 1 WK <input type="checkbox"/> 2 WKS		LAB NUMBER: <u>003456</u>		Company: <u>C.E.W.</u>		Company: _____		Company: _____	
SAMPLE DISPOSAL INSTRUCTIONS				RECEIVED BY: 1.		RECEIVED BY: 2.		RECEIVED BY: (LAB) 3.	
<input checked="" type="checkbox"/> ATI Disposal @ \$5.00 each <input type="checkbox"/> Return <input type="checkbox"/> Pickup (will call)				Signature: _____		Signature: _____		Signature: <u>William</u>	
Comments: <u>Results by Mon 4/2/90 OK'd by J.H.</u> <u>Phone Verbal ASAP</u>				Time: _____		Time: _____		Time: <u>11:35</u>	
				Printed Name: _____		Printed Name: _____		Printed Name: <u>William</u>	
				Date: _____		Date: _____		Date: <u>3/28/90</u>	
				Company: _____		Company: _____		Company: <u>Analytical Technologies, Inc.</u>	



Analytical **Technologies**, Inc.

Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 452-914

ATI I.D. 004027

April 10, 1990

Converse Environmental West
8823 Production Avenue
San Diego, California 92121

Project Name: Mobil - Imperial Beach

Project No.: 90-82-108-01

Attention: Rod Reeve

On April 4, 1990, Analytical Technologies, Inc. received a request to analyze five water samples. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. Please see the attached sheet for the sample cross reference.

The results of this analysis and the quality control data are enclosed.

Jim Hall
GC Group Leader

JH:bc

Richard M. Amano
Laboratory Manager



ANALYTICAL SCHEDULE

CLIENT: CONVERSE ENVIRONMENTAL WEST
PROJECT NAME: MOBIL - IMPERIAL BEACH

PROJECT NO.: 90-82-108-01

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
HALOGENATED VOLATILE ORGANICS	GC/ELCD	EPA 8010



Analytical Technologies, Inc.

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL...IMPERIAL BEACH
ATI I.D. : 004027

DATE RECEIVED : 03/19/90

REPORT DATE : 04/10/90

Table with 4 columns: ATI #, CLIENT DESCRIPTION, MATRIX, DATE COLLECTED. Rows include sample IDs 01-05 with descriptions like OMW-4, MW-8, MW-5, OMW-3, MW-7 and matrix type WATER.

----- TOTALS -----

Summary table with 2 columns: MATRIX, # SAMPLES. Row for WATER shows 5 samples.

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00402701

TEST : EPA 8010 (HALOGENATED VOLATILE ORGANICS)

CLIENT : CONVERSE ENVIRONMENTAL
 PROJECT # : 90-82-108-01
 PROJECT NAME : MOBIL...IMPERIAL BEACH
 CLIENT I.D. : OMW-4
 SAMPLE MATRIX : WATER

DATE SAMPLED : 03/19/90
 DATE RECEIVED : 03/19/90
 DATE EXTRACTED : N/A
 DATE ANALYZED : 04/06/90
 UNITS : UG/L
 DILUTION FACTOR : 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.20
BROMOFORM	<0.20
BROMOMETHANE	<0.20
CARBON TETRACHLORIDE	<0.20
CHLOROBENZENE	<0.50
CHLOROETHANE	<0.20
CHLOROFORM	0.36
CHLOROMETHANE	<0.20
DI BROMOCHLOROMETHANE	1.8
1,2-DICHLOROBENZENE	<0.50
1,3-DICHLOROBENZENE	<0.50
1,4-DICHLOROBENZENE	<0.50
DICHLORODIFLUOROMETHANE	<0.20
1,1-DICHLOROETHANE	<0.20
1,2-DICHLOROETHANE	0.50
1,1-DICHLOROETHENE	<0.20
1,2-DICHLOROETHENE (TOTAL)	<0.20
1,2-DICHLOROPROPANE	<0.20
CIS-1,3-DICHLOROPROPENE	<0.20
TRANS-1,3-DICHLOROPROPENE	<0.20
METHYLENE CHLORIDE	<2.0
1,1,2,2-TETRACHLOROETHANE	<0.20
TETRACHLOROETHENE	21
1,1,1-TRICHLOROETHANE	<0.20
1,1,2-TRICHLOROETHANE	<0.20
TRICHLOROETHENE	3.2
TRICHLOROFLUOROMETHANE	<2.0
VINYL CHLORIDE	<0.20

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	95
TRIFLUOROTOLUENE (%)	108

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00402702

TEST : EPA 8010 (HALOGENATED VOLATILE ORGANICS)

CLIENT	: CONVERSE ENVIRONMENTAL	DATE SAMPLED	: 03/28/90
PROJECT #	: 90-82-108-01	DATE RECEIVED	: 03/19/90
PROJECT NAME	: MOBIL...IMPERIAL BEACH	DATE EXTRACTED	: N/A
CLIENT I.D.	: MW-8	DATE ANALYZED	: 04/04/90
SAMPLE MATRIX	: WATER	UNITS	: UG/L
		DILUTION FACTOR	: 1

 COMPOUNDS RESULTS

BROMODICHLOROMETHANE	0.30
BROMOFORM	2.7
BROMOMETHANE	<0.20
CARBON TETRACHLORIDE	<0.20
CHLOROBENZENE	<0.50
CHLOROETHANE	<0.20
CHLOROFORM	<0.20
CHLOROMETHANE	<0.20
DIBROMOCHLOROMETHANE	1.0
1,2-DICHLOROBENZENE	<0.50
1,3-DICHLOROBENZENE	<0.50
1,4-DICHLOROBENZENE	<0.50
DICHLORODIFLUOROMETHANE	<0.20
1,1-DICHLOROETHANE	<0.20
1,2-DICHLOROETHANE	1.9
1,1-DICHLOROETHENE	<0.20
1,2-DICHLOROETHENE (TOTAL)	<0.20
1,2-DICHLOROPROPANE	<0.20
CIS-1,3-DICHLOROPROPENE	<0.20
TRANS-1,3-DICHLOROPROPENE	<0.20
METHYLENE CHLORIDE	<2.0
1,1,2,2-TETRACHLOROETHANE	<0.20
TETRACHLOROETHENE	6.2
1,1,1-TRICHLOROETHANE	<0.20
1,1,2-TRICHLOROETHANE	<0.20
TRICHLOROETHENE	<0.20
TRICHLOROFLUOROMETHANE	<2.0
VINYL CHLORIDE	<0.20

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	112
TRIFLUOROTOLUENE (%)	115



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00402703

TEST : EPA 8010 (HALOGENATED VOLATILE ORGANICS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL...IMPERIAL BEACH
CLIENT I.D. : MW-5
SAMPLE MATRIX : WATER

DATE SAMPLED : 03/28/90
DATE RECEIVED : 03/19/90
DATE EXTRACTED : N/A
DATE ANALYZED : 04/04/90
UNITS : UG/L
DILUTION FACTOR : 1

COMPOUNDS RESULTS

Table with 2 columns: COMPOUNDS and RESULTS. Lists various chemical compounds and their corresponding numerical results, such as BROMODICHLOROMETHANE (0.82) and VINYL CHLORIDE (<0.20).

SURROGATE PERCENT RECOVERIES

Table with 2 columns: SURROGATE PERCENT RECOVERIES and values. Shows BROMOCHLOROMETHANE (%) at 97 and TRIFLUOROTOLUENE (%) at 98.



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00402704

TEST : EPA 8010 (HALOGENATED VOLATILE ORGANICS)

CLIENT	: CONVERSE ENVIRONMENTAL	DATE SAMPLED	: 03/19/90
PROJECT #	: 90-82-108-01	DATE RECEIVED	: 03/19/90
PROJECT NAME	: MOBIL...IMPERIAL BEACH	DATE EXTRACTED	: N/A
CLIENT I.D.	: OMW-3	DATE ANALYZED	: 04/06/90
SAMPLE MATRIX	: WATER	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.20
BROMOFORM	<0.20
BROMOMETHANE	<0.20
CARBON TETRACHLORIDE	<0.20
CHLOROBENZENE	<0.50
CHLOROETHANE	<0.20
CHLOROFORM	<0.20
CHLOROMETHANE	<0.20
DIBROMOCHLOROMETHANE	<0.20
1,2-DICHLOROETHANE	<0.50
1,3-DICHLOROETHANE	<0.50
1,4-DICHLOROETHANE	<0.50
DICHLORODIFLUOROMETHANE	<0.20
1,1-DICHLOROETHANE	<0.20
1,2-DICHLOROETHANE	1.2
1,1-DICHLOROETHENE	<0.20
1,2-DICHLOROETHENE (TOTAL)	<0.20
1,2-DICHLOROPROPANE	<0.20
CIS-1,3-DICHLOROPROPENE	<0.20
TRANS-1,3-DICHLOROPROPENE	<0.20
METHYLENE CHLORIDE	4.0
1,1,2,2-TETRACHLOROETHANE	<0.20
TETRACHLOROETHENE	<0.20
1,1,1-TRICHLOROETHANE	<0.20
1,1,2-TRICHLOROETHANE	<0.20
TRICHLOROETHENE	<0.20
TRICHLOROFLUOROMETHANE	<2.0
VINYL CHLORIDE	<0.20

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	95
TRIFLUOROTOLUENE (%)	93



GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00402705

TEST : EPA 8010 (HALOGENATED VOLATILE ORGANICS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL...IMPERIAL BEACH
CLIENT I.D. : MW-7
SAMPLE MATRIX : WATER

DATE SAMPLED : 03/28/90
DATE RECEIVED : 03/19/90
DATE EXTRACTED : N/A
DATE ANALYZED : 04/06/90
UNITS : UG/L
DILUTION FACTOR : 25

Table with 2 columns: COMPOUNDS and RESULTS. Lists various chemical compounds and their corresponding results, mostly <5.0 or <13.

SURROGATE PERCENT RECOVERIES

Table with 2 columns: Compound name and Percent recovery. Shows BROMOCHLOROMETHANE (%) at 76 and TRIFLUOROTOLUENE (%) at 105.



REAGENT BLANK

TEST : EPA 8010 (HALOGENATED VOLATILE ORGANICS)

CLIENT	: CONVERSE ENVIRONMENTAL	ATI I.D.	: 004027
PROJECT #	: 90-82-108-01	DATE EXTRACTED	: N/A
PROJECT NAME	: MOBIL...IMPERIAL BEACH	DATE ANALYZED	: 04/05/90
CLIENT I.D.	: REAGENT BLANK	UNITS	: UG/L
		DILUTION FACTOR	: N/A

COMPOUNDS RESULTS

BROMODICHLOROMETHANE	<0.20
BROMOFORM	<0.20
BROMOMETHANE	<0.20
CARBON TETRACHLORIDE	<0.20
CHLOROBENZENE	<0.50
CHLOROETHANE	<0.20
CHLOROFORM	<0.20
CHLOROMETHANE	<0.20
DIBROMOCHLOROMETHANE	<0.20
1,2-DICHLOROBENZENE	<0.50
1,3-DICHLOROBENZENE	<0.50
1,4-DICHLOROBENZENE	<0.50
DICHLORODIFLUOROMETHANE	<0.20
1,1-DICHLOROETHANE	<0.20
1,2-DICHLOROETHANE	<0.20
1,1-DICHLOROETHENE	<0.20
1,2-DICHLOROETHENE (TOTAL)	<0.20
1,2-DICHLOROPROPANE	<0.20
CIS-1,3-DICHLOROPROPENE	<0.20
TRANS-1,3-DICHLOROPROPENE	<0.20
METHYLENE CHLORIDE	<2.0
1,1,2,2-TETRACHLOROETHANE	<0.20
TETRACHLOROETHENE	<0.20
1,1,1-TRICHLOROETHANE	<0.20
1,1,2-TRICHLOROETHANE	<0.20
TRICHLOROETHENE	<0.20
TRICHLOROFLUOROMETHANE	<2.0
VINYL CHLORIDE	<0.20

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	79
TRIFLUOROTOLUENE (%)	95



REAGENT BLANK

TEST : EPA 8010 (HALOGENATED VOLATILE ORGANICS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL...IMPERIAL BEACH
CLIENT I.D. : REAGENT BLANK

ATI I.D. : 004027
DATE EXTRACTED : N/A
DATE ANALYZED : 04/04/90
UNITS : UG/L
DILUTION FACTOR : N/A

Table with 2 columns: COMPOUNDS and RESULTS. Lists various chemical compounds and their corresponding results, mostly showing values less than 0.20.

SURROGATE PERCENT RECOVERIES

Table with 2 columns: Compound Name and Percent Recovery. Shows BROMOCHLOROMETHANE (%) at 101 and TRIFLUOROTOLUENE (%) at 104.



REAGENT BLANK

TEST : EPA 8010 (HALOGENATED VOLATILE ORGANICS)

CLIENT : CONVERSE ENVIRONMENTAL
 PROJECT # : 90-82-108-01
 PROJECT NAME : MOBIL...IMPERIAL BEACH
 CLIENT I.D. : REAGENT BLANK

ATI I.D. : 004027
 DATE EXTRACTED : N/A
 DATE ANALYZED : 04/06/90
 UNITS : UG/L
 DILUTION FACTOR : N/A

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.20
BROMOFORM	<0.20
BROMOMETHANE	<0.20
CARBON TETRACHLORIDE	<0.20
CHLOROBENZENE	<0.50
CHLOROETHANE	<0.20
CHLOROFORM	<0.20
CHLOROMETHANE	<0.20
DIBROMOCHLOROMETHANE	<0.20
1,2-DICHLOROBENZENE	<0.50
1,3-DICHLOROBENZENE	<0.50
1,4-DICHLOROBENZENE	<0.50
DICHLORODIFLUOROMETHANE	<0.20
1,1-DICHLOROETHANE	<0.20
1,2-DICHLOROETHANE	<0.20
1,1-DICHLOROETHENE	<0.20
1,2-DICHLOROETHENE (TOTAL)	<0.20
1,2-DICHLOROPROPANE	<0.20
CIS-1,3-DICHLOROPROPENE	<0.20
TRANS-1,3-DICHLOROPROPENE	<0.20
METHYLENE CHLORIDE	<2.0
1,1,2,2-TETRACHLOROETHANE	<0.20
TETRACHLOROETHENE	<0.20
1,1,1-TRICHLOROETHANE	<0.20
1,1,2-TRICHLOROETHANE	<0.20
TRICHLOROETHENE	<0.20
TRICHLOROFLUOROMETHANE	<2.0
VINYL CHLORIDE	<0.20

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	90
TRIFLUOROTOLUENE (%)	97

QUALITY CONTROL DATA

TEST : EPA 8010 (HALOGENATED VOLATILE ORGANICS)

ATI I.D. : 004027

 CLIENT : CONVERSE ENVIRONMENTAL
 PROJECT # : 90-82-108-01
 PROJECT NAME : MOBIL...IMPERIAL BEACH
 REF I.D. : 00347125

 DATE EXTRACTED : N/A
 DATE ANALYZED : 04/05/90
 SAMPLE MATRIX : WATER
 UNITS : UG/L

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	REC. %	DUP. SPIKED SAMPLE	DUP. REC. %	RPD
CHLOROFORM	<0.20	4.00	3.5	88	3.6	90	3
CHLOROBENZENE	<0.50	4.00	3.2	80	3.9	98	20
1,1-DICHLOROETHENE	<0.20	4.00	3.4	85	3.4	85	0
TRICHLOROETHENE	<0.20	4.00	3.2	71	4.1	91	25
TETRACHLOROETHENE	<0.20	4.00	3.4	85	4.0	100	16

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$



Analytical **Technologies, Inc.**

Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-4141

ATI I.D. 004053

April 10, 1990

Converse Environmental West
8823 Production Avenue
San Diego, California 92121

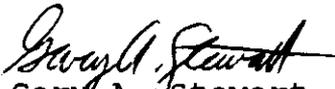
Project Name: Mobil/Imperial Beach

Project No.: 90-82-108-01

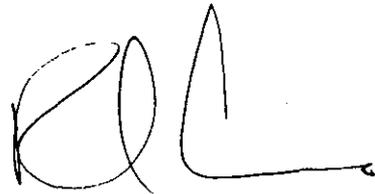
Attention: Rod Reeve

On April 5, 1990, Analytical Technologies, Inc. received thirteen soil samples for analysis. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. Please see the attached sheet for the sample cross reference.

The results of this analysis and the quality control data are enclosed.


Gary A. Stewart
GC Group Leader

GAS:bc


Richard M. Amano
Laboratory Manager



ANALYTICAL SCHEDULE

CLIENT: CONVERSE ENVIRONMENTAL
PROJECT NAME: MOBIL/IMPERIAL BEACH

PROJECT NO.: 90-82-108-01

ANALYSIS

TECHNIQUE

REFERENCE/METHOD

FUEL HYDROCARBONS

GC/FID

EPA 8015 (MODIFIED)/
CDOHS METHOD



CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
ATI I.D. : 004053

DATE RECEIVED : 04/05/90
REPORT DATE : 04/10/90

Table with 4 columns: ATI #, CLIENT DESCRIPTION, MATRIX, DATE COLLECTED. Contains 13 rows of sample data.

----- TOTALS -----

Summary table with 2 columns: MATRIX, # SAMPLES. Row 1: SOIL, 13.

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405301

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : SB-1 S-1 4'-5'
SAMPLE MATRIX : SOIL

DATE SAMPLED : 03/21/90
DATE RECEIVED : 04/05/90
DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/07/90
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS
HYDROCARBON RANGE
HYDROCARBONS QUANTITATED USING

<5.0
-
-



Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405302

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : SB-1 S-2 9'-10'
SAMPLE MATRIX : SOIL

DATE SAMPLED : 03/21/90
DATE RECEIVED : 04/05/90
DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/07/90
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS
HYDROCARBON RANGE
HYDROCARBONS QUANTITATED USING

<5.0

-
-
-





Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405303

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : SB-1 S-4 19'-20'
SAMPLE MATRIX : SOIL

DATE SAMPLED : 03/21/90
DATE RECEIVED : 04/05/90
DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/07/90
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS
HYDROCARBON RANGE
HYDROCARBONS QUANTITATED USING

<5.0

-

- ✓



Analytical **Technologies**, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405304

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT	: CONVERSE ENVIRONMENTAL	DATE SAMPLED	: 03/21/90
PROJECT #	: 90-82-108-01	DATE RECEIVED	: 04/05/90
PROJECT NAME	: MOBIL/IMPERIAL BEACH	DATE EXTRACTED	: 04/05/90
CLIENT I.D.	: SB-2 S-1 4'-5'	DATE ANALYZED	: 04/07/90
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
FUEL HYDROCARBONS	1300
HYDROCARBON RANGE	C6-C21
HYDROCARBONS QUANTITATED USING	GASOLINE



Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405305

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : SB-3 S-1 4'-5'
SAMPLE MATRIX : SOIL

DATE SAMPLED : 03/20/90
DATE RECEIVED : 04/05/90
DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/07/90
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS
HYDROCARBON RANGE
HYDROCARBONS QUANTITATED USING

<5.0
-
-



Analytical **Technologies, Inc.**

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405306

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : SB-4 S-2 10'-11'
SAMPLE MATRIX : SOIL

DATE SAMPLED : 03/20/90
DATE RECEIVED : 04/05/90
DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/07/90
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS
HYDROCARBON RANGE
HYDROCARBONS QUANTITATED USING

<5.0
-
-



Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405307

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT	: CONVERSE ENVIRONMENTAL	DATE SAMPLED	: 03/21/90
PROJECT #	: 90-82-108-01	DATE RECEIVED	: 04/05/90
PROJECT NAME	: MOBIL/IMPERIAL BEACH	DATE EXTRACTED	: 04/05/90
CLIENT I.D.	: SB-5 S-1 4'-5'	DATE ANALYZED	: 04/07/90
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
FUEL HYDROCARBONS	<5.0 ✓
HYDROCARBON RANGE	-
HYDROCARBONS QUANTITATED USING	-



Analytical **Technologies, Inc.**

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405308

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : SB-5 S-2 9'-10'
SAMPLE MATRIX : SOIL

DATE SAMPLED : 03/21/90
DATE RECEIVED : 04/05/90
DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/09/90
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS
HYDROCARBON RANGE
HYDROCARBONS QUANTITATED USING

<5.0
-
-



Analytical **Technologies, Inc.**

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405309

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : MW-7 S-2 9'-10'
SAMPLE MATRIX : SOIL

DATE SAMPLED : 03/20/90
DATE RECEIVED : 04/05/90
DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/07/90
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS <5.0
HYDROCARBON RANGE -
HYDROCARBONS QUANTITATED USING -



Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405310

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : MW-8 S-2 9'-10'
SAMPLE MATRIX : SOIL

DATE SAMPLED : 03/21/90
DATE RECEIVED : 04/05/90
DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/07/90
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS <5.0
HYDROCARBON RANGE -
HYDROCARBONS QUANTITATED USING -



Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405311

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : MW-5 S-1 4'-5'
SAMPLE MATRIX : SOIL

DATE SAMPLED : 03/21/90
DATE RECEIVED : 04/05/90
DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/07/90
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS	RESULTS
FUEL HYDROCARBONS	<5.0
HYDROCARBON RANGE	-
HYDROCARBONS QUANTITATED USING	-



Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405312

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : MW-5 S-2 9'-10'
SAMPLE MATRIX : SOIL

DATE SAMPLED : 03/21/90
DATE RECEIVED : 04/05/90
DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/07/90
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS

RESULTS

FUEL HYDROCARBONS <5.0
HYDROCARBON RANGE -
HYDROCARBONS QUANTITATED USING -



Analytical **Technologies, Inc.**

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 00405313

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
CLIENT I.D. : MW-6 S-2 9'-10'
SAMPLE MATRIX : SOIL

DATE SAMPLED : 03/20/90
DATE RECEIVED : 04/05/90
DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/07/90
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS	RESULTS
FUEL HYDROCARBONS	<5.0
HYDROCARBON RANGE	-
HYDROCARBONS QUANTITATED USING	-



QUALITY CONTROL DATA

ATI I.D. : 004053

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)

CLIENT : CONVERSE ENVIRONMENTAL
PROJECT # : 90-82-108-01
PROJECT NAME : MOBIL/IMPERIAL BEACH
REF I.D. : 00405305

DATE EXTRACTED : 04/05/90
DATE ANALYZED : 04/07/90
SAMPLE MATRIX : SOIL
UNITS : MG/KG

Table with 8 columns: COMPOUNDS, SAMPLE CONC. RESULT, SAMPLE SPIKED, SPIKED SAMPLE REC., % SPIKED REC., DUP. SAMPLE REC., DUP. % REC., RPD. Row 1: FUEL HYDROCARBONS, <5.0, 500, 450, 90, 420, 84, 7

% Recovery = (Spike Sample Result - Sample Result) / Spike Concentration X 100

RPD (Relative % Difference) = (Spiked Sample Result - Duplicate Spike Sample Result) / Average of Spiked Sample X 100

QUALITY CONTROL DATA

TEST : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS) ATI I.D. : 004053
 CLIENT : CONVERSE ENVIRONMENTAL DATE EXTRACTED : 04/05/90
 PROJECT # : 90-82-108-01 DATE ANALYZED : 04/07/90
 PROJECT NAME : MOBIL/IMPERIAL BEACH SAMPLE MATRIX : SOIL
 REF I.D. : 00405313 UNITS : MG/KG

COMPOUNDS	SAMPLE CONC. RESULT	CONC. SPIKED	SPIKED SAMPLE	%	DUP.		RPD
					SPIKED SAMPLE	% REC.	
FUEL HYDROCARBONS	<5.0	500	390	78	410	82	5

$$\text{\% Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Mobil Oil Corporation

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

March 29, 1990

Mr. Donn LiPera
San Diego County HMMD
P. O. Box 85261
San Diego, CA 92138-5261

MOBIL OIL CORPORATION
SERVICE STATION CLEAN-UP
PROGRESS REPORT

Dear Mr. LiPera:

This letter is to update you on the current progress of the clean-up at the subject location. As follows:

18-FPL 681 State Hwy 75 and Palm, Imperial Beach
- Beneficial use aquifer. Dissolved phase ground water contamination found in three of the four on site monitoring wells. Additional characterization required. Soil gas survey results were submitted on 3/15/90 with the additional site characterization report by 4/30/90. TCE was found; a dry cleaners is next door. Rebuild is scheduled for July 1990.

If you have any questions, please feel free to contact me at (818) 953-2519.

Sincerely,



David M. Noe, P.E.
Groundwater Projects Engineer

DMN:st

cc: Mr. Jim Munch
RWQCB - San Diego Region
9771 Clairemont Mesa Blvd., Suite B
San Diego, CA 92124-1331

C. D. Smith - Oceanside

Mobil Oil Corporation

MAR 19 3 55 PM '90

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

March 15, 1990

Mr. Donn LiPera
San Diego County DOHS - HMMU
P.O. Box 85621
San Diego, CA 92138

MOBIL OIL CORPORATION
S/S 18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA

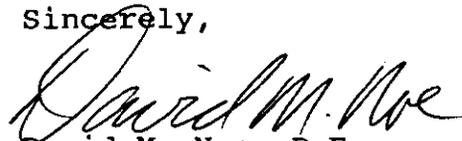
Dear Mr. LiPera:

Enclosed for your information is the Soil Gas Survey, dated March 1989 (sic), for subject location. The Soil Gas Survey, done in 1990, suggests a gasoline source north of the product tank area, consistent with the Owen Consultants report dated April 13, 1989. This site is scheduled to be rebuilt this summer. Converse Environmental is currently performing additional site work, including soil borings and monitoring wells. We will have the additional assessment report to you by April 30, 1990.

The chromatograms of samples collected west of the pump island are typical of tetrachloroethene, a chlorinated hydrocarbon commonly used as a dry cleaning solvent. A dry cleaners is present to the west. Additionally, the water sample from the well adjacent to the waste oil tank will be analyzed using EPA method 624 to evaluate the potential contamination from the waste oil tank.

If you have any questions, please do not hesitate to contact me at (818) 953-2519.

Sincerely,



David M. Noe, P.E.
Groundwater Projects Engineer

DMN:st
enclosure

cc: Mr. Jim Munch (w/ enclosure)
RWQCB - San Diego Region
9771 Clairemont Blvd., San Diego, CA 92124

C. D. Smith - Oceanside (w/o)
C. S. Hickey - Burbank (w/o)

HHMMU

MAR 19 3 55 PM '90

SOIL GAS SURVEY

MOBIL SERVICE STATION #18-FPL

681 HIGHWAY 75

IMPERIAL BEACH, CALIFORNIA

PREPARED FOR

MOBIL OIL CORPORATION

3142 VISTA WAY, SUITE 440

OCEANSIDE, CALIFORNIA

PREPARED BY

TARGET ENVIRONMENTAL SERVICES, INC.

OAKLAND CENTER

8940-A ROUTE 108

COLUMBIA, MARYLAND 21045

(301) 992-6622

MARCH 1989

Introduction

Petroleum hydrocarbons have been detected in soil samples and monitoring wells at the site of Mobil Service Station #18-FPL, 681 Highway 75, Imperial Beach, California. Mobil Oil Corporation contracted Target Environmental Services, Inc. (TARGET) to perform a soil gas survey to assist in determining the extent of subsurface contamination. The field phase of the soil gas survey was conducted on February 26 and 27, 1990.

Detectability

The soil gas survey data presented in this report are the result of precise sampling and measurement of contaminant concentrations in the vadose zone. Analyte detection at a particular location is representative of vapor, dissolved, and/or liquid phase contamination at that location. The presence of detectable levels of target analytes in the vadose zone is dependent upon several factors, including the presence of vapor-phase hydrocarbons or dissolved or liquid concentrations adequate to facilitate volatilization into the unsaturated zone.

Terminology

In order to prevent misunderstanding of certain terms used in this report, the following clarifications are offered:

The term "feature" is used in reference to a discernable pattern in the contoured data. It denotes a contour form rather than a definite or separate chemical occurrence.

The term "occurrence" is used to indicate an area where chemical compounds are present in sufficient concentrations to be detected by the analysis of soil vapors. The term is not indicative of any specific mode of occurrence (vapor, dissolved, etc), and does not necessarily indicate or suggest the presence of "free product" or "phase-separated hydrocarbons".

The term "anomaly" refers to an area where hydrocarbons were measured in excess of what would normally be considered "natural" or "background" levels.

The term "analyte" refers to any of the hydrocarbons standardized for quantification in the chromatographic analysis.

The term "vadose zone" represents the unsaturated zone between the ground water table and the ground surface.

The term "indicates" is used when evidence dictates a unique conclusion. The term "suggests" is used when several explanations of certain evidence are possible, but one in particular seems more likely. As a result, "indicates" carries a higher degree of confidence in a conclusion than does "suggests".

Field Procedures

Soil gas samples were collected at a total of 23 locations at the site, as shown in Figure 1. To collect the samples, a hydraulic probe was used to advance connected 3' sections of 1" diameter threaded steel casing down to depths varying from 8' to 11'. Where pavement was present, an electric hammer drill was employed for penetration prior to using the drive rod. The entire sampling system was purged with ambient air drawn through an organic vapor filter cartridge. A teflon line was inserted into the casing to the bottom of the hole, and the hole was sealed off from the atmosphere using an inflatable packer. A sample of in-situ soil gas was then withdrawn through the probe and used to purge atmospheric air from the sampling system. A second sample of soil gas was withdrawn through the probe and encapsulated in a pre-evacuated glass vial at two atmospheres of pressure (15 psig). The self-sealing vial was detached from the sampling system, packaged, labeled, and stored for laboratory analysis.

RELATIVE
TO GRD.
SURFACE
OR ∇
 ∇ 21-22'

Prior to the day's field activities all sampling equipment, drive rods, and probes were decontaminated by washing with soapy distilled water and rinsing with distilled water. Internal surfaces were flushed dry using pre-purified nitrogen, and external surfaces were wiped clean using clean paper towels.

Field control samples were collected at the beginning and end of each day's field activities. These QA/QC samples were obtained by inserting the probe tip into a tube flushed by a 20 psi flow of pre-purified nitrogen and collecting in the same manner as described above.

Laboratory Procedures

All of the samples collected during the field phase of the survey were analyzed according to EPA Method 602 on a gas chromatograph equipped with a flame ionization detector (GC/FID), but using direct injection instead of purge and trap. Analytes selected for standardization were:

methyl tertiary butyl ether (MTBE)
benzene
toluene
ethylbenzene
meta- and para- xylene
ortho-xylene

) Low HLC
vs.
sol.

These compounds were chosen because of their utility in evaluating the presence of petroleum products such as fuels, lubricating oils, and non-halogenated solvents.

FID Total Volatiles values were generated by summing the areas of all integrated chromatogram peaks and calculated using the instrument response factor for toluene. Injection peaks, which also contain the light hydrocarbon methane, were excluded to avoid the skewing of Total Volatiles values due to injection disturbances and biogenic methane. For samples with low hydrocarbon concentrations, the calculated Total Volatiles concentration is occasionally lower than the sum of the individual analytes. This is because the response factor used for the Total Volatiles calculation is a constant, whereas the individual analyte response factors vary with concentration. It is important to understand that the Total Volatiles levels reported are relative, not absolute, values.

Sample 24 was analyzed according to EPA Method 601 on gas chromatograph equipped with an electron capture detector (ECD), but using direct injection instead of purge and trap. Specific

analytes standardized for the ECD analysis were:

1,1-dichloroethene (11DCE)
methylene chloride (MC)
trans-1,2-dichloroethene (t-12DCE)
chloroform (CF)
1,1-dichloroethane (11DCA)
carbon tetrachloride (CT)
cis-1,2-dichloroethene (c-12DCE)
1,1,1-trichloroethane (111TCA)
trichloroethene (TCE)
1,1,2-trichloroethane (112TCA)
tetrachloroethene (PCE)

The chlorinated hydrocarbons in this suite were chosen because of their common usage in industrial solvents, and/or their degradational relationship to commonly used compounds.

The analytical equipment was calibrated using an instrument-response curve and injection of known concentrations of the above standards. Retention times of the standards were used to identify the peaks in the chromatograms of the field samples, and their response factors were used to calculate the analyte concentrations. The tabulated results of the laboratory analysis of the soil gas samples are reported in micrograms per liter ($\mu\text{g}/\text{l}$) in Tables 2 and 3. Although "micrograms per liter" is equivalent to "parts per billion (v/v)" in water analyses, they are not equivalent in gas analyses, due to the difference in the mass of equal volumes of water and gas matrices.

Map sample points with no data shown indicate that the analyte concentrations in the sample were below the detection limit. Because MTBE and pentane co-elute, they are listed together in the table.

For QA/QC purposes, a duplicate analysis was performed on

every tenth field sample. Laboratory syringe blanks of carrier gas were also analyzed after every tenth field sample.

Discussion and Interpretation of Results

In order to provide graphic presentation of the results, individual data sets in Table 1 have been mapped and contoured to produce Figures 2 through 6. Dashed contours are used where patterns are extrapolated into areas of less complete data, or as auxiliary contours.

The Total Volatiles (Figure 2) were highest east of the northern pump islands (Station 15), with a slightly lower level extending southward toward the tank area (Station 19). Relatively low levels were observed west of the pump islands.

Comparable concentrations of MTBE/pentane (Figure 3) were present east of the northern pump islands and northeast of the tank area (Stations 15 and 19), where Total Volatiles were highest.

Benzene (Figure 4) was highest at Station 15, east of the northern pump islands. Markedly lower concentrations extend the feature northward to Highway 75 and southward toward Palm Avenue. A very low level anomaly was also present north of the building on the west side of the northern pump islands (Stations 13, 17, and 18).

The toluene occurrence (Figure 5) resembled the MTBE/pentane feature except that it was more extensive to the north. Like MTBE/pentane, m- and p-xylene, o-xylene and ethylbenzene, as exemplified by the m- and p-xylene map (Figure 6), occurred only at Stations 15 and 19.

The chromatogram signature of Sample 15 (east of the northern pump islands) is typical of slightly weathered gasoline, while that of Sample 19 (northeast of the tank area) shows characteristics of

a weathered mixture of gasoline and diesel fuel/fuel oil. The chromatograms of samples collected west of the pump islands are dominated by a peak with a retention time of 5.5 minutes, typical of the chlorinated hydrocarbon, tetrachloroethene (PCE). Subsequent GC/ECD analysis of Sample 24 confirmed the presence of a relatively high level of PCE (177 $\mu\text{g}/\text{l}$), as reported in Table 3. PCE is a commonly used dry cleaning solvent. The PCE occurrence in the western portion of the site may be related to the dry cleaners reportedly present to the west.

The xylenes are less volatile and less soluble than the other analytes, adsorb more readily to soil particles and tend to remain nearer to the source. As a result, the xylenes are usually good indicators of source location(s). The xylene patterns suggest that petroleum hydrocarbons entered the subsurface in the northeastern portion of the site. The introduction events may be related to the northern pump islands, the tank area and/or the interconnecting piping.

TABLE 1
SAMPLING DEPTH

<u>SAMPLE</u>	<u>DEPTH (FEET)</u>
6	11
7	11
8	11
9	8
10	8
11	8
12	11
13	11
14	8
15	8
16	8
17	11
18	8
19	8
20	8
21	8
22	8
23	8
24	8
25	8
26	8
27	8
28	8

TABLE 2

LABORATORY RESULTS
FLAME IONIZATION DETECTOR ANALYSIS
CONCENTRATIONS IN MICROGRAMS-PER-LITER

SAMPLE	PENTANE/ MTBE ¹	ETHYL- BENZENE	TOLUENE	BENZENE	m- & p- XYLENE	o- XYLENE	TOTAL VOLATILES ²
6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.5
7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.5
8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
9	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0
10	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	10
13	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	8.3
14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.4
15	35	78	84	190	388	56	10,440
16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
17	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	12
18	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	5.4
19	26	8.5	52	143	291	110	3,463
20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5
22	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7
23	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	1.2
24	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	26
25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	18
26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0
27	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

¹CONCENTRATIONS BASED ON RESPONSE FACTOR OF MTBE

²CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 2 (cont)

LABORATORY RESULTS
FLAME IONIZATION DETECTOR ANALYSIS
CONCENTRATIONS IN MICROGRAMS-PER-LITER

<u>SAMPLE</u>	<u>PENTANE/ MTBE¹</u>	<u>ETHYL- BENZENE</u>	<u>TOLUENE</u>	<u>BENZENE</u>	<u>m- & p- XYLENE</u>	<u>o- XYLENE</u>	<u>TOTAL VOLATILES²</u>
<u>FIELD CONTROL SAMPLES</u>							
1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
<u>LABORATORY DUPLICATE ANALYSES</u>							
11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5
21R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2
<u>LABORATORY SYRINGE BLANKS</u>							
BCMIB-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
BCMIB-2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

¹CONCENTRATIONS BASED ON RESPONSE FACTOR OF MTBE

²CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 3

LABORATORY RESULTS
ELECTRON CAPTURE DETECTOR ANALYSIS
CONCENTRATIONS IN MICROGRAMS-PER-LITER

<u>SAMPLE</u>	<u>11DCE</u>	<u>MC</u>	<u>t12DCE</u>	<u>11DCA</u>	<u>c12DCE</u>	<u>CF</u>	<u>111TCA</u>	<u>CT</u>	<u>TCE</u>	<u>112TCA</u>	<u>PCE</u>
24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	177
<u>FIELD CONTROL SAMPLES</u>											
1	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05

11DCE = 1,1-dichloroethene
t12DCE = trans-1,2-dichloroethene
c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

MC = methylene chloride
11DCA = 1,1-dichloroethane
CF = chloroform
CT = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

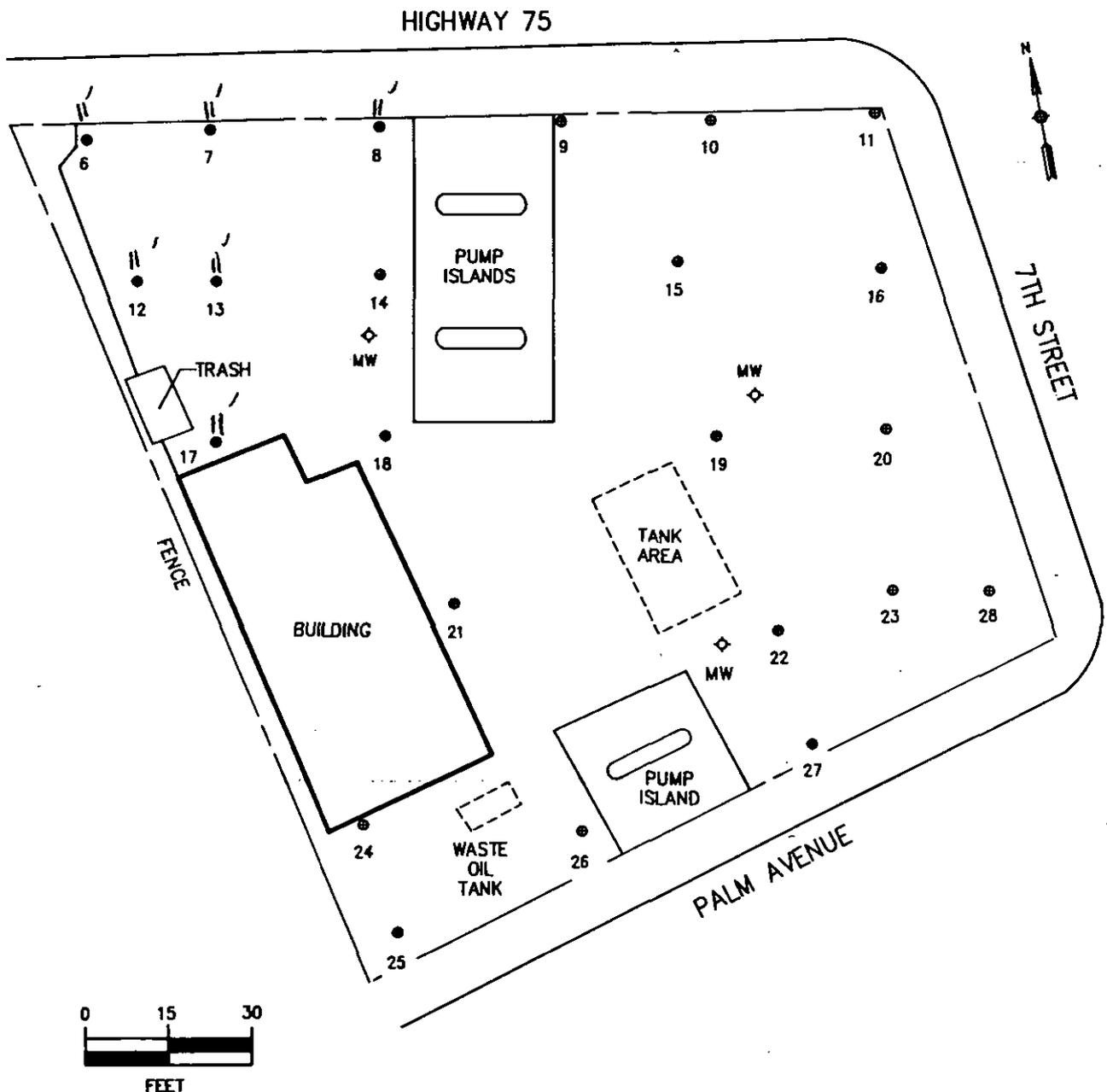


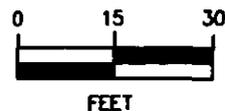
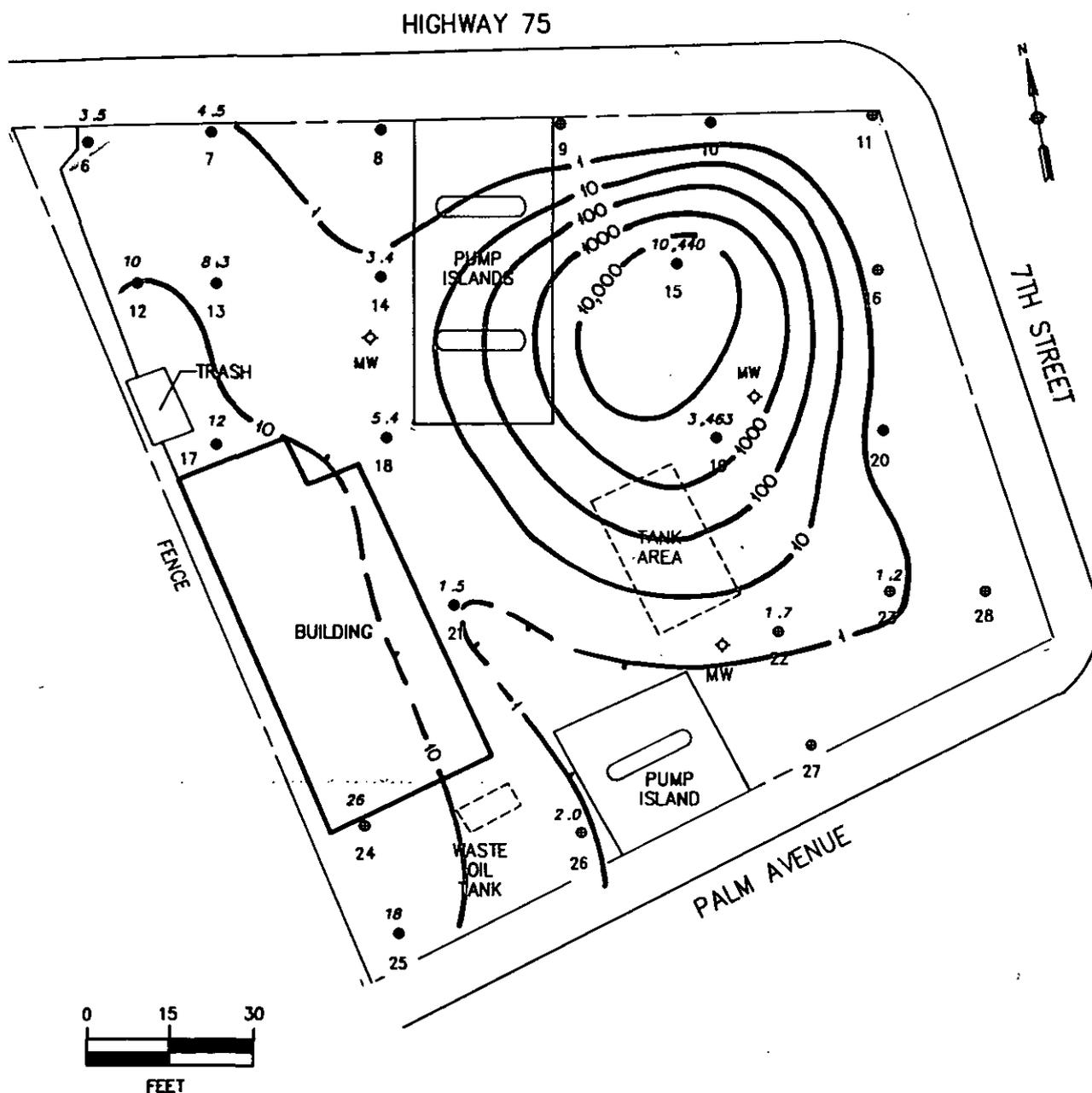
FIGURE 1. Sample Locations



TARGET ENVIRONMENTAL SERVICES, INC.

This map is integral to a written report and should be viewed in that context.

MOBIL SERVICE STATION #18-FPL
IMPERIAL BEACH, CALIFORNIA



- SOIL GAS SAMPLE LOCATION
- ◇ MONITORING WELL

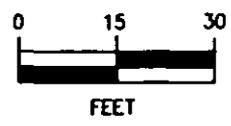
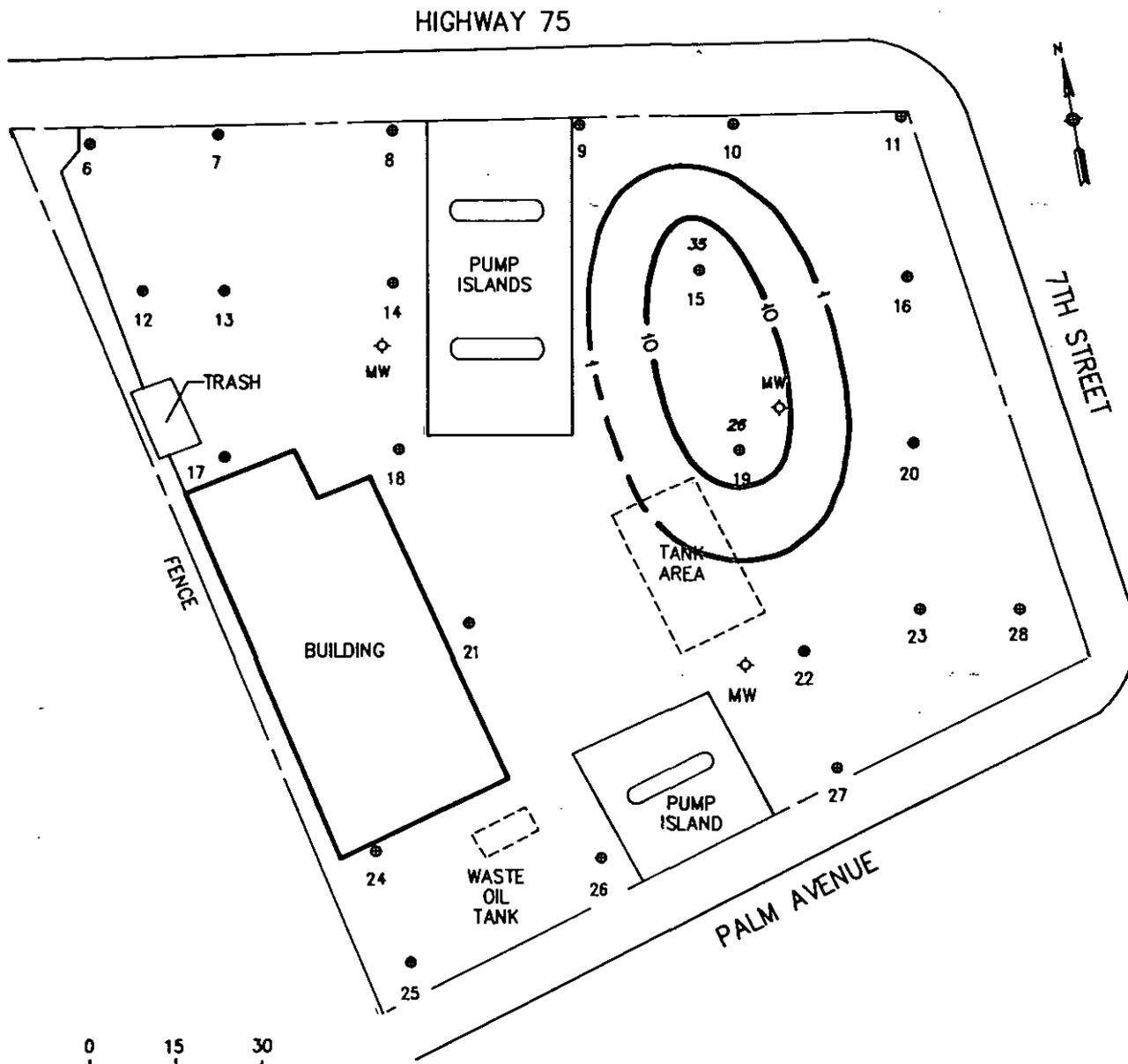
FIGURE 2. FID Total Volatiles
(calc'd µg/l)



TARGET ENVIRONMENTAL SERVICES, INC.

This map is integral to a written report
and should be viewed in that context.

MOBIL SERVICE STATION #18-FPL
IMPERIAL BEACH, CALIFORNIA



● SOIL GAS SAMPLE LOCATION
 ◇ MONITORING WELL

FIGURE 3. Methyl Tertiary Butyl Ether (MTBE) ($\mu\text{g/l}$)



MOBIL SERVICE STATION #18-FPL
 IMPERIAL BEACH, CALIFORNIA

This map is integral to a written report
 and should be viewed in that context.

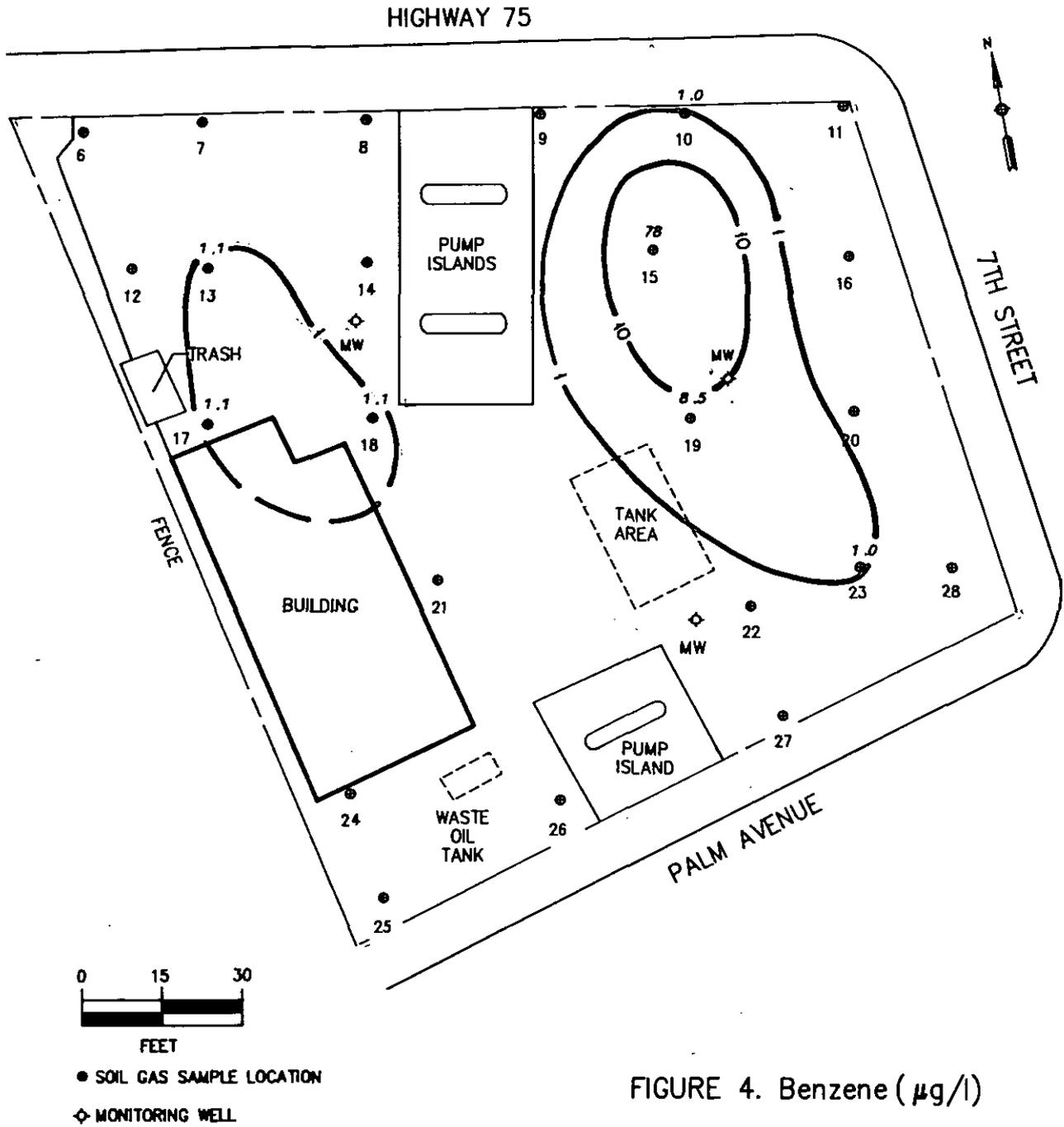


FIGURE 4. Benzene ($\mu\text{g/l}$)



This map is integral to a written report and should be viewed in that context.

MOBIL SERVICE STATION #18-FPL
IMPERIAL BEACH, CALIFORNIA

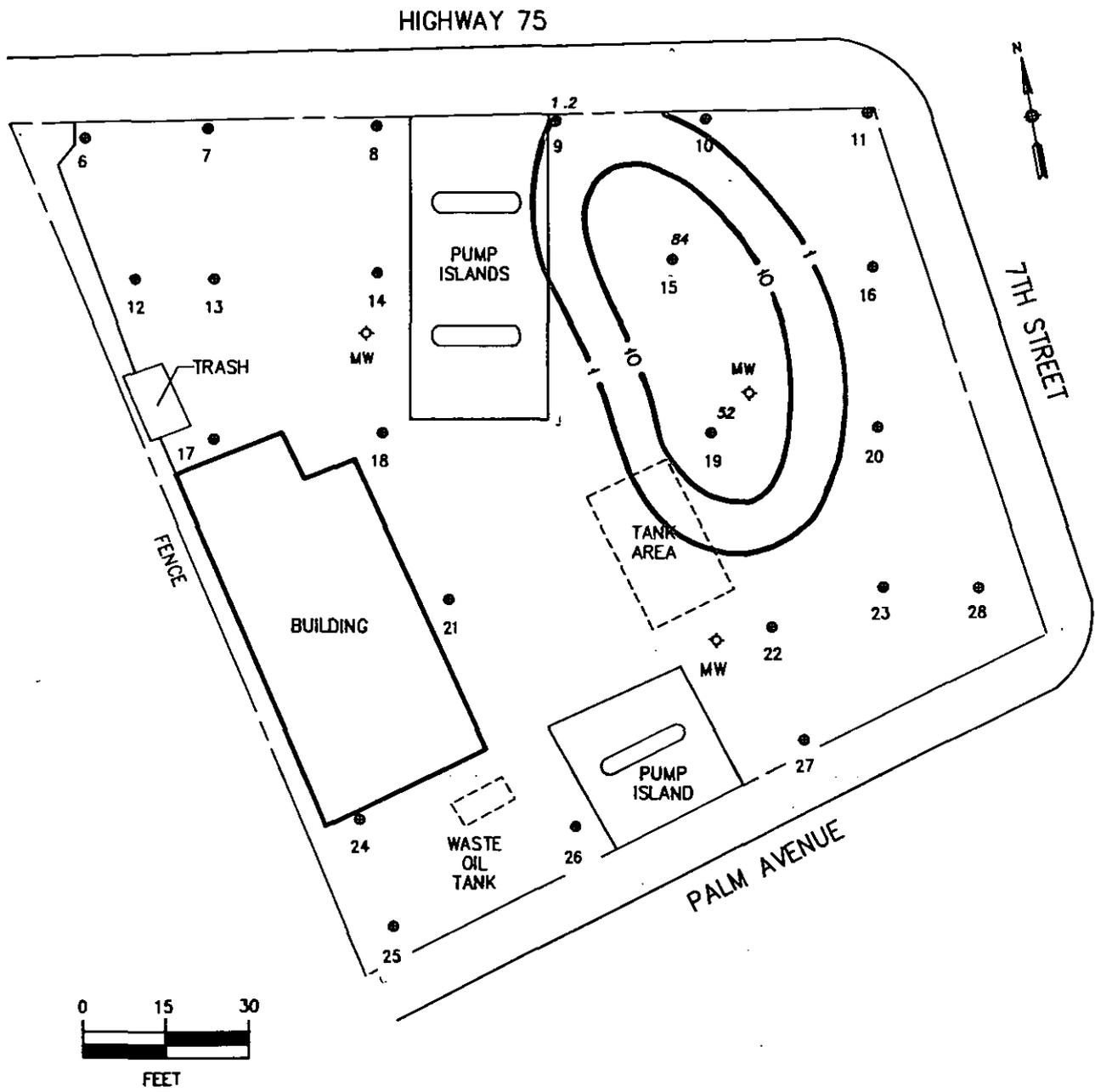
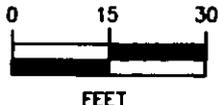
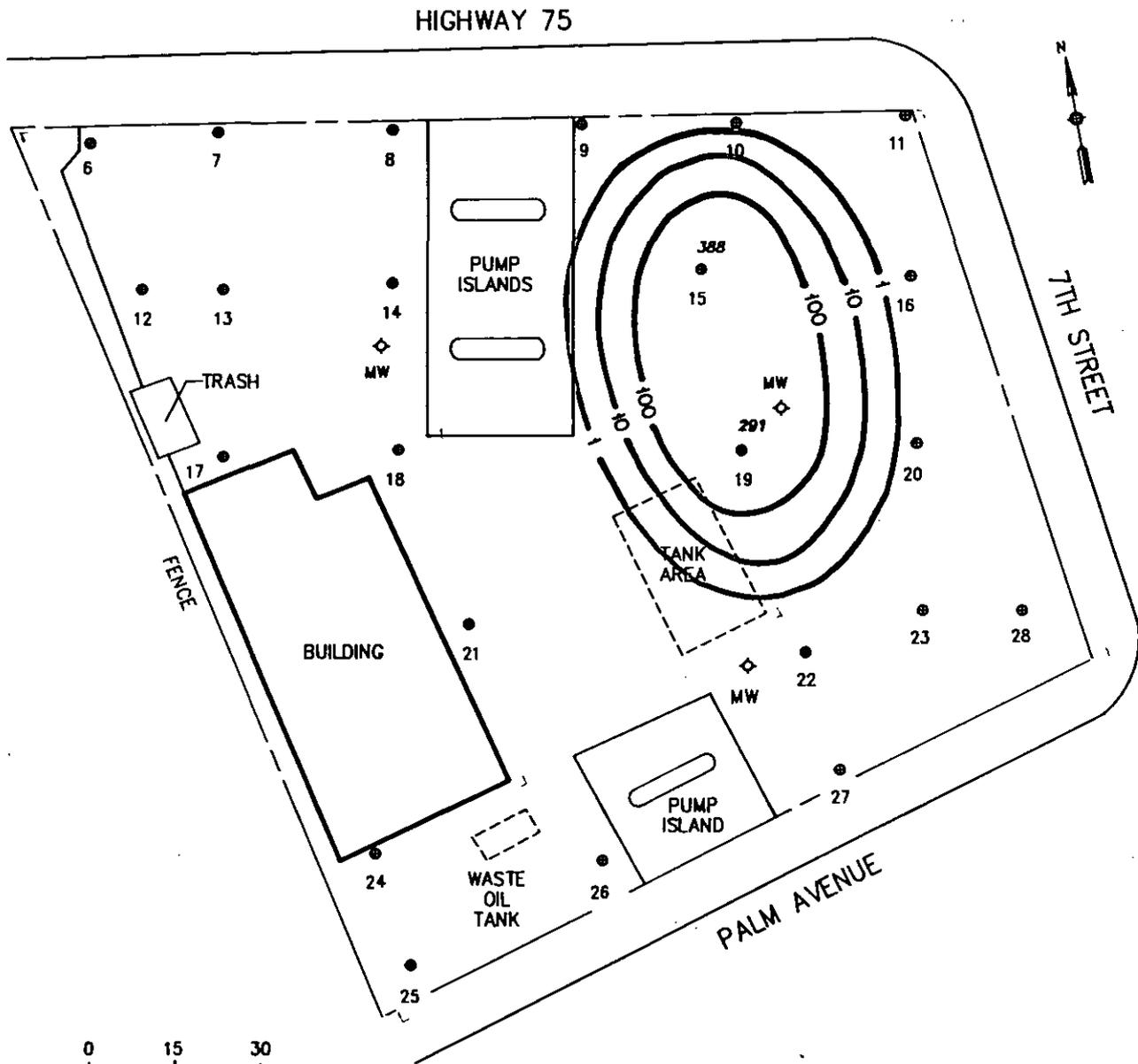


FIGURE 5. Toluene ($\mu\text{g/l}$)



This map is integral to a written report and should be viewed in that context.

MOBIL SERVICE STATION #18-FPL
IMPERIAL BEACH, CALIFORNIA



- SOIL GAS SAMPLE LOCATION
- ◇ MONITORING WELL

FIGURE 6. meta- and para-Xylene ($\mu\text{g/l}$)



This map is integral to a written report and should be viewed in that context.

MOBIL SERVICE STATION #18-FPL
IMPERIAL BEACH, CALIFORNIA

Mobil Oil Corporation

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

March 15, 1990

Mr. Donn LiPera
San Diego County DOHS - HMMD
P.O. Box 85621
San Diego, CA 92138

MOBIL OIL CORPORATION
S/S 18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA

Dear Mr. LiPera:

Enclosed for your information is the Work Plan, dated March 10, 1990, for subject location for the additional site assessment work to be performed by Converse Environmental. The work will include soil borings and monitoring wells. We plan on having the additional assessment report to you by April 30, 1990.

If you have any questions, please do not hesitate to contact me at (818) 953-2519.

Sincerely,



David M. Noe, P.E.
Groundwater Projects Engineer

DMN:st
enclosure

cc: Mr. Jim Munch (w/ enclosure)
RWQCB - San Diego Region
9771 Clairemont Blvd., San Diego, CA 92124

C. D. Smith - Oceanside (w/o)



March 5, 1990

Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, California 92056-3608

Attention: Mr. Chuck Smith

Subject: WORK PLAN AND COST PROPOSAL
Mobil Oil Service Station 18-FPL
681 Highway 75 and Palm Avenue
Imperial Beach, California
CEW Project No. 90-82-108-00

Dear Chuck:

Presented below is our work plan and attached costs for expanded assessment and characterization of soil and groundwater contamination at the Mobil Oil service station 18-FPL located in Imperial Beach, California. Following the review of data collected by Owen Consultants, we propose additional characterization of soils and groundwater on site to aid in developing a more complete site characterization from which a cost effective remediation plan may be developed, if required.

INTRODUCTION

Converse Environmental West (CEW) was requested to review previous work performed at the Mobil Oil Service Station 18-FPL located at 681 Highway 75 and Palm Avenue in Imperial Beach, California. The subject site has been impacted by petroleum hydrocarbons from underground gasoline storage tanks systems. Soil contamination and groundwater contamination (dissolved phase) have been identified in previous environmental assessments. The site is presently an active service station.

SCOPE OF WORK

We propose the following scope of work to further define the groundwater and soil contamination at the subject site.

Task 1: Sample Groundwater Monitoring Wells

To evaluate the existing dissolved phase plume beneath the site, CEW will purge and sample the existing groundwater monitoring wells (Figure 1). Monitoring wells will be purged of a minimum of three (3) well volumes with a hand-operated mechanical lift pump. Samples will be collected with disposable polyethylene bailers.

All well sampling equipment not dedicated to a specific well will be decontaminated with Alconox (TSP detergent), and rinsed with distilled water between use at each well. Purged waters will be stored onsite in D.O.T. approved drums, until receipt of laboratory analysis.

In our opinion this task be performed as soon as possible to aid in locating additional groundwater monitoring wells.

Task 2: Soil Borings

Five soil borings will be drilled at the approximate locations shown on Figure 1. Soil borings and borings for groundwater monitoring wells will all be pre-dug to four feet below grade by hand to reduce the potential for intercepting underground utilities. Soil borings will be sampled at 5-foot intervals. Samples will be retained for laboratory analysis. All soil samples obtained from borings will be field screened with a PID meter (MicroTip) in order to designate samples for laboratory analysis. Borings will be advanced with a hollow-stem auger drill rig to depths of approximately 25 feet. Based on review of work performed onsite by Owen Consultants, groundwater is believed to be approximately 22 feet below ground surface. Samples will be retained in brass sleeves sealed with teflon and plastic caps. Soil samples will be analyzed by a mobile laboratory onsite. Borings will be backfilled with neat cement to approximately three feet below the ground surface.

Task 3: Install Groundwater Monitoring Wells

In addition to the soil borings, three monitoring wells will be installed at the approximate locations shown on Figure 1. A fourth well may be installed in the northwest corner of the site if groundwater test results indicate the presence of hydrocarbons in existing monitoring well OMW-1. Monitoring wells will consist of 4-inch flush-threaded PVC with appropriate filter pack material surrounding a 0.020-inch factory slot screen section extending approximately ten feet below the groundwater surface. A 3-foot bentonite seal will be placed above the filterpack.

A bentonite/cement grout will extend from the bentonite seal to approximately 2-feet below the ground surface where a flush mount, water resistant well monument will be installed in concrete. Security will be provided for the well by installing a

locking well cover. Monitoring well covers will be painted white with a black triangle in accordance with API specifications.

Task 4: Survey Monitoring Wells

The elevations of all monitoring wells (those installed by CEW, and those previously installed by Owen Consultants), will be determined relative to an established benchmark. Review of the plan drawing prepared by KHR Associates indicates the City of Imperial Beach has established a datum benchmark to the east of the site across Seventh Street.

Task 5: Develop and Sample Monitoring Wells

Development will be accomplished by surging and purging of the wells until such time that various parameters such as ph, conductivity, temperature, and turbidity stabilize. Sampling will be performed as discussed in Task 1.

Task 6: Disposal of Soil and Development Water

CEW will contract the services of an approved disposal agent to remove development and purge water generated from the monitoring wells as well as the soil generated during drilling procedures.

Task 7: Laboratory Analysis

Soil and groundwater samples will be analyzed by a state certified laboratory (Analytical Technologies Inc.), for fuel hydrocarbons and BTEX by modified EPA Method 8015 and EPA method 8020, respectively. The soil sample analysis will be performed by a mobile laboratory provided by Analytical Technologies Inc.

Task 8: Report of Findings

Following completion of the investigation, a draft report will be prepared for submittal to Mobil Oil Corporation. The report will address the current soil and groundwater conditions onsite. Recommendations for development of a site remediation plan will also be presented, if required. CEW will prepare and submit a final report, incorporating comments provided by Mobile Oil Corporation.

Task 9: Project Management and Review of HMMD Documents

This task will provide project management including project scheduling, preparation of memoranda regarding project progress, and invoice preparation. In addition, this task includes review of San Diego County Hazardous Materials Management Division documents relating to the site vicinity.

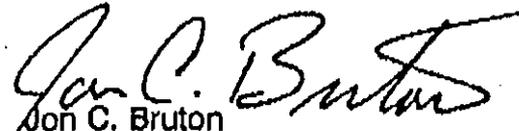
We trust that the scope of services and costs are acceptable. Please call if you have any questions regarding this proposal.

Respectfully,

CONVERSE ENVIRONMENTAL WEST



Rod Reeve
Senior Geologist


Jon C. Bruton
Principal Engineer

RNR/JCB/ncm

Mobil Oil Corporation

3142 VISTA WAY, SUITE #400
OCEANSIDE, CA 92056

Mr. Donn LiPera
County of San Diego DOHS
Haz. Materials Management Division
P.O. Box 85261
San Diego, CA 92138

August 5, 1991

RE: MOBIL OIL CORP.'s
UPDATE REPORTS TO
S.D. COUNTY HMMMD

Dear Mr. LiPera:

I am writing you in response to our meeting on February 19, 1991 at the HMMMD. In this meeting you and I briefly went through our own list of projects and compared them to ensure that sites which the HMMMD had listed as "open cases" (ones requiring updates to the HMMMD and/or action), Mobil Oil is aware of, and in compliance.

In our meeting we also discussed the possibility of having some of Mobil's over forty projects in the San Diego County updated to the HMMMD on a quarterly, as opposed to, a monthly basis. Attached please find a list of projects I have broken out by Mobil station #, street address, as well as the HMMMD's T and H numbers, and in categories specifying which projects I request to be updated monthly and which quarterly. I categorized each site with the use of the following four main criteria: 1) whether or not there is free product, 2) whether or not the site is in a beneficial use area, 3) whether or not the site has an operational remediation system at this time, and 4) whether or not the site has been submitted for closure.

Please review this list and give me your feedback. If you have any questions or need any additional information, please do not hesitate to call me @ (619) 439-5069.

8/16/91 REVIEWED AND APPROVED
WITH MODIFICATIONS NOTED -

DL

Sincerely,

Katja Rytokoski
Katja Rytokoski
Project Engineer II

kmr
attachment

cc: W.B. Craig - Oceanside
D.J. Hill - Burbank 2000

3 RD STR

MONTHLY UPDATES

QUARTERLY UPDATES

18-D4D 120 W. SAN YSIDRO
SAN YSIDRO, CA
T0831/H01577

18-E6R 102 W. MISSION AVE.
ESCONDIDO, CA
T08283/H05426

18-E7Q 300 W. GRAND AVE.
ESCONDIDO, CA
T00080/H10475

18-EJV 2201 FLETCHER PKWY.
EL CAJON, CA
T0625/H04005

18-EKA 5197 WARING ROAD
SAN DIEGO, CA
T1898/H13505

18-F7M 477 HARBOR DRIVE
OCEANSIDE, CA
T1134/H12750

18FKT 5900 SEVERIN DR.
LA MESA, CA
T01896/H13294

18-FM7 902 THIRD ST.
CHULA VISTA, CA
T1503/H14165

18-FPL 681 STATE HWY. 75
IMPERIAL BEACH, CA
T01392/H05459

18-FYJ 899 PALOMAR AIRPRT RD.
CARLSBAD, CA
T01467/H12547

18-G3B 6101 MISSION GORGE
SAN DIEGO, CA
70565/H13024

18-E8T 13556 POWAY RD.
POWAY, CA
T00423/H01535

18-EH2 7204 BROADWAY
LEMON GROVE, CA
T01615/H12538

18-ETT 3520 SWEETWATER
SPRING VALLEY, CA
T0847/H05488

18-F8W 3961 GOVERNOR DR.
SAN DIEGO, CA
T0487/H19409

18-F95 6066 BALBOA AVE.
SAN DIEGO, CA
T0213/H12820

18-FJD 5450 JACKSON DR.
LA MESA, CA
T0512/H20555

18-FMF 3 NAPLES ST.
CHULA VISTA, CA
T00662/H13040

18-FPV 1624 ROSECRANS
SAN DIEGO, CA
T0919/H13122

18-FVJ 7501 LA JOLLA BLVD.
LA JOLLA, CA
T0701/H12743

18-FX2 410 W. VISTA WAY
VISTA, CA
T01325/H12928

18-FXR 3209 GOVERNOR DR.
SAN DIEGO, CA
T01124/H13499

18-G4H 12849 RANCHO PENASQUITOS
RANCHO PENASQUITOS, CA
T1480/H12796

MONTHLY

QUARTERLY

MONTHLY UPDATES

18-G66 1201 HILL STREET
OCEANSIDE, CA
T1480/H12796

18-G6F 5494 MISSION CENTER
SAN DIEGO, CA
T1114/H13029

18-GDR 1809 W. WAHSINGTON
SAN DIEGO, CA
T/H# ???

18-GK5 550 N. MAGNOLIA AVE.
EL CAJON, CA
T00162/H12966

18-GRN 501 W. FELICITA
ESCONDIDO, CA
T01076/H12653

18-000 AVOCADO & CHASE
EL CAJON, CA
T0709/H24765

18-231 450 W. NINTH AVE.
ESCONDIDO, CA
T01286/H05428

QUARTERLY

QUARTERLY UPDATES

18-GD2 404 TELEGRAPH CANYON
CHULA VISTA, CA
T01393/H12416

18-JTV 705 LOMAS SANTA FE
SOLANA BEACH, CA
T1256/H12951

18-PWJ 7003 EL CAJON
SAN DIEGO, CA
T0884/H05480

18-490 2750 VIA DE LA VALLE
DEL MAR, CA
T0951/H12665

18-GAF 310 ENCINITAS BLVD.
ENCINITAS, CA
T2048/H05473

Mobil Oil Corporation

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

February 27, 1991

Mr. Donn LiPera
San Diego County HMMMD
P. O. Box 85261
San Diego, CA 92138-5261

MOBIL OIL CORPORATION
SERVICE STATION CLEAN-UP
PROGRESS REPORT

Dear Mr. LiPera:

This letter is to update you on the current progress of the clean-up at the subject location. As follows:

T01392/H05459 18-FPL 681 State Hwy 75 and Palm, Imperial Beach

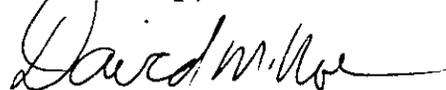
Dissolved phase ground water contamination was found in three of the four on site monitoring wells. The March 29, 1990 progress report erroneously stated that TCE was found; PCE was found.

The additional site characterization report was submitted on 4/16/90. Request for designation of the site aquifer as non-beneficial denied by HMMMD on June 16, 1990.

The work plan for the remediation of impacted soils was forwarded to the HMMMD on 5/23/90. Additional site characterization was done to define off-site dissolved-phase contamination; this report was submitted to HMMMD on 2/11/91. Proposal for remediation to follow, monitoring to continue.

If you have any questions, please feel free to contact me at (818) 953-2519 or our Field Engineer, Katja Rytokoski at (619) 439-5069.

Sincerely,



David M. Noe, P.E.
GW Projects Engineer

DMN/st

cc: Mr. Jim Munch
RWQCB - San Diego Region
9771 Clairemont Mesa Blvd., Suite B
San Diego, CA 92124-1331

K. M. Rytokoski - Oceanside

CONVERSE ENVIRONMENTAL WEST

9471 Rindgehaven Court, Suite 101
San Diego, California 92123

Telephone 619 268-3360
FAX 619 268-8955



FACSIMILE TRANSMITTAL SHEET

TO: Telecopy Number: 338-2377
Company: AMM
Attention: DON LIPERA

FROM: Name: DOUG HARVEY
Reference: DRUM DISPOSAL
Date: 2/14/91

Total Number of Pages 3 Including Transmittal Sheet

Comments: _____

FROM: DOUG HARVEY
 CONVERSE ENVIRONMENTAL WEST

TO: DON LIPOLA, HMMMD

SUBJECT: DRUM DISPOSAL
 Mobil Oil service station #18-FPL
 681 Highway 75
 Imperial Beach, CA.

As your request I searched through previous reports for analytical results for lead in soil samples. I found the enclosed summary in a report done by Queen Consultants. This was the only analysis for lead I could find for the subject site.

Our "Expanded Soil and Groundwater Characterization" reports for the Imperial Beach site and the Lemon Grove site should be available at HMMMD. These reports should provide you with any further information needed (ie. Plots plans, Gradient map, Cross section etc) If you have any questions or need further information please call 619-444-2600.

Mobil Oil Corporation
 Revised and Reissued October 27, 1989
 April 13, 1989
 Project No. 594.19.2
 Page 6

TABLE I

SUMMARY OF LABORATORY ANALYSES OF SOIL AND WATER
 SAMPLES OBTAINED FROM MONITORING WELLS OMW-1, 2, 3 AND 4
 (Results in Parts Per Million - ppm)

Soil Sample

<u>SAMPLE</u>	<u>DEPTH (ft.)</u>	<u>TPH</u>	<u>BENZENE</u>	<u>TOLUENE</u>	<u>TOTAL XYLENES</u>	<u>ETHYL- BENZENE</u>	<u>ORGANIC LEAD</u>
<u>OMW-1</u>							
S-5	5	---	---	---	---	---	---
S-10	10	ND*	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	ND*	---	---	---	---	---
<u>OMW-2</u>							
S-5	5	---	---	---	---	---	---
S-10	10	81	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	680	0.220	0.960	18.000	3.000	ND**
<u>OMW-3</u>							
S-5	5	---	---	---	---	---	---
S-10	10	ND*	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	ND*	---	---	---	---	---
<u>OMW-4</u>							
S-5	5	---	---	---	---	---	---
-10	10	ND*	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	ND*	---	---	---	---	---

Mobil Oil Corporation

3142 VISTA WAY, SUITE #400
OCEANSIDE, CA 92056

July 31, 1991

Mr. Donn LiPera
San Diego County DOHS - HMMD
P.O. Box 85621
San Diego, CA 92138

MOBIL OIL CORPORATION
S/S 18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA
T01392/H05459

Dear Mr. LiPera:

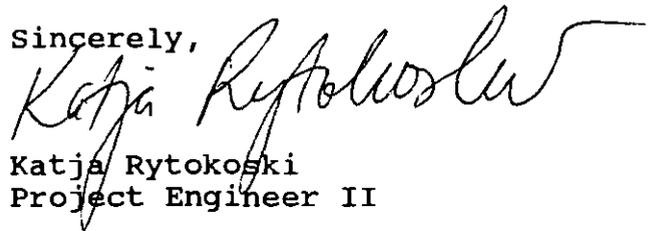
Enclosed for your review is a Work Plan for Remediation for the subject site, prepared by CONVERSE Environmental West, and dated July 26, 1991.

This workplan includes information on the proposed remediation technology, the location of the related equipment, among other things. A King/Buck Hasstech combination Catalytic Oxidizer/Thermal Oxidizer is proposed of which the Catalytic Oxidizer will be utilized to clean up this site.

The Environmental Impact Report has been submitted to the City of Imperial Beach. It was prepared in response to the City's request when Mobil submitted for permits to rebuild the station.

I would be interested in hearing your comments before proceeding with the work in this workplan. If you have any questions, please do not hesitate to contact me at (619) 439-5069.

Sincerely,



Katja Rytokoski
Project Engineer II

kmr
enclosure

cc: Mr. Jim Munch (w/ enclosure)
RWQCB - San Diego Region
9771 Clairemont Blvd
San Diego, CA 92124

RECEIVED
AUG 5 12 55 PM '91
ENVIRONMENTAL
HEALTH SERVICES



July 26, 1991

Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, California 92056-3608

Attention: Ms. Katja Rytokoski

Subject: **WORK PLAN FOR REMEDIATION**
MOBIL OIL SITE #18-FPL
681 Highway 75
Imperial Beach, California
CEW Project No. 90-82-156-02

Please find attached the work plan for remediation of Mobil Oil Site #18-FPL, located at 681 Highway 75 in Imperial Beach, California. The remedial plan is based on the lateral and vertical extent of the soil contamination presently defined and estimated. It is our opinion that the most economical method for remediation of the impacted soils is the use of a Vapor Extraction System. Remedial time estimates range from 4 to 6 months.

Prior to implementation of field activities, Converse Environmental West (CEW) will prepare an application package for submittal to the San Diego Air Pollution Control District (APCD), and expedite the application and review process. Based on previous experience, we believe that the San Diego APCD may review and process the application package within approximately 60 to 90 days.

If you have any questions regarding the attached work plan, please call.

Respectfully,
CONVERSE ENVIRONMENTAL WEST

Rod Reeve
Senior Geologist

RNR:kn

**WORK PLAN FOR REMEDIATION
MOBIL OIL SITE #18-FPL**

**681 Highway 75
Imperial Beach, California**

Prepared For

Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, California

Prepared By

Converse Environmental West
9471 Ridgehaven Court, Suite C
San Diego, California

CEW Project No.
90-82-156-02

July 26, 1991

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WORK PLAN FOR REMEDIATION MOBIL OIL SITE #18-FPL

INTRODUCTION

The subject site is Mobil Oil Service Station #18-FPL, located at 681 Highway 75 in Imperial Beach, California. Drawing 1 shows the general vicinity of the project and Drawing 2 is a site plan showing existing conditions.

The site is bounded on the west by a mobile home court and a laundry center near the southwest corner, by Highway 75 on the north, by Seventh Street on the east, and by Palm Avenue on the south. Across Highway 75 to the north is a motel and several fast food restaurants. To the east of Seventh Street is a triangular landscaped area. A dental office is located south of Palm Avenue. The site slopes slightly to the south-southwest. Approximately 1/2-mile to the north and east, the Otay River discharges into diked salt evaporative tide flats of San Diego Bay. Approximately 1 mile to the west is the Pacific Ocean. Drawing 3 shows adjacent site usage. The site is presently an active service station.

BACKGROUND INFORMATION

In late January 1990, CEW was requested by Mobil Oil Corporation to review previous work performed at the subject site by Owen Consultants. Based on review of this data, the subject site appeared to be impacted by petroleum hydrocarbons from underground gasoline storage tank systems. Soil and groundwater contamination (dissolved phase) had been identified.

It is understood that approximately 5 years ago, in 1986, the fuel tanks in the central portion of the site were replaced. Conversations with the station manager indicate the new fuel storage tanks were placed in the same excavation from which the old tanks were removed. Approximately one year later, a small waste oil tank (approximately 250 gallons) was removed from the area immediately west of the fuel storage tanks and a 1000 gallon waste oil tank was placed underground near the south end of the existing building (Drawing 2).

Geotechnical explorations performed by Owen Consultants in August 1988 indicated elevated hydrocarbon levels in soil samples above 19.5 feet below ground surface at which depth the borings were terminated. Table 1 presents a summary

of test results for soil and groundwater samples obtained from work performed by Owen Consultants.

In March 1989, Owen Consultants drilled four soil borings and then installed groundwater monitoring wells in each boring at the subject site (OMW-1, OMW-2, OMW-3, and OMW-4). Soil samples obtained during drilling operations indicated non-detectable levels of total fuel hydrocarbons (TFH) in all but one of the borings, OMW-2. The sample from 20 feet below grade contained 680 parts per million (ppm). Water samples taken from each of the wells show TFH ranging from non-detectable to 46 ppm. Table 1 presents a summary of the test results for soil samples.

On March 5, 1990, Mobil Oil Corporation authorized CEW to conduct an Expanded Soil and Groundwater Characterization at the subject site. On March 20 and 21, 1990, CEW drilled and sampled nine borings, converting four of the borings to monitoring wells, MW-5, MW-6, MW-7, and MW-8. Table 2 presents the results of all soil analysis performed by CEW. Table 3 is a summary of water analysis. The newly installed monitoring wells and the existing wells installed by Owen Consultants were developed, purged, and sampled. Soil and groundwater samples were analyzed for Total Fuel Hydrocarbons (TFH) and benzene, toluene, ethylbenzene, and total xylenes (BTEX) according to EPA methods 8015 and 8020 modified. Two groundwater samples, from MW-6 and MW-8, were analyzed for total dissolved solids using EPA method 160.1, and five groundwater samples, from OMW-3, OMW-4, MW-5, MW-7, and MW-8, were analyzed for halogenated volatile organics using EPA method 8010. Table 4 presents the results of the volatile organics testing of groundwater. Results of this investigation were reported in CEW's "Report on Expanded Soil and Groundwater Characterization", dated April 13, 1990. These results indicated that the subsurface had been impacted by petroleum hydrocarbons. Table 2 presents a summary of laboratory test results of water samples. Drawings 5 and 6 show cross sections A - A' and B - B', with TFH and lithology.

An additional eight soil borings were drilled, logged, and sampled on December 11, 12, 13, and 14, 1990 by CEW. Soil samples were obtained from each boring at 5 foot intervals to a depth of approximately 20 feet below ground surface (bgs). Samples were collected at 1 foot intervals below 20 feet bgs until groundwater was encountered. This sampling plan was followed so that soil at the capillary fringe was sampled in each boring. All samples were field screened immediately upon retrieval using a photo-ionization detector (MicroTip II). Designated samples were analyzed on site by a mobile laboratory supplied by Analytical Technologies Incorporated (ATI). Soil samples were analyzed for Total Fuel Hydrocarbons (TFH)

and benzene, toluene, ethylbenzene, and total xylenes (BTEX) according to modified EPA test methods 8015 and 8020, respectively.

Soil samples in five of the borings were found to contain TFH and BTEX concentrations below the laboratory detection limits. These borings were converted to monitoring wells MW-11, MW-13, MW-14, MW-15, and MW-16. Soil samples from three borings, BH-9, BH-10, and BH-12, each at approximately 23 feet below ground surface (bgs), indicated TFH concentrations of 130 mg/kg, 1,000 mg/kg, and 12,000 mg/kg, respectively. These borings were backfilled to approximately two feet below the ground surface using bentonite (Enviroplug). The upper two feet in each hole was then filled with a quick setting concrete. A summary of analytical results for these soil samples is presented in Table 1.

After the installation and development of wells MW-11, MW-13, MW-14, MW-15, and MW-16, all wells were monitored for depth to groundwater and for the presence of free product using an ORS oil/water interface probe. No free product was noted in any of the wells. Groundwater monitoring information is presented in Table 2, and a groundwater gradient map is presented in Drawing 4. The groundwater gradient appears to be to the west-northwest at approximately 0.0004 ft./ft.

Water samples were delivered to Analytical Technologies Inc. (ATI) in San Diego, a state-certified laboratory, for analysis. All of the water samples were analyzed for TFH and BTEX using modified EPA methods 8015 and 8020. TFH and BTEX concentrations were below the laboratory detection limits in wells MW-13, MW-14, MW-15, and MW-16, located south, west, north, and east of the site, respectively. TFH concentrations in other wells ranged from 56 $\mu\text{g/l}$ in MW-8 to 40,000 $\mu\text{g/l}$ in MW-7. A map showing the estimated concentration of TFH in the groundwater is presented in Drawing 7.

CONCLUSIONS

Previous work performed for Mobil Oil regarding hydrocarbons at the subject site by Owen Consultants and CEW indicate impact to soil and groundwater. Soil contamination appears to have been defined and appears to be limited to the capillary fringe with the exception of the vadose zone defined and reported previously around SB-2. This is substantiated by test results of soil samples obtained during subsequent drilling phases of this characterization.

The extent of dissolved phase hydrocarbon in the groundwater appear to be defined. Water samples from monitoring wells MW-11 and MW-8 indicate 1.1 mg/l and 56 mg/l Total Fuel Hydrocarbons. Noted concentrations on Drawing 7 define an elongated plume of dissolved phase hydrocarbon contamination. It is our opinion that this interpretation of the contaminant plume is probable considering the low hydraulic gradient and the potential for tidal influences. The plume may extend slightly further to the east, based on soil sampled from the capillary fringe in BH-12.

At the request of HMMD, water samples from monitoring wells OMW-4, MW-5, MW-7 and MW-8 were analyzed for volatile organics, as well as halogenated volatile organics. Both test methods indicated varying levels of tetrachloroethene (PCE) and 1,2-dichloroethane (DCE) in three of the wells. MW-5 showed non-detectable levels of these two compounds. 1,2-dichloroethane has been known to be used as a scavenging agent to reduce organic lead in gasoline. Test results for organic lead were all below detection levels. This may explain the elevated level noted in MW-7 which appears to be the monitoring well with the highest total fuel hydrocarbon concentration. The source of the PCE levels noted is unknown at this time. The existing waste oil tank, which is near OMW-4, has only been in existence for approximately 2-1/2 years. The station manager reported that no solvents have been disposed of into this tank during its existence. The previous location of the waste oil tank was in the vicinity of MW-5 which shows less than 1 $\mu\text{g/l}$ PCE. An off-site source of this solvent cannot be ruled out.

Additional compounds with detectable levels include chloroform, bromoform, bromodichloromethane, and dichloromethane. Conversations with personnel at Analytical Technologies Incorporated indicate these compounds can be associated with processed water, ie. city water. Processed water may have been introduced during several different times ranging from decontamination and drilling procedures to sampling.

Additional analysis performed on selected water samples included total dissolved solids and general minerals. Tables 5 and 6 present the test results of those analyses, respectively. Test results of these water samples indicate several parameters which are higher than national secondary drinking water regulations. These include total dissolved solids, chloride, manganese, and sulfate. The standards for these parameters and the test results obtained for water samples from MW-8 and MW-13 are listed below.

	Secondary Drinking Water Regulations	MW-8	MW-13
TDS	500 mg/l	4190 mg/l	3080 mg/l
Chloride	250 mg/l	2760 mg/l	1210 mg/l
Manganese	0.05 mg/l	2.1 mg/l	0.10 mg/l
Sulfate	250 mg/l	381 mg/l	401 mg/l

This appears to verify a RWQCB table indicating that the "water quality does not meet criteria for municipal, agricultural irrigation, or livestock watering." This table is found in the Water Quality Control Plan, San Diego Basin California dated July 1975. These test results should be considered in future evaluations regarding clean up levels of the site (for example: beneficial versus non beneficial).

Typically, within areas designated as beneficial groundwater use, clean-up levels for soil have been 100 mg/TFH. In areas designated non beneficial groundwater use, levels for soil clean-up have been 1000 mg/TFH. Groundwater clean-up levels in areas of beneficial use are essentially tied to drinking water standards. In non beneficial use areas, each case is handled on a site by site basis, but has historically been limited to recovery of free product.

RECOMMENDATIONS

In preparation of this work plan, CEW requests that the subject site located at 681 Highway 75 in Imperial Beach be considered by the Regional Water Quality Board (RWQCB) as a non-beneficial groundwater use area, for the purpose of determining clean-up requirements. As shown in the attached table, the groundwater cannot meet the regulatory standards for beneficial use, and there are no known drinking water wells within a 1/4-mile radius of the site. CEW bases this work plan on a non-beneficial use classification for site cleanup requirements only.

Based on review of work performed on site by Owen Consultants, and work CEW has performed, it is CEW's opinion that a limited vapor extraction system in the vicinity of SB-2 should be able to remediate vadose zone contamination, discussed in CEW's "Report on Expanded Soil and Groundwater Characterization", dated

April 13, 1990, to levels less than 100 mg/kg of TFH. Additionally, a vapor extraction well in the vicinity of MW-7 will provide limited partitioning of groundwater and capillary fringe zone soils. This work plan does not include remediation of groundwater or the capillary fringe zone.

This vapor extraction system will consist of a King-Buck/Hasstech thermal/catalytic oxidizer to destroy the hydrocarbon vapors. This system provides options for initially high volatile concentrations, as well as an in-process decline of volatile concentrations. Additionally, some partitioning of the groundwater should occur, which will result in lowering the concentration of the dissolved phase contamination. This type of a system could be constructed in conjunction with remodeling activities currently being considered for the subject site. The future use of the site is that of a service station and a car wash. Drawing 8 shows the proposed site layout with the approximate location of the proposed VES equipment.

It is CEW's opinion that due to the depth of the contamination in the capillary fringe zone, the existing water quality, and the proposed use of the property, the potential for human health risk is low.

Since no free product has been reported at this site in any of the site history reviewed or explorations performed by CEW, and assuming the RWQCB and HMMD require non-beneficial groundwater cleanup standards, continued monitoring of the groundwater is also proposed on a biannual basis, until such time that the concentration levels require no further action.

VAPOR EXTRACTION SYSTEM

The following work plan is proposed to mitigate the hydrocarbon contamination identified on site. The project site is an active Mobil Oil Service Station. Previous investigations identified hydrocarbon contamination to the east and south of the underground storage tank location. Further exploration indicated that the majority of the contaminant is in the zone of the capillary fringe interval, from about 19 to 22 feet below ground surface (bgs). The extent of the soil contamination in the vicinity of SB-2, with concentrations greater than 100 parts per million total fuel hydrocarbons (TFH), is estimated to impact approximately 865 cubic yards of soil. This work plan also includes a second vapor extraction well just east of the northern pump island, in the vicinity of MW-7, since this is the point of the highest concentration in groundwater. This will provide some groundwater partitioning, as well as aid in remediation of the capillary fringe zone contamination.

CEW proposes to install a vapor extraction system (VES) that will include two vapor extraction wells located in the area of SB-2 and MW-7, where the highest concentrations of TFH were identified. Drawing 9 shows the proposed locations of the wells and the VES equipment. Vapor extraction well VEW-2 will be constructed of 4-inch diameter Schedule 40 PVC casing with 0.050-inch slots from approximately 5 to 25 feet below ground surface. VEW-1 will consist of the same material, but will be screened from approximately 15 to 25 feet below ground surface.

The purpose of the VES is to extract hydrocarbon vapors at a rate high enough to effectively remediate the impacted soils, and also remain within the operating requirements and emission limits of the San Diego Air Pollution Control District (APCD). The primary limiting factor for the installation of the vapor extraction system is the emission limit allowed by the APCD. Based on our experience with vapor extraction systems and the limitations imposed by the APCD, the proposed system would include two wells manifolded to a King-Buck/Hasstech Thermal/Catalytic Oxidizer (MCC-6) unit. The system operates by extracting hydrocarbon vapors from the subsurface and passing them through a thermal destruction unit or catalytic oxidizer, where vapor is either burned or catalyzed by finely divided noble metals (e.g. platinum) (Drawing 10). Destruction efficiency for these units is generally between 96% to 98%. To prepare documentation for the APCD, a destruction efficiency of 96% will be used in the calculations.

The catalytic oxidizer unit is recommended over a thermal destruction unit because the anticipated influent vapor is expected to contain low hydrocarbon concentrations. In the case of the thermal unit, this low concentration would require a large amount of supplemental fuel to maintain acceptable destruction levels. The proposed design allows for a flow of 200 scfm (standard cubic feet per minute) through the system, which should provide sufficient subsurface flow to remediate the site. Currently, the oxidizer unit is proposed to be located in the southwest corner of the site. A plan view of the system is provided in Drawing 11. If concentrations of Hydrocarbons are higher than anticipated, the thermal unit operator on electricity so a temporary power source will be provided.

Listed below are the anticipated tasks necessary to complete the remediation. The work plan is separated into four phases of work. Phase I includes the installation of the vapor extraction system; Phase II includes the operation, monitoring, and maintenance of the system; Phase III includes the activities associated with request for site closure; and Phase IV provides for dismantling of the system.

PHASE I: VAPOR EXTRACTION SYSTEM INSTALLATION

Task I: Project Scheduling, Coordination, and Agency Interaction

This task provides for preliminary meetings with San Diego County HMMD and APCD personnel to discuss the goals and objectives of the project, and to initiate the permitting process. A project schedule will be developed and provided to the agencies following review by Mobil Oil Corporation.

Task II: Permitting: San Diego County APCD and HMMD

Permits for installation and operation of the proposed vapor extraction system will be required from both the San Diego Air Pollution Control District (APCD) and other agencies. Due to an evolving regulatory framework for remediation systems, the permitting process involves obtaining approvals from many agencies, sometimes with overlapping jurisdictions.

Task III: Install Vapor Extraction Wells

Based on the data collected to date, it is anticipated that two vapor extraction wells will be required. These wells will be drilled with a truck mounted hollow stem auger to a depth of approximately 25 to 30 feet below grade. Total depth will be determined by observation of the soil samples collected during drilling and the depth of groundwater. The vapor extraction well will be completed with 4-inch diameter Schedule 40 PVC casing. Slotted casing will be installed throughout the contaminant interval, and if required a subgrade well box will be installed at the surface. A schematic of a VES well is presented in Drawing 12.

Task IV: Install Manifold System

Subsurface pipes will connect the extraction well to the treatment unit. The subsurface pipes and well boxes should be installed in areas which will not conflict with future uses and development of the site. Estimated costs include all materials and labor charges for installation of approximately 300 linear feet of buried pipe. The manifold piping will consist of 4-inch diameter Schedule 40 PVC.

Task V: Install Surface Systems

Surface installations will include a concrete pad, a fenced compound, electrical connections, VES surface equipment, and if required, noise abatement material on the compound fencing.

Task VI: Vapor Extraction System

A King-Buck/HassTech CatOx 200 unit will be used as the treatment system. These units are capable of approximately 96% to 98% destruction efficiency of total petroleum hydrocarbons, and our experience has shown that these units are reliable with relatively low maintenance costs. Each CatOx 200 unit has the capability to operate at up to approximately 200 scfm.

Task VII: System Start-up and Testing

Following final installation of the VES, CEW will conduct field testing and calibrating of the system prior to start-up of continuous operation. Field testing will determine optimum flow rate from the well to the treatment unit and allow for equipment adjustments or balancing required to operate the system within the guidelines established by the APCD. The APCD may require sampling and analytical testing of the vapor extraction system. Therefore, a stack test will be conducted on the unit.

Task VIII: Project Management

Project management, and client and agency interaction will be an ongoing task through Phase I of the project.

PHASE II: SYSTEM OPERATION, MONITORING, AND MAINTENANCE

When the Vapor Extraction System has been satisfactory tested, full-time operation will commence. Phase II activities include system operation, monitoring, and maintenance. Monitoring parameters will be established by the APCD in the permit to construct and operate. CEW has proposed two option packages for monitoring the system. These include a dedicated flame ionization detector connected to the

unit or manual monitoring by CEW personnel.

Task I: Project Scheduling and Coordination

This task provides for continued coordination with regulatory agencies during operation of the vapor extraction system. Progress reports will be prepared and provided to the agencies and Mobil Oil Corporation.

Task II: Monitoring and System Maintenance

The APCD may require that the treatment emissions be monitored on a minimum daily basis. Parameters which may be required to be monitored include continuous or daily influent flow and effluent concentrations. Specific monitoring requirements of the APCD are not known at this time. However, monitoring will be provided as required in the operating permit issued by the San Diego County APCD.

Task III: Bi-Monthly Sampling

Bi-monthly samples will be collected from each influent and effluent vapor stream. This will allow monitoring of the remediation of the subsurface hydrocarbon contamination. Vapor samples will be collected and transported to a laboratory subcontracted by Mobil Oil Corporation, for analysis by EPA method 8015/8020, for TFH and BTEX. An estimated 16 samples will be collected.

Task IV: Project Management

This task provides for project management during the remediation phase.

PHASE III: SITE CLOSURE

Task I: Project Scheduling and Coordination

During the latter portion of the system operation, CEW will begin developing schedules for site closure activities and coordinate the closure activities with regulatory agencies.

Task II: Confirmation Borings

Two borings will be drilled to approximately 25-feet in depth to collect soil samples to determine that the impacted soils have been remediated to acceptable levels. Soil samples will be collected on approximately 5 foot intervals.

Task III: Laboratory Analysis of Soil Samples

Soil samples collected from the confirmation borings will be analyzed for hydrocarbons by EPA method 8015/8020, by a laboratory chosen by Mobil.

Task IV: Report Preparation

Following receipt and analysis of all data, CEW will prepare a Request for Closure report, if conditions warrant. The report will summarize previous site conditions, current site conditions, and justify the request for closure.

Task V: Project Management

This task provides for project management and invoice preparation.

PHASE IV: DISMANTLE SYSTEM

Following acceptance of the closure report by San Diego County HMMD, CEW will dismantle the vapor extraction system. The surface and subsurface piping will be removed, and the equipment compound will be dismantled.

We appreciate this opportunity to provide this work plan. Please call if you have questions or need additional information.

Respectfully submitted,
CONVERSE ENVIRONMENTAL WEST


Rod N. Reeve
Senior Geologist


Jon C. Bruton
Principal Engineer

RNR/JCB:kn

TABLE 1

SUMMARY OF LABORATORY ANALYSES OF SOIL AND WATER
 SAMPLES OBTAINED FROM MONITORING WELLS OMW-1, 2, 3, AND 4

(Results in Parts Per Million - ppm)

SAMPLE No.	DEPTH (ft.)	TOTAL PETROLEUM HYDROCARBONS	BENZENE	TOLUENE	TOTAL XYLENES	ETHYL-BENZENE	ORGANIC LEAD
SOIL SAMPLES							
<u>OMW-1</u>							
S-5	5	---	---	---	---	---	---
S-10	15	ND*	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	ND*	---	---	---	---	---
<u>OMW-2</u>							
S-5	5	---	---	---	---	---	---
S-10	10	81	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	680	0.22	0.960	18	3.0	ND**

TABLE 1 (cont.)

SUMMARY OF LABORATORY ANALYSES OF SOIL AND WATER
 SAMPLES OBTAINED FROM MONITORING WELLS OMW-1, 2, 3, AND 4

(Results in Parts Per Million - ppm)

SAMPLE No.	DEPTH (ft.)	TOTAL PETROLEUM HYDROCARBONS	BENZENE	TOLUENE	TOTAL XYLENES	ETHYL-BENZENE	ORGANIC LEAD
OMW-3							
S-5	5	---	---	---	---	---	---
S-10	10	ND*	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	ND*	---	---	---	---	---
S-5	5	---	---	---	---	---	---
S-10	10	ND*	---	---	---	---	---
S-15	15	---	---	---	---	---	---
S-20	20	ND*	---	---	---	---	---

TABLE 1 (cont.)

SUMMARY OF LABORATORY ANALYSES OF SOIL AND WATER
 SAMPLES OBTAINED FROM MONITORING WELLS OMW-1, 2, 3, AND 4

(Results in Parts Per Million - ppm)

SAMPLE No.	DEPTH (ft.)	TOTAL PETROLEUM HYDROCARBONS	BENZENE	TOLUENE	TOTAL XYLENES	ETHYL-BENZENE	ORGANIC LEAD
WATER SAMPLES							
<u>OMW-1</u>							
W-1A	---	46.0	---	---	---	---	---
W-1B	---	---	0.002	ND***	ND***	0.014	---
W-1C	---	---	---	---	---	---	0.170
<u>OMW-2</u>							
W-1A	---	27.0	---	---	---	---	---
W-1B	---	---	0.930	2.6	3.7	3.3	---
W-1C	---	---	---	---	---	---	0.11

TABLE 1 (cont.)

SUMMARY OF LABORATORY ANALYSES OF SOIL AND WATER
 SAMPLES OBTAINED FROM MONITORING WELLS OMW-1, 2, 3, AND 4

(Results in Parts Per Million - ppm)

SAMPLE No.	DEPTH (ft.)	TOTAL PETROLEUM HYDROCARBONS	BENZENE	TOLUENE	TOTAL XYLENES	ETHYL-BENZENE	ORGANIC LEAD
<u>OMW-3</u>							
W-1A	---	16.0	---	---	---	---	---
W-1B	---	---	0.46	0.93	1.4	0.77	---
W-1C	---	---	---	---	---	---	0.58
<u>OMW-4</u>							
W-1A	---	ND*	---	---	---	---	---
W-1B	---	---	ND***	0.0027	0.0012	0.0045	---
W-1C	---	---	---	---	---	---	0.36

ND* = Less than 1.0 ppm

ND** = Less than 0.6 ppm

ND*** = Less than 0.0002 ppm

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

March 20 and 21, 1990

(mg/kg)

SAMPLE No.	SAMPLE DEPTH (ft.)	EPA METHOD 8015M ¹	EPA METHOD 8020			TOTAL XYLENES ³
		TOTAL FUEL HYDROCARBONS	BENZENE ²	TOLUENE ²	ETHYL BENZENE ²	
MW-5 S-3	14.0 - 15.0	ND	ND	ND	ND	ND
MW-5 S-4	19.0 - 20.0	ND	ND	ND	ND	ND
MW-6 S-4	19.0 - 20.0	ND	ND	ND	ND	ND
MW-6 S-5	24.0 - 25.0	ND	ND	ND	ND	ND
MW-7 S-4	19.0 - 20.0	ND	ND	ND	ND	ND
MW-7 S-5	24.0 - 25.0	3900	11	120	29	15
MW-8 S-5	24.0 - 25.0	ND	ND	ND	ND	ND
SB-1 S-5	24.0 - 25.0	14	0.06	0.58	0.31	0.77
SB-2 S-2	9.0 - 10.0	420	<2.0	<2.0	4.0	51
SB-2 S-4	19.0 - 20.0	130	<0.2	0.62	0.70	16
SB-2 S-5	24.0 - 25.0	8.9	0.06	0.77	0.17	0.42
SB-3 S-2	9.0 - 10.0	ND	ND	ND	ND	ND
SB-3 S-4	19.0 - 20.0	ND	ND	ND	ND	0.2
SB-3 S-5	24.0 - 25.0	1300	11	85	55	210
SB-4 S-4	18.5 -19.5	ND	ND	ND	ND	ND
SB-5 S-4	19.0 - 20.0	ND	ND	0.19	ND	0.24
SB-5 S-5	24.0 - 25.0	3900	15	80	49	200

ND = Not Detected

1 detection limit = 5.0 mg/kg

2 detection limit = 0.05 mg/kg

3 detection limit = 0.1 mg/kg

TABLE 2 (cont.)

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

December 11, 12, 13, & 14, 1990

BORING No.	SAMPLE DEPTH (ft.)	EPA METHOD 8015M ¹ TOTAL PETROLEUM HYDROCARBONS	EPA METHOD 8020			TOTAL XYLENES ³
			BENZENE ²	TOLUENE ²	ETHYL BENZENE ²	
BH-9	23	130	0.51	2.7	2.0	6.2
BH-10	21	ND	ND	ND	ND	ND
	21.5	ND	ND	ND	ND	ND
	Soil cutting from auger flights	1,000	5.1	41	24	100
MW-11	20	ND	ND	ND	ND	ND
	23	ND	ND	ND	ND	ND
BH-12	22.5	ND	ND	ND	ND	ND
	23.5	12,000	170	410	280	1400
MW-13	23	ND	ND	ND	ND	ND
	24	ND	ND	ND	ND	ND
MW-14	19	ND	ND	ND	ND	ND
	20	ND	ND	ND	ND	ND
MW-15	20	ND	ND	ND	ND	ND
	21	ND	ND	ND	ND	ND
MW-16	23	ND	ND	ND	ND	ND
	24	ND	ND	ND	ND	ND

ND = Not Detected

1 = Detection limit <5.0 mg/kg

2 = Detection limit <0.025 mg/kg

3 = Detection limit <0.050 mg/kg

TABLE 3**SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES**

March 19, 1990

($\mu\text{g/l}$)

SAMPLE No.	EPA METHOD 8015M ¹ TOTAL PETROLEUM HYDROCARBONS	EPA METHOD 8020			TOTAL XYLENES ³
		BENZENE ²	TOLUENE ²	ETHYL BENZENE ²	
OMW-1	10,000	2600	75	1000	54
OMW-3	11,000	160	350	850	680
OMW-4	150	ND	1.3	5.6	8.4
TRIP BLANK	ND	ND	ND	ND	ND

ND = Not Detected

1 detection limit = 50 $\mu\text{g/l}$ 2 detection limit = 0.50 $\mu\text{g/l}$ 3 detection limit = 1.0 $\mu\text{g/l}$

TABLE 3 (cont.)

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

March 28, 1990

($\mu\text{g/l}$)

SAMPLE No.	EPA METHOD 8015M ¹ TOTAL PETROLEUM HYDROCARBONS	EPA METHOD 8020			TOTAL XYLENES ³
		BENZENE ²	TOLUENE ²	ETHYL BENZENE ²	
MW-5	3200	26	19	51	170
MW-6	29,000	< 100.0*	860	1200	7200
MW-7	42,000	990	6200	1800	8500
MW-8	ND	ND	ND	ND	ND
OMW-2	46,000	< 62.5*	8900	1800	5500

ND = Not Detected

1 detection limit = 50 $\mu\text{g/l}$

2 detection limit = 0.50 $\mu\text{g/l}$

3 detection limit = 1.0 $\mu\text{g/l}$

* Due to dilution, confidence is reduced to noted detection levels.

TABLE 3 (cont.)

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

($\mu\text{g/l}$)

WELL No.	DATE SAMPLED	EPA METHOD 8015M	EPA METHOD 8020			TOTAL XYLENES
		TOTAL PETROLEUM HYDROCARBONS	BENZENE	TOLUENE	ETHYL BENZENE	
OMW-1	3/19/90	10,000	2,600	75	1,000	54
	1/7/91	600	95	0.98	32	7.2
OMW-2	3/28/90	46,000	<62.5*	8,900	1,800	5,500
OMW-3	3/19/90	11,000	160	350	850	680
	1/7/91	17,000	240	140	690	1900
OMW-4	3/19/90	150	ND	1.3	5.6	8.4
	12/21/90	260	0.88	1.3	14	9.6
MW-5	3/28/90	3,200	26	19	51	170
	12/21/90	1,300	24	<1.0	37	4.5
MW-6	3/28/90	29,000	<100*	860	1,200	7,200
	1/7/91	23,000	100	150	580	4900
MW-7	3/28/90	42,000	990	6,200	1,800	8,500
	12/21/90	40,000	4,000	7,400	1,500	5,100
MW-8	3/28/90	ND	ND	ND	ND	ND
	12/21/90	56	2.5	2.1	ND	ND

TABLE 3 (cont.)

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

($\mu\text{g/l}$)

WELL No.	DATE SAMPLED	EPA METHOD 8015M		EPA METHOD 8020		TOTAL XYLENES
		TOTAL PETROLEUM HYDROCARBONS	BENZENE	TOLUENE	ETHYL BENZENE	
MW-11	12/19/90	1100	150	3.4	61	9.9
MW-13	12/20/90	ND	ND	ND	ND	ND
MW-14	12/19/90	ND	ND	ND	ND	ND
MW-15	12/19/90	ND	ND	ND	ND	ND
MW-16	12/20/90	ND	ND	ND	ND	ND

* Due to dilution, confidence is reduced to noted detection levels presented in laboratory report in Appendix C.

TABLE 4
SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES*
 March 28, 1990
 (µg/l)

HALOGENATED VOLATILE ORGANICS EPA METHOD 8010	OMW-3	OMW-4	MW-5	MW-7**	MW-8
BROMODICHLOROMETHANE ¹	ND	ND	0.82	ND	ND
BROMOFORM ¹	ND	ND	ND	ND	2.7
BROMOMETHANE ¹	ND	ND	ND	ND	ND
CARBON TETRACHLORIDE ¹	ND	ND	ND	ND	ND
CHLOROBENZENE ²	ND	ND	ND	ND	ND
CHLOROETHANE ¹	ND	ND	ND	ND	ND
CHLOROFORM ¹	ND	0.36	0.83	ND	ND
CHLOROMETHANE ¹	ND	ND	ND	ND	ND
DIBROMOCHLOROMETHANE ¹	ND	1.8	0.96	ND	1.0
1,2-DICHLOROENZENE ²	ND	ND	ND	ND	ND
1,3-DICHLOROENZENE ²	ND	ND	ND	ND	ND
1,4-DICHLOROENZENE ²	ND	ND	ND	ND	ND
DICHLORDIFLUOROMETHANE ¹	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE ¹	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE ¹	1.2	0.50	ND	39	1.9
1,1-DICHLOROETHENE ¹	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE (TOTAL) ¹	ND	ND	ND	ND	ND
1,2-DICHLOROPROPANE ¹	ND	ND	ND	ND	ND
CIS-1,3-DICHLOROPROPENE ¹	ND	ND	ND	ND	ND
TRANS-1,3-DICHLOROPROPENE ¹	ND	ND	ND	ND	ND
METHYLENE CHLORIDE ¹	4.0	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE ¹	ND	ND	ND	ND	ND
TETRACHLOROETHENE ¹	ND	21	1.6	ND	6.2
1,1,1-TRICHLOROETHANE ¹	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE ¹	ND	ND	ND	ND	ND
TRICHLOROETHENE ¹	ND	3.2	ND	ND	ND
TRICHLOROFLUOMETHANE ³	ND	ND	ND	ND	ND
VINYL CHLORIDE ¹	ND	ND	ND	ND	ND

ND = Not Detected

1 detection limit = 0.20 µg/l

2 detection limit = 0.50 µg/l

3 detection limit = 2.0 µg/l

* Analysis was performed after expiration of recommended holding time.

** Due to dilution, confidence is reduced to detection levels shown in Appendix C.

TABLE 4 (cont.)
SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES
 December 19 - 21, 1990
 (µg/l)

HALOGENATED VOLATILE ORGANICS EPA METHOD 8010	OMW-4	MW-5	MW-7	MW-8	MW-11
BROMODICHLOROMETHANE	<1.00	<0.20	<10.0	<0.20	<0.40
BROMOFORM	<1.00	<0.20	<10.0	<0.20	<0.40
BROMOMETHANE	<1.00	<0.20	<10.0	<0.20	<0.40
CARBON TETRACHLORIDE	<1.00	<0.20	<10.0	<0.20	<0.40
CHLOROBENZENE	<2.50	<0.50	<25.0	<0.50	<1.00
CHLOROETHANE	<1.00	<0.30	<10.0	<0.20	<0.40
CHLOROFORM	<1.00	<0.20	<10.0	<0.20	<0.40
CHLOROMETHANE	<1.00	<0.30	<10.0	<0.20	<0.40
DIBROMOCHLOROMETHANE	<1.00	<0.20	<10.0	<0.20	<0.40
1,2-DICHLOROBENZENE	<2.50	<0.50	<25.0	<0.50	<1.00
1,3-DICHLOROBENZENE	<2.50	<0.50	<25.0	<0.50	<1.00
1,4-DICHLOROBENZENE	<2.50	<0.50	<25.0	<0.50	<1.00
DICHLORODIFLUOROMETHANE	<1.00	<0.20	<10.0	<0.20	<0.40
1,1-DICHLOROETHANE	<1.00	<0.20	<10.0	<0.20	<0.40
1,2-DICHLOROETHANE	<1.00	0.85	120	11	16
1,1-DICHLOROETHENE	<1.00	<0.20	<10.0	<0.20	<0.40
CIS-1,2-DICHLOROETHANE	<1.00	<0.20	<10.0	<0.20	<0.40
TRANS-1,2-DICHLOROETHENE	<1.00	<0.20	<10.0	<0.20	<0.40
1,2-DICHLOROPROPANE	<1.00	<0.20	<10.0	<0.20	<0.40
CIS-1,3-DICHLOROPROPENE	<1.00	<0.20	<10.0	<0.20	<0.40
TRANS-1,3-DICHLOROPROPENE	<1.00	<0.20	<10.0	<0.20	<0.40
METHYLENE CHLORIDE	<10.00	<2.0	<100.0	<2.0	<4.0
1,1,2,2-TETRACHLOROETHANE	<1.00	<0.20	<10.0	<0.20	<0.40
TETRACHLOROETHENE	18	0.59	<10.0	4.6	<0.40
1,1,1-TRICHLOROETHANE	<1.00	<0.20	<10.0	<0.20	<0.40
1,1,2-TRICHLOROETHANE	<1.00	<0.20	<10.0	<0.20	<0.40
TRICHLOROETHENE	3.5	0.37	<10.0	1.1	<0.40
TRICHLOROFLUOROMETHANE	<10.0	<2.0	<100.0	<2.0	<4.0
VINYL CHLORIDE	<1.00	<0.20	<10.0	<0.20	<0.40

TABLE 4 (cont.)
SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES
 December 19 - 21, 1990
 (µg/l)

HALOGENATED VOLATILE ORGANICS EPA METHOD 8010	MW-13	MW-14	MW-15	MW-16
BROMODICHLOROMETHANE	1.3	0.58	0.65	1.9
BROMOFORM	1.1	0.73	<0.20	1.6
BROMOMETHANE	<0.20	<0.20	<0.20	<0.20
CARBON TETRACHLORIDE	<0.20	<0.20	<0.20	<0.20
CHLOROBENZENE	0.52	<0.50	<0.50	<0.50
CHLOROETHANE	<0.20	<0.20	<0.20	<0.20
CHLOROFORM	4.4	0.51	0.42	1.0
CHLOROMETHANE	<0.20	<0.20	<0.20	<0.20
DIBROMOCHLOROMETHANE	2.8	1.5	1.8	2.8
1,2-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50
1,3-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50
1,4-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50
DICHLORODIFLUOROMETHANE	<0.20	<0.20	<0.20	<0.20
1,1-DICHLOROETHANE	<0.20	<0.20	<0.20	<0.20
1,2-DICHLOROETHANE	<0.20	1.8	0.51	<0.20
1,1-DICHLOROETHENE	<0.20	<0.20	<0.20	<0.20
CIS-1,2-DICHLOROETHANE	<0.20	<0.20	<0.20	<0.20
TRANS-1,2-DICHLOROETHENE	<0.20	<0.20	<0.20	<0.20
1,2-DICHLOROPROPANE	<0.20	<0.20	<0.20	<0.20
CIS-1,3-DICHLOROPROPENE	<0.20	<0.20	<0.20	<0.20
TRANS-1,3-DICHLOROPROPENE	<0.20	<0.20	<0.20	<0.20
METHYLENE CHLORIDE	<2.00	<2.0	<2.0	<2.0
1,1,2,2-TETRACHLOROETHANE	<0.20	<0.20	<0.20	<0.20
TETRACHLOROETHENE	<0.20	11	<0.20	<0.20
1,1,1-TRICHLOROETHANE	<0.20	<0.20	<0.20	<0.20
1,1,2-TRICHLOROETHANE	<0.20	<0.20	<0.20	<0.20
TRICHLOROETHENE	<0.20	0.53	<0.20	<0.20
TRICHLOROFLUOROMETHANE	<2.0	<2.0	<2.0	<2.0
VINYL CHLORIDE	<0.20	<0.20	<0.20	<0.20

TABLE 4 (cont.)
SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES
VOLATILE ORGANICS
 December 19 - 21, 1990
 (µg/l)

HALOGENATED VOLATILE ORGANICS EPA METHOD 8240	OMW-4	MW-5	MW-7*	MW-8	MW-14
CHLOROMETHANE	< 10.0	< 10.0	< 500.0	< 10.0	< 10.0
BROMOMETHANE	< 10.0	< 10.0	< 500.0	< 10.0	< 10.0
VINYL CHLORIDE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
CHLOROETHANE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
METHYLENE CHLORIDE	< 5.0	< 5.0	< 250.0	< 5.0	< 5.0
ACETONE	< 20.0	< 20.0	< 1000.0	< 20.0	< 20.0
CARBON DISULFIDE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
1,1-DICHLOROETHENE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
1,1-DICHLOROETHANE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
1,2-DICHLOROETHENE (TOTAL)	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
CHLOROFORM	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
1,4-DICHLOROETHANE	< 1.0	< 1.0	< 150.0	12	2.0
2-BUTANONE (MEK)	< 20.0	< 20.0	< 1000.0	< 20.0	< 20.0
1,1,1-TRICHLOROETHANE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
CARBON TETRACHLORIDE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
VINYL ACETATE	< 10.0	< 10.0	< 500.0	< 10.0	< 10.0
BROMODICHLOROMETHANE	< 1.0	1.0	< 50.0	< 1.0	< 1.0
1,1,2,2-TETRACHLOROETHANE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
1,2-DICHLOROPROPANE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
CIS-1,3-DICHLOROPROPENE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
TRICHLOROETHENE	5.0	< 1.0	< 50.0	< 1.0	< 1.0
DIBROMOCHLOROMETHANE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
1,1,2 TRICHLOROETHANE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
BENZENE	< 1.0	21	3200	1.0	< 1.0
TRANS-1,3-DICHLOROPROPENE	< 1.0	< 1.0	< 50.0	< 1.0	< 1.0
BROMOFORM	< 5.0	< 5.0	< 250.0	< 5.0	< 5.0
2-HEXANONE (MBK)	< 10.0	< 10.0	< 500.0	< 10.0	< 10.0
4-METHYL-2-PENTANONE (MIBK)	< 10.0	< 10.0	< 500.0	< 10.0	< 10.0

TABLE 4 (cont.)

HALOGENATED VOLATILE ORGANICS EPA METHOD 8240	OMW-4	MW-5	MW-7*	MW-8	MW-14
TETRACHLOROETHENE	28	<1.0	<50.0	<5.0	15.0
TOLUENE	<2.0	<2.0	6800	<2.0	<2.0
CHLOROBENZENE	<1.0	<1.0	<50.0	<1.0	<1.0
ETHYL BENZENE	18	37	1600	<1.0	<1.0
STYRENE	<1.0	<1.0	<50.0	<1.0	<1.0
TOTAL XYLENES	10	<1.0	5200	<1.0	<1.0

* Due to dilution, confidence is reduced to detection levels shown in Appendix C.

TABLE 5

TOTAL DISSOLVED SOLIDS IN GROUNDWATER SAMPLES

December 19 - 21, 1990

(mg/l)

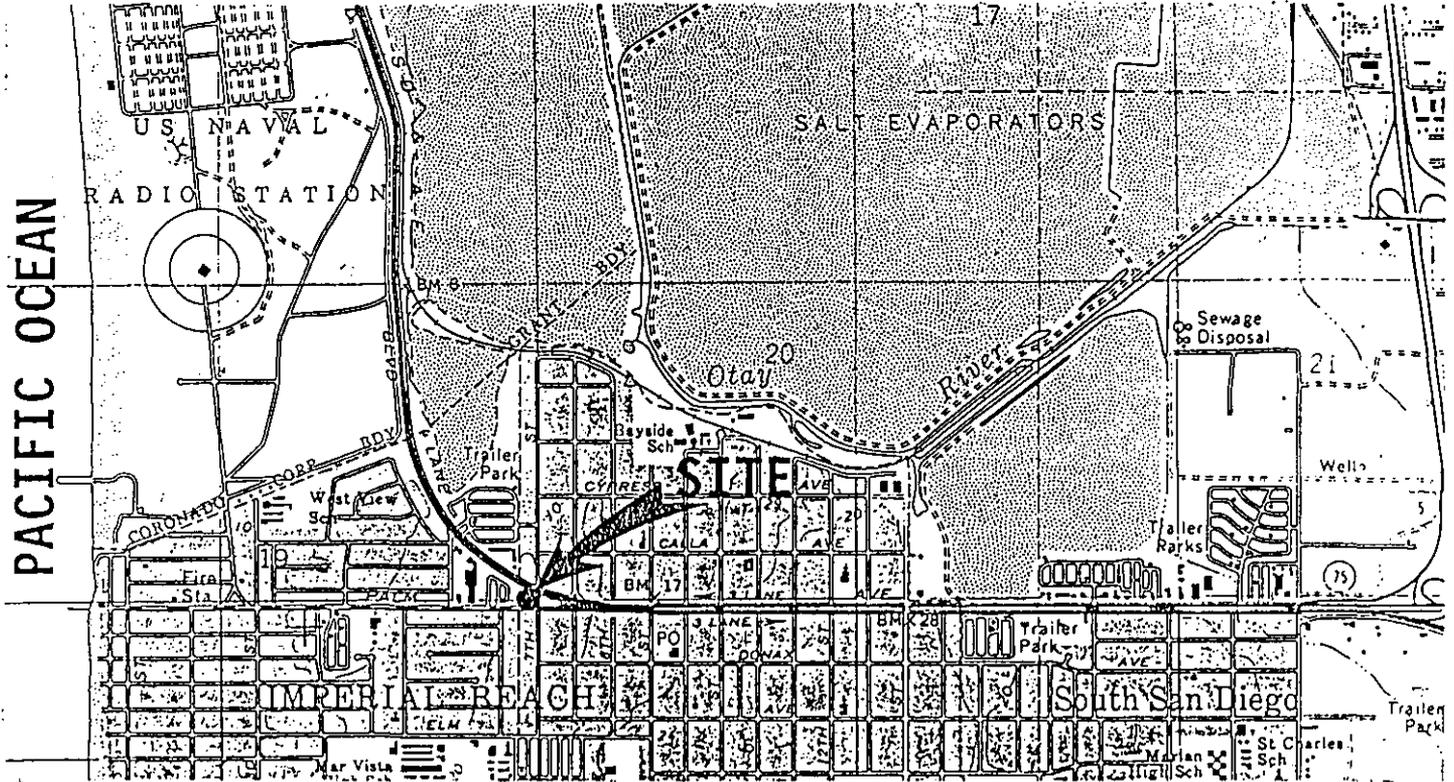
SAMPLE No.	<u>EPA METHOD 160.1</u> TOTAL DISSOLVED SOLIDS
OMW-4	4790
MW-5	4580
MW-7	4080
MW-8	4190
MW-11	5490
MW-13	3080
MW-14	4890
MW-15	4440
MW-16	882

TABLE 6

GENERAL MINERALS IN GROUNDWATER SAMPLES

December 19 - 21, 1990

GENERAL MINERALS	UNITS	MW-13	MW-8
CARBONATE AS CaCO_3	mg/l	<5.0	<5.0
BICARBONATE AS CaCO_3	mg/l	463	463
HYDROXIDE AS CaCO_3	mg/l	<5.0	<5.0
TOTAL ALKALINITY AS CaCO_3	mg/l	463	463
CATION/ANION BALANCE	ratio	0.92	0.93
CHLORIDE	mg/l	1210	2760
CONDUCTIVITY	$\mu\text{mhos/cm}$	5080	9400
FLUORIDE	mg/l	<0.5	<0.5
SURFACTANTS	mg/l	<0.1	<0.1
NITRATE-NITRITE	mg/l	5.8	1.3
pH	units	7.2	7.26
SULFATE	mg/l	401	381
CALCIUM	mg/l	205	339
COPPER	mg/l	<0.02	<0.02
IRON	mg/l	<0.01	<0.01
HARDNESS	mg/l	944	1750
POTASSIUM	mg/l	23.4	15.1
MAGNESIUM	mg/l	105	219
MANGANESE	mg/l	0.10	2.1
SODIUM	mg/l	657	1230
ORGANIC LEAD	mg/l	<0.03	<0.03
ZINC	mg/l	<0.01	<0.01



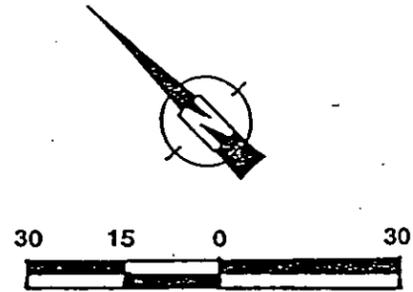
REFERENCE:
 U.S.G.S. - 7.5 Minute Series, Topographic Map
 Imperial Beach Quadrangle (1975)



SITE LOCATION MAP

MOBIL SERVICE STATION #18-FPL
 681 Highway 75, Imperial Beach, CA
 for: Mobil Oil Corporation

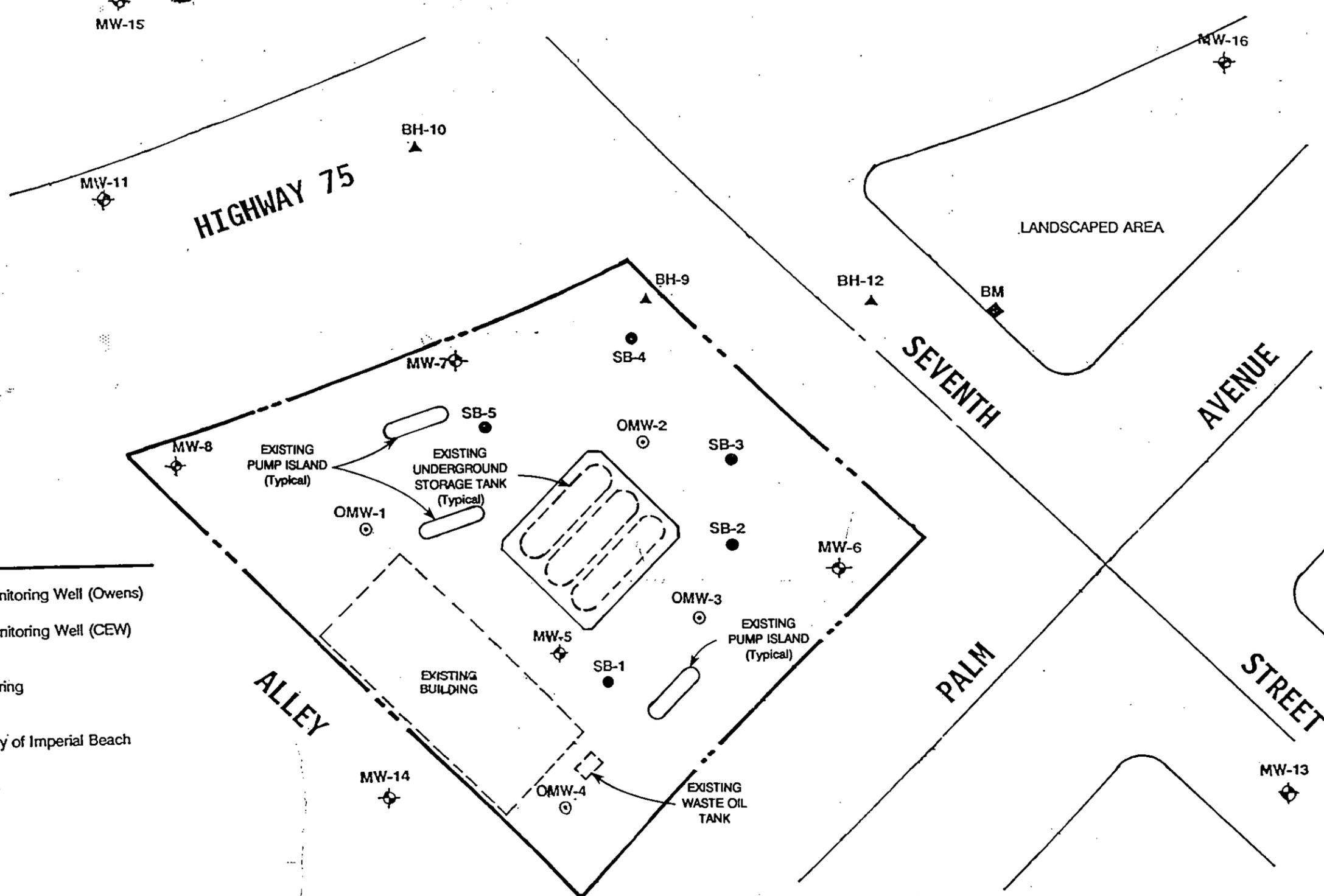
Project No.
 90-82-156-02



SCALE IN FEET
Contour Interval = 0.01 feet

LEGEND:

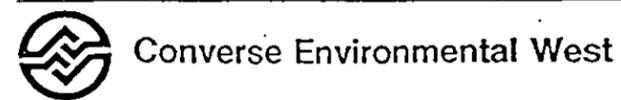
- ⊙ OMW-1 Approximate Location of Monitoring Well (Owens)
- ⊕ MW-15 Approximate Location of Monitoring Well (CEW)
- SB-5
OR
▲ BH-9 Approximate Location of Boring
- ◆ BM Approximate Location of City of Imperial Beach
Datum Benchmark #50
- Approximate Property Line

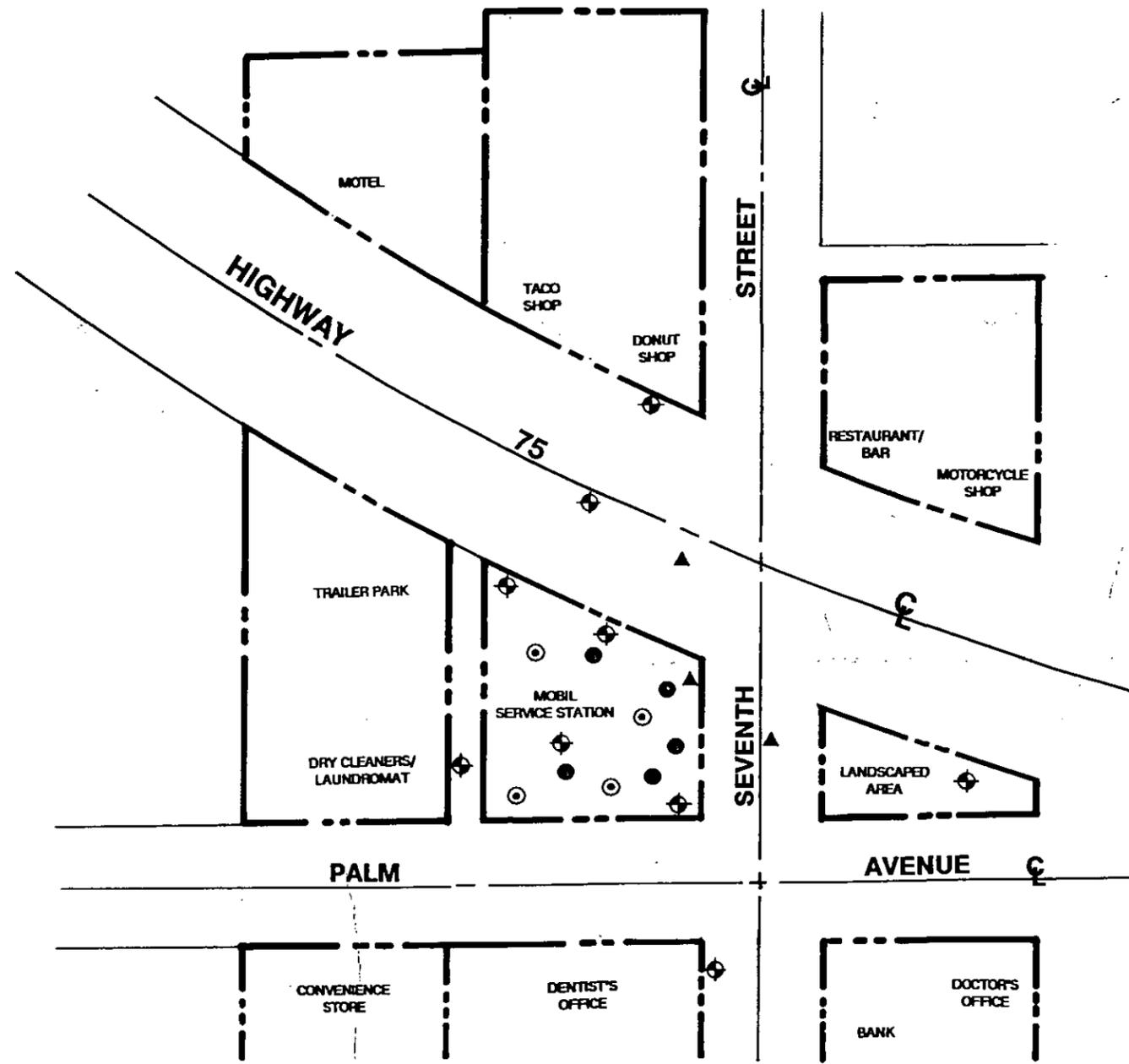


SITE PLAN

MOBIL OIL CORPORATION
Service Station #18-FPL
Imperial Beach, CA

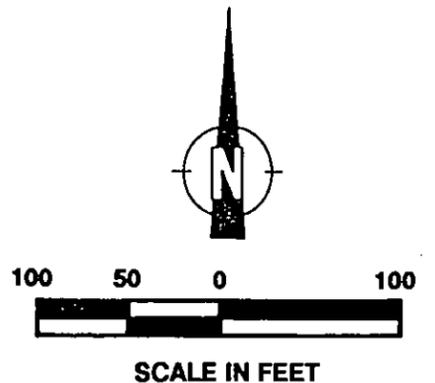
Scale	AS SHOWN	Project No.	90-82-156-02
Date	6-28-91	Drawing No.	2
Prepared By	DR	Checked By	DDH
Approved By	RNR		





LEGEND:

- ⊙ Approximate Location of Monitoring Well (Owens)
- ⊕ Approximate Location of Monitoring Well (CEW)
- OR ▲ Approximate Location of Boring
- Approximate Property Line



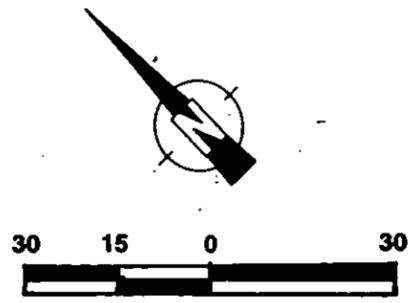
REFERENCE: Right of Way Map No: 34529
 City of Imperial Beach, CA
 Survey No: T 18 S R 2 W S.B.B.M. Section 19
 by: State of CA, Dept. of Transportation, District 11
 date: September 1989

LOCAL PROPERTY USE PLAN

MOBIL SERVICE STATION #18-FPL
 681 Highway 75, Imperial Beach, CA
 for: Mobil Oil Corporation

Scale	AS SHOWN	Project No.	90-82-156-02
Date	6-5-91	Prepared By	DR
Checked By	RNR	Approved By	JCB
Drawing No.	3		

 **Converse Environmental West**

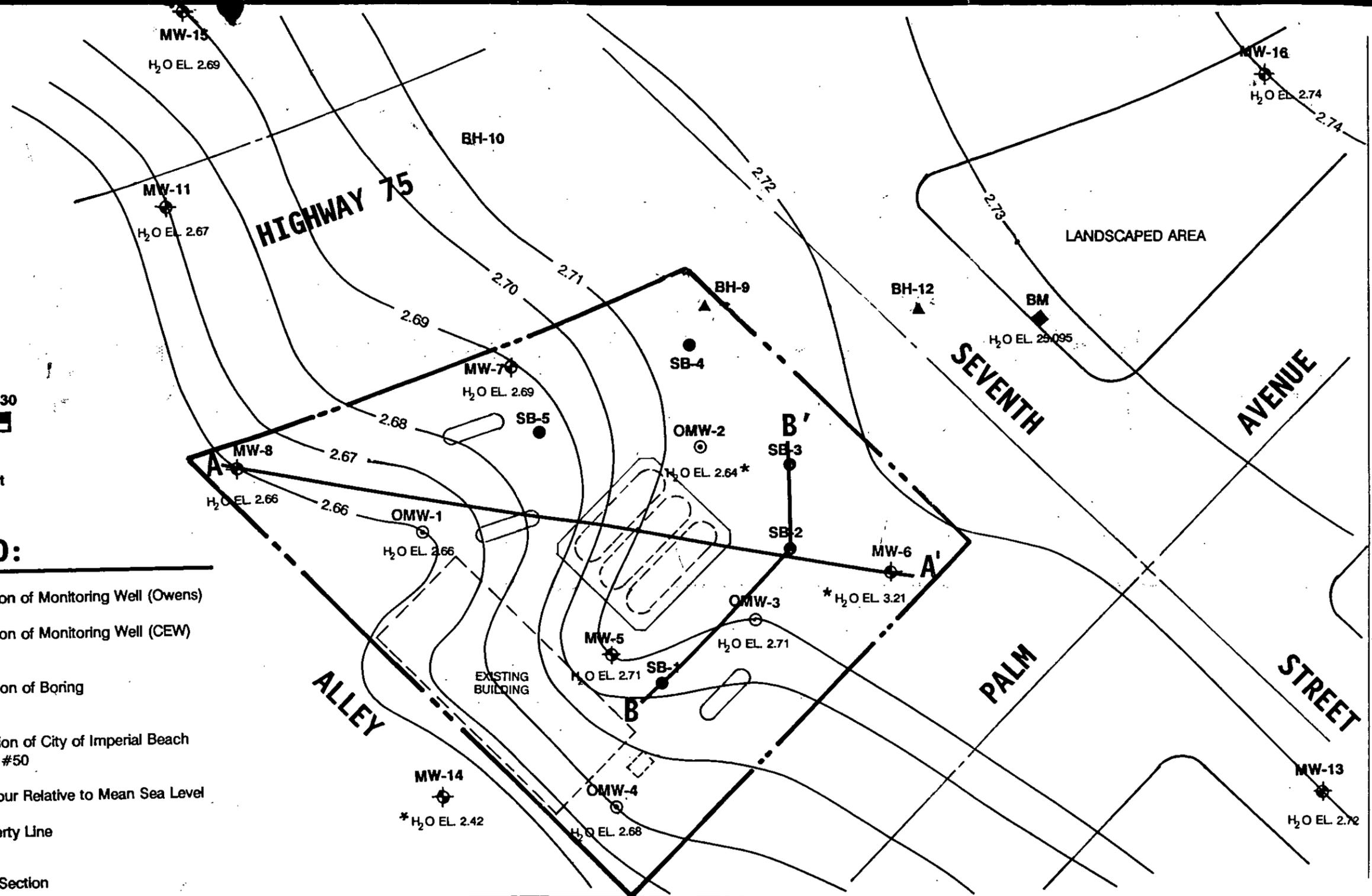


SCALE IN FEET
Contour Interval = 0.01 feet

LEGEND:

- ⊙ OMW-1 Approximate Location of Monitoring Well (Owens)
- ⊕ MW-15 Approximate Location of Monitoring Well (CEW)
- SB-5 OR Approximate Location of Boring
- ▲ BH-9
- ◆ BM Approximate Location of City of Imperial Beach Datum Benchmark #50
- 2.66— Groundwater Contour Relative to Mean Sea Level
- - - - - Approximate Property Line
- A - A' Location of Cross Section

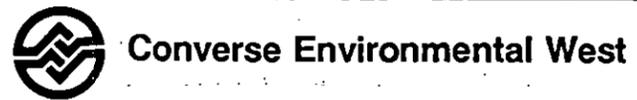
* NOTE: Incongruous water table reading. Data not utilized in water gradient map. CEW continues to monitor well to determine validity of data.



ESTIMATED GROUNDWATER GRADIENT MAP

MOBIL OIL CORPORATION
Service Station #18-FPL
Imperial Beach, CA

Scale	AS SHOWN	Project No.	90-82-156-02
Date	6-28-91	Drawing No.	4
Prepared By	DR		
Checked By	DDH		
Approved By	RNR		

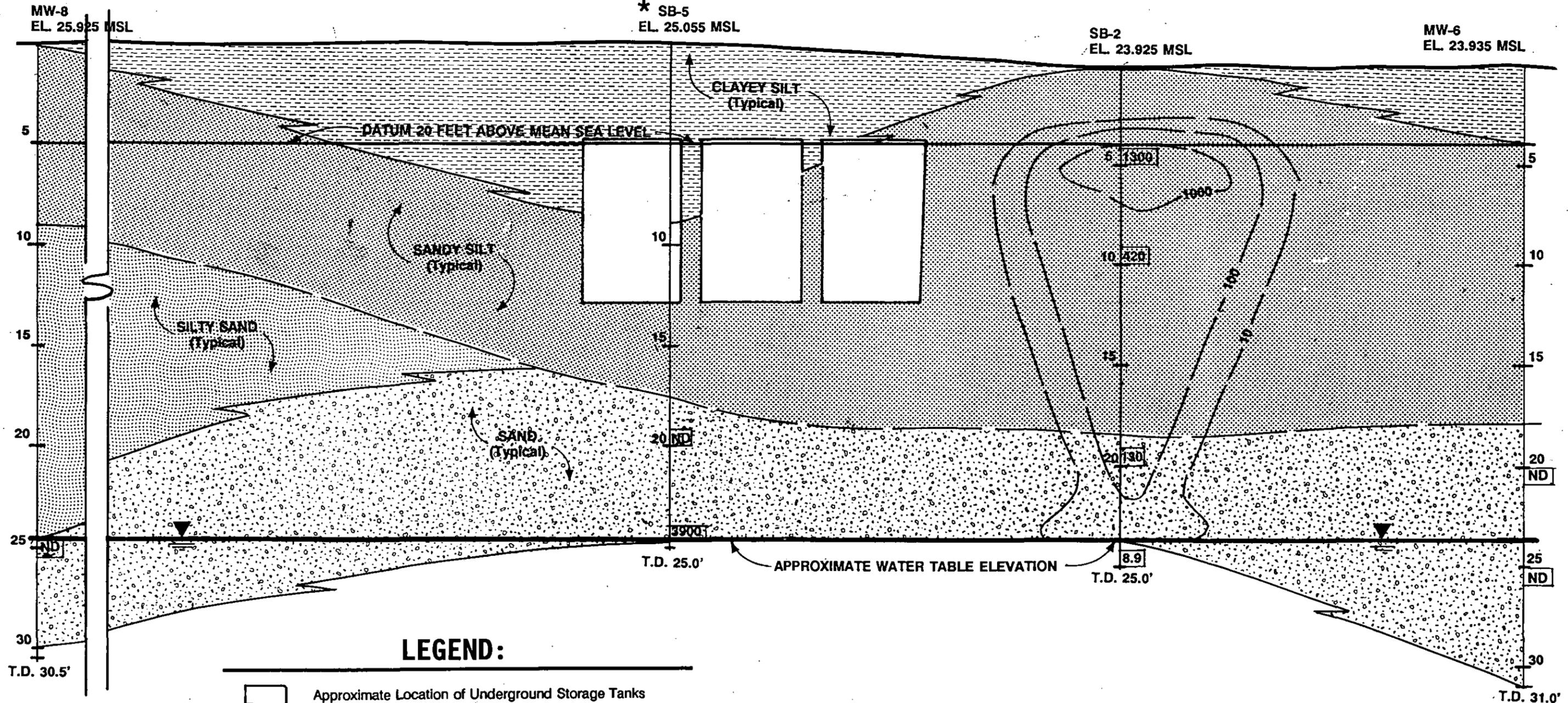


NW

SE

A

A'



LEGEND:

-  Approximate Location of Underground Storage Tanks
- 10,000 Total Fuel Hydrocarbon Contours (mg/kg)
- * SB-5 Has Been Projected Approximately 20 Feet to the Southwest
-  TFH Concentration in Soil
- Horizontal Scale: 1" = 10'
- Vertical Exaggeration: 1" = 10'

CROSS SECTION SHOWING TFH IN SOIL & LITHOLOGY

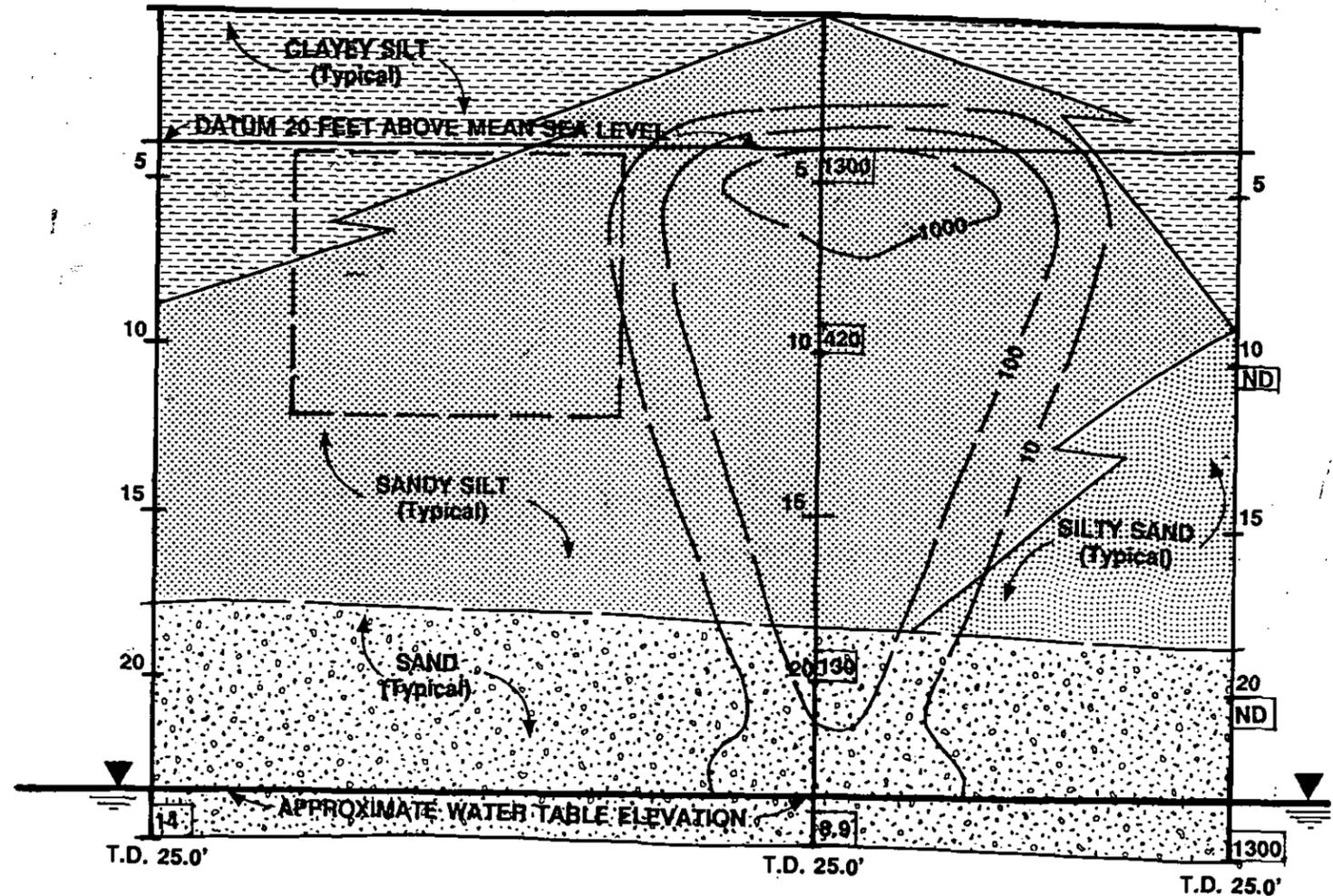
MOBIL OIL CORPORATION
 Service Station # 18-FPL
 Imperial Beach, CA

Scale	AS SHOWN	Project No.	90-82-156-02
Date	6-28-91	Drawing No.	
Prepared By	DR		
Checked By	DDH		
Approved By	RNR		

 **Converse Environmental West**

W E
B B'
A - A'

SB-1 EL. 24.075 MSL SB-2 EL. 23.925 MSL SB-3 EL. 232.615 MSL



LEGEND:

- Approximate Location of Underground Storage Tanks
- 10,000- Total Fuel Hydrocarbon Contours (mg/kg)
- 420 TFH Concentration in Soil
- Horizontal Scale: 1" = 10'
- Vertical Exaggeration: 1" = 10'

CROSS SECTION SHOWING TFH IN SOIL & LITHOLOGY

MOBIL OIL CORPORATION
Service Station # 18-FPL
Imperial Beach, CA

Scale	AS SHOWN	Project No.
Date	6-28-91	90-82-156-02
Prepared By	DR	Drawing No.
Checked By	DDH	
Approved By	RNR	

Converse Environmental West

MW-15
ND

MW-16
ND

HIGHWAY 75

BH-10

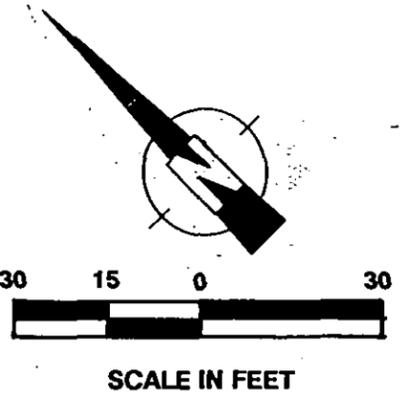
LANDSCAPED AREA

BH-12

BM

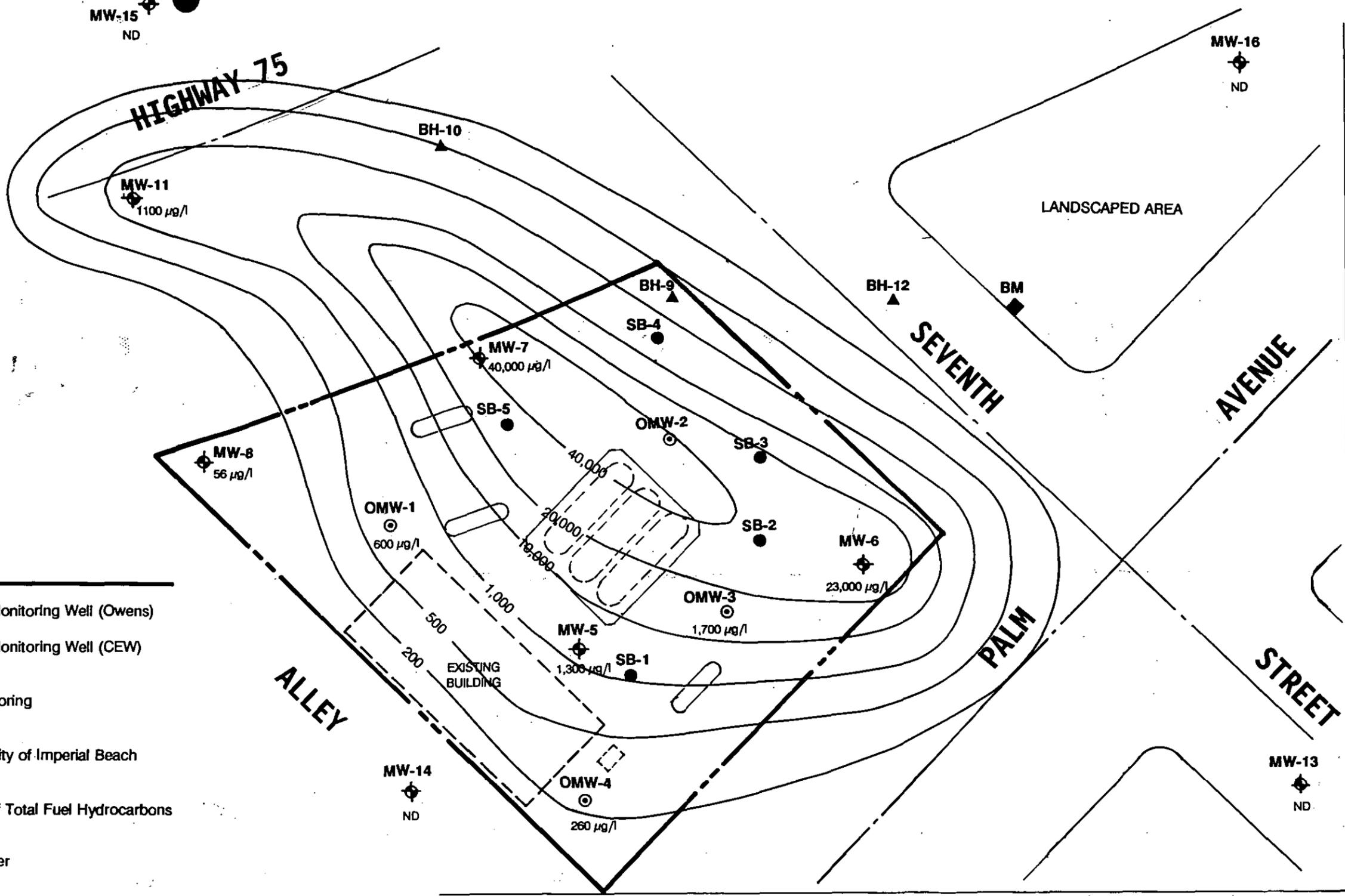
SEVENTH

AVENUE



LEGEND:

- ⊙ OMW-1 Approximate Location of Monitoring Well (Owens)
- ⊕ MW-15 Approximate Location of Monitoring Well (CEW)
- SB-5 OR ▲ BH-9 Approximate Location of Boring
- ◆ BM Approximate Location of City of Imperial Beach Datum Benchmark #50
- 10,000- Estimated Concentration of Total Fuel Hydrocarbons in Water ($\mu\text{g/l}$)
- ND TFH "Not Detected" in Water
- Approximate Property Line

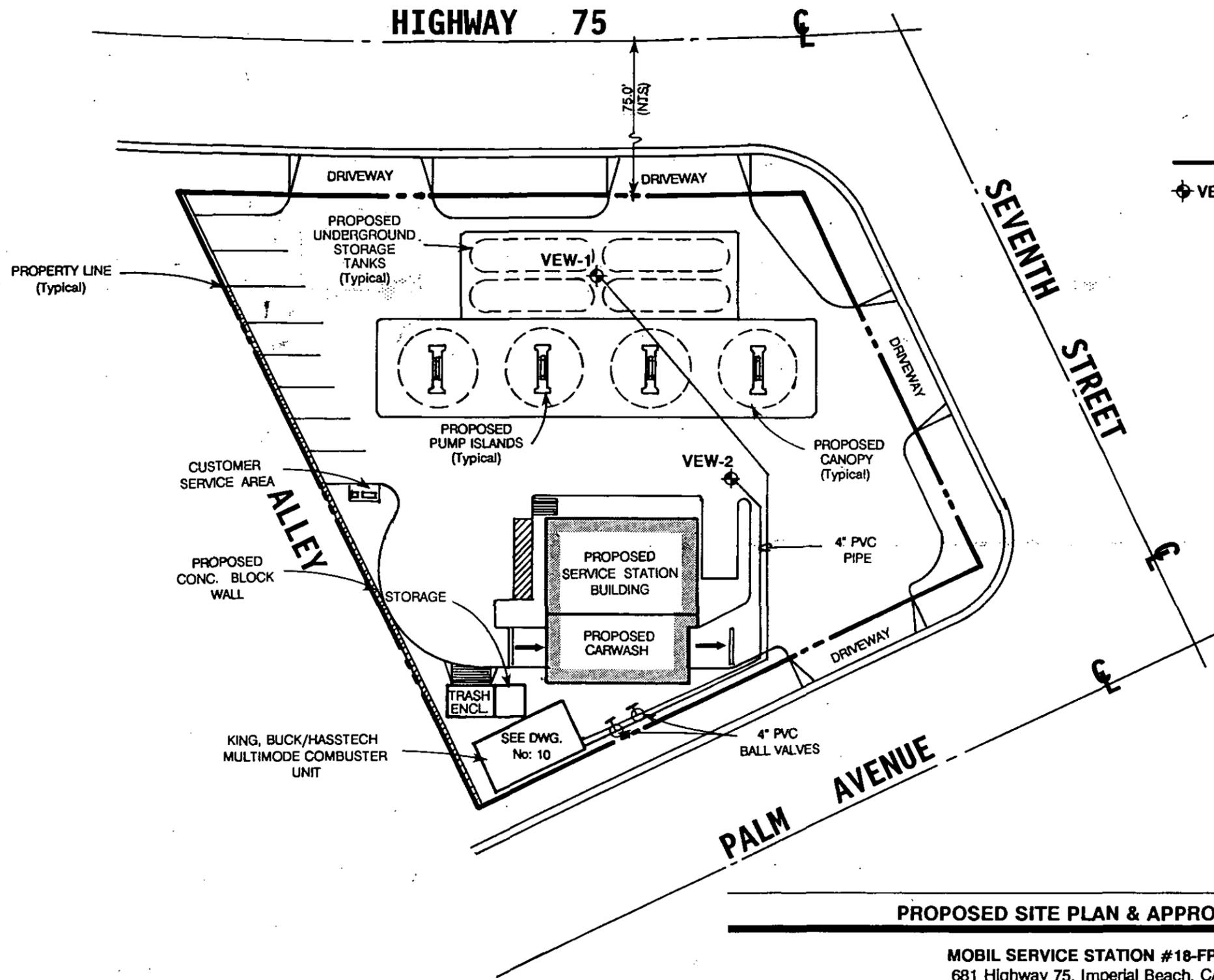


ESTIMATED EXTENT OF TFH CONCENTRATION IN GROUNDWATER

MOBIL OIL CORPORATION
Service Station #18-FPL
Imperial Beach, CA

Scale	AS SHOWN	Project No.	90-82-156-02
Date	6-28-91	Drawing No.	7
Prepared By	DR	Checked By	DDH
Approved By	RNR		

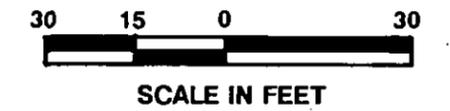
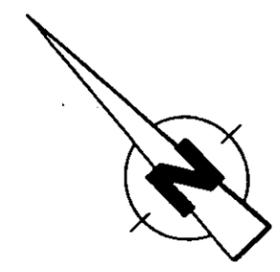
 Converse Environmental West



LEGEND:

⊕ VEW-1 Approximate Location of Proposed Vapor Extraction Well

REFERENCE: Plot Plan
 Mobil S.S. #18-FPL
 Palm Ave. & Seventh St. & Hwy. 75
 Imperial Beach, CA
 Drawing No: 18-FPL
 by: KHR Associates
 date: September 27, 1989



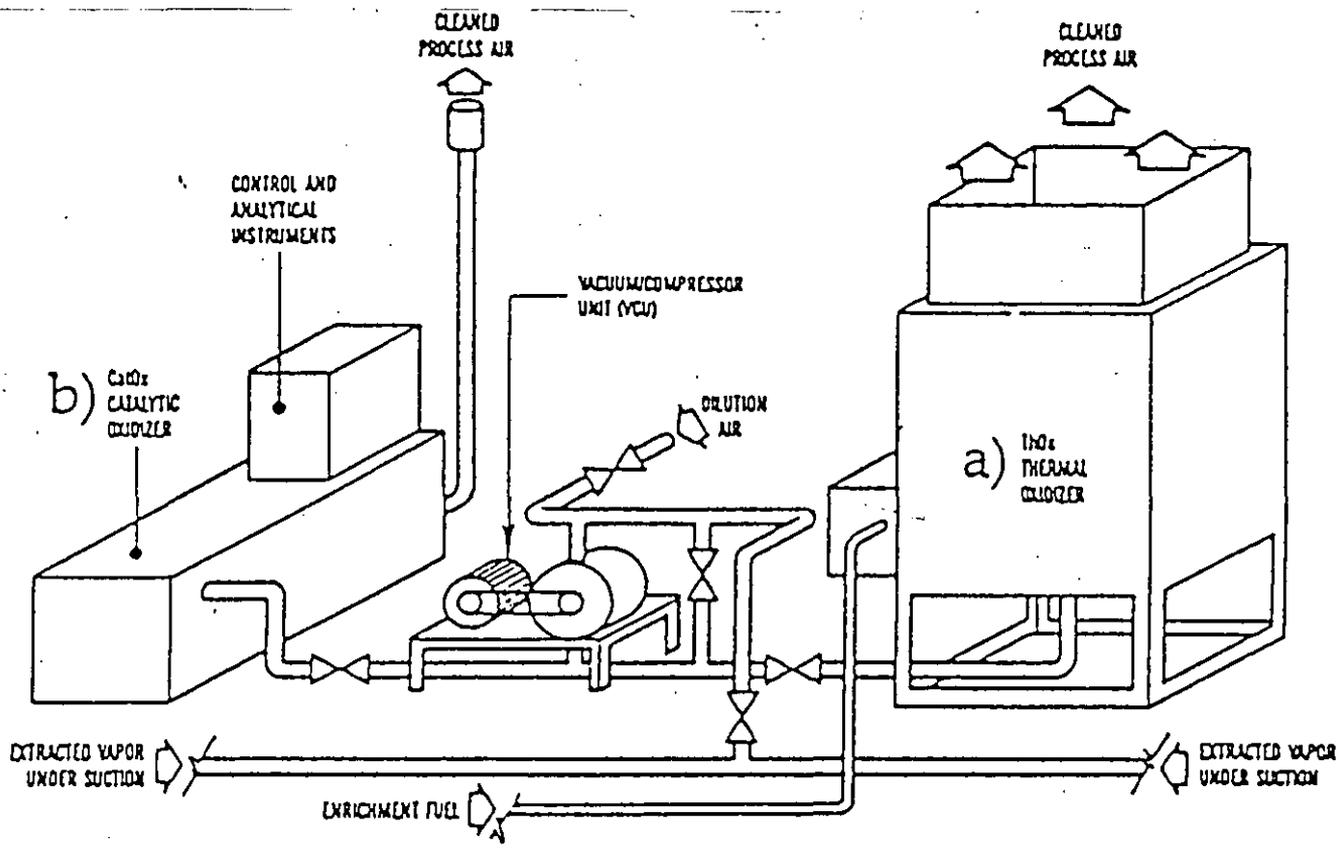
PROPOSED SITE PLAN & APPROXIMATE LOCATION OF VES EQUIPMENT

MOBIL SERVICE STATION #18-FPL
 681 Highway 75, Imperial Beach, CA
 for: Mobil Oil Corporation

Scale	AS SHOWN	Project No.	90-82-156-02
Date	6-28-91	Drawing No.	
Prepared By	DR		
Checked By	RNR		
Approved By	JCB		

8

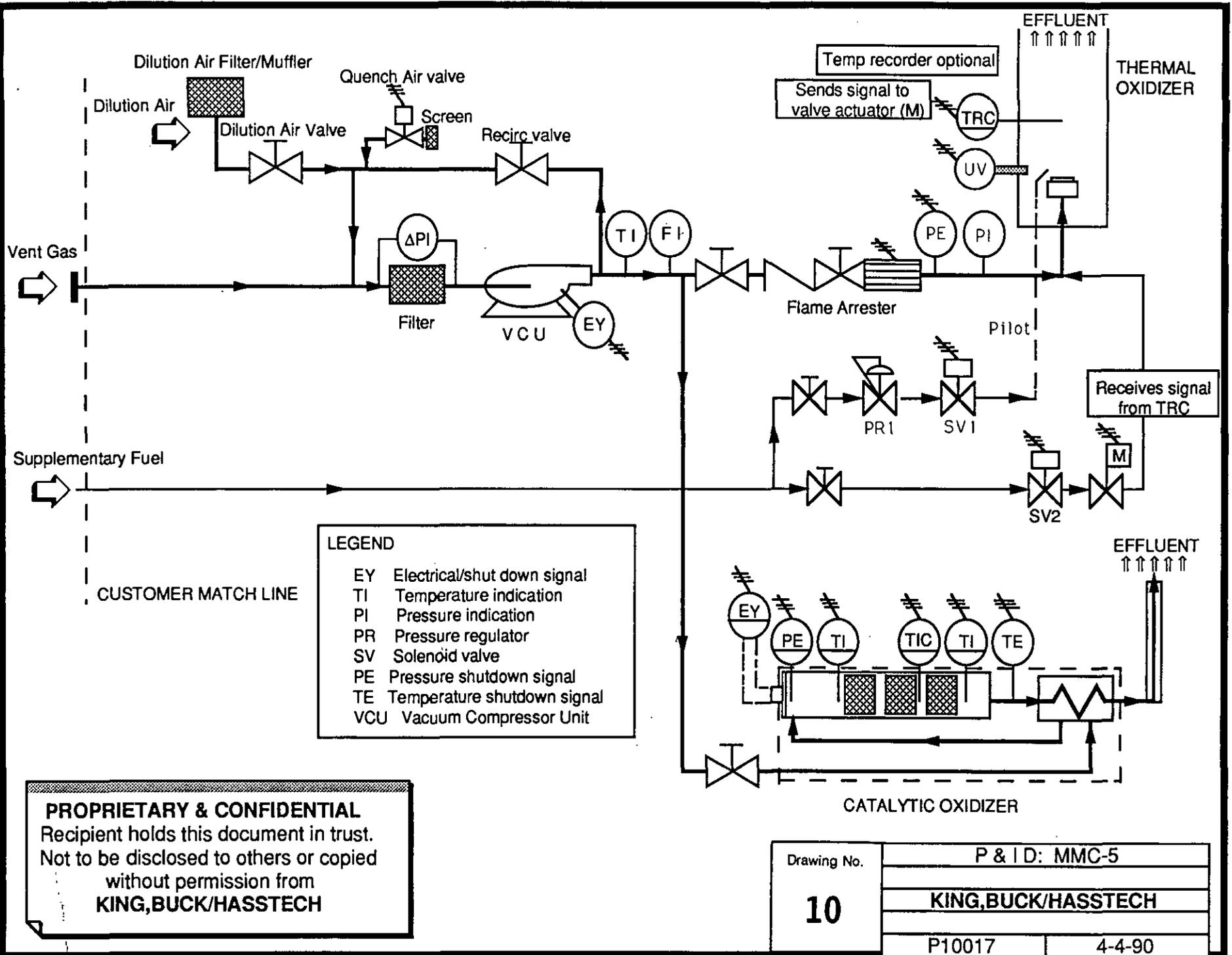


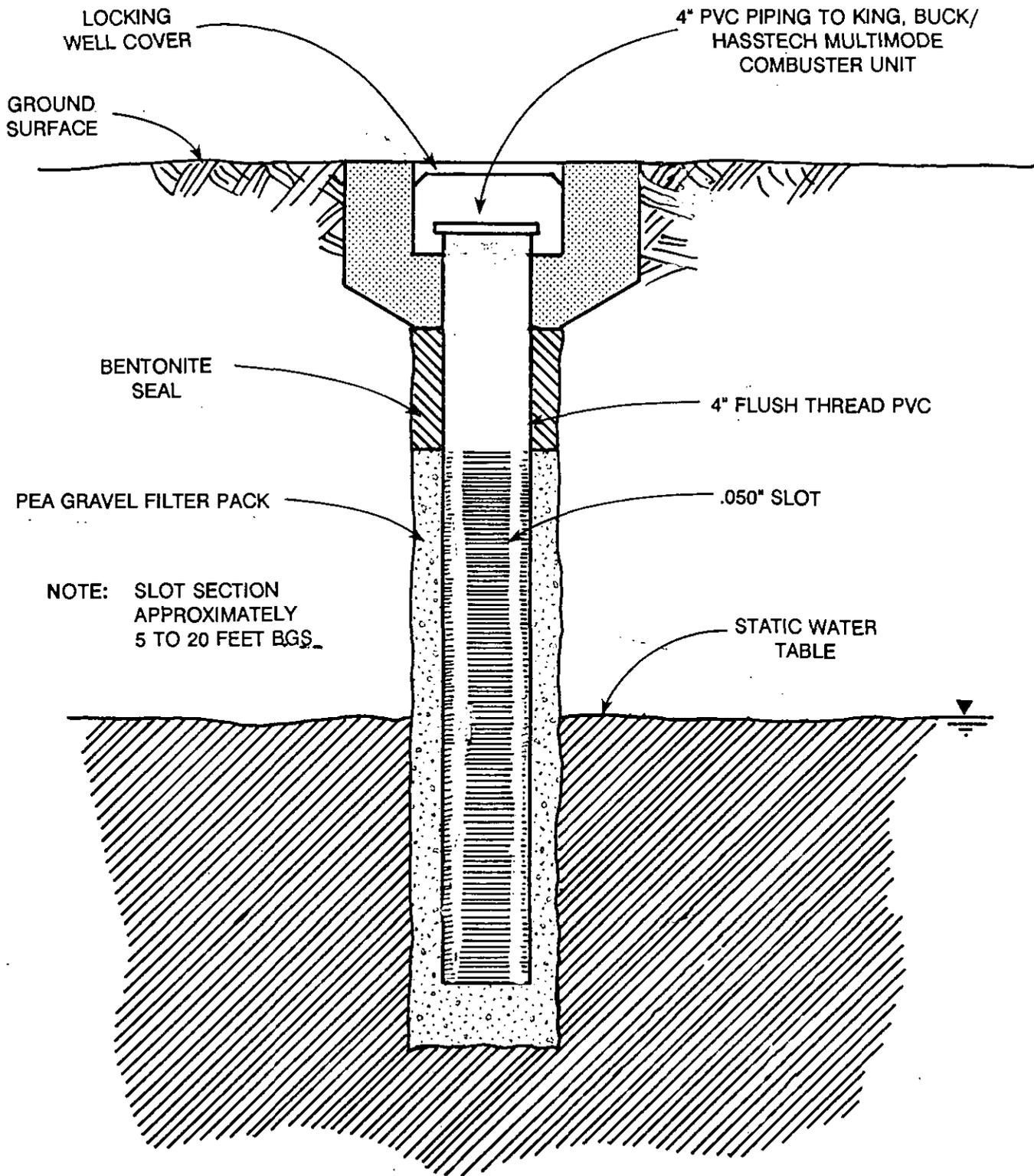


REFERENCE: Two-Stage/Catalytic Oxidation Process
 King, Buck/Hasstech Multimode Combuster (MCC)
 Figure No: 2
 by: King, Buck/Hasstech

TWO-STAGE THERMAL/CATALYTIC OXIDATION PROCESS

Drawing No.





NOTE: SLOT SECTION
APPROXIMATELY
5 TO 20 FEET BGS.

SCHEMATIC ONLY (NOT TO SCALE)

VAPOR EXTRACTION WELL SCHEMATIC

MOBIL SERVICE STATION #18-FPL
681 Highway 75, Imperial Beach, CA
for: Mobil Oil Corporation

Project No.

90-82-156-02

Drawing No.

11



CONVERSE ENVIRONMENTAL WEST

Approved for publication by _____

REMOVED
EB 14 11 13 AM '91
E. HEALTH SERVICES

Mobil Oil Corporation

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

February 11, 1991

PRIORITY 1

Mr. Donn LiPera
San Diego County DOHS - HMMD
P.O. Box 85621
San Diego, CA 92138

MOBIL OIL CORPORATION
S/S 18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA
T01392/H05459

Dear Mr. LiPera:

Enclosed for your review is the Report on Expanded Soil and Groundwater Characterization, dated January 18, 1991, for subject location.

Eight additional soil borings were drilled and sampled as noted in the report. Five of the borings were converted into ground water monitoring wells. The ground water plume is defined by this additional investigation.

As noted prior, near-surface soil contamination appears to be limited to the area east of the tank cavity (SB-2). The remainder of the soil contamination is within the water table zone and caused by the groundwater contamination.

A quarterly monitoring program will begin and a work plan for remediation of the site will follow under separate cover.

If you have any questions, please feel free to contact me at (818) 953-2519.

Sincerely,



David M. Noe, P.E.
GW Projects Engineer

DMN/st
enclosure

cc: Mr. Jim Munch (w/ enclosure)
RWQCB - San Diego Region
9771 Clairemont Blvd
San Diego, CA 92124

K. M. Rytokoski - Oceanside (w/o)



**ENVIRONMENTAL AFFAIRS
OPERATIONS DEPARTMENT**

JAN 21 1991

**REPORT ON EXPANDED SOIL
AND GROUNDWATER CHARACTERIZATION**

MOBIL SERVICE STATION # 18-FPL
681 HIGHWAY 75
IMPERIAL BEACH, CALIFORNIA

SAN DIEGO COUNTY HAZARDOUS MATERIALS
MANAGEMENT DIVISION CONTROL# H05459 (T1392)
A.P.N.# 626-250-12

PREPARED FOR:

MOBIL OIL CORPORATION
3142 VISTA WAY, SUITE 400
OCEANSIDE, CALIFORNIA 92056-3608

CEW Project No. 90-82-156-01



January 18, 1991

Mobil Oil Corporation
3142 Vista Way, Suite 400
Oceanside, California 92056-3608

Attention: Ms. Katja Rytokoski

Subject: REPORT ON EXPANDED SOIL AND
GROUNDWATER CHARACTERIZATION
Mobil Oil Service Station #18-FPL
681 Highway 75
Imperial Beach, California
CEW Project No. 90-82-156-01

Dear Katja:

We are pleased to present our Report of Expanded Soil and Groundwater Characterization at the Mobil Oil service station #18-FPL located in Imperial Beach, California.

Please call if you have any questions or need additional information.

Respectfully Submitted,
CONVERSE ENVIRONMENTAL WEST

Rod Reeve
Senior Geologist

RNR:kn

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APPENDIX B - BORING LOGS

APPENDIX C - ANALYTICAL PROCEDURES AND TEST RESULTS

90-82-156-01

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SUMMARY

This report presents the findings of additional activities conducted by Converse Environmental West (CEW) at Mobil Oil Station #18-FPL, located at 681 Highway 75 in Imperial Beach, California. These activities were performed to further characterize soil and groundwater on and off the subject site. The characterization included soil borings, soil sampling, installation of monitoring wells, groundwater sampling, and analytical testing.

A total of eight soil borings were drilled, logged, and sampled on December 11, 12, 13, and 14, 1990. Soil samples were obtained from each boring at 5 foot intervals to a depth of approximately 20 feet below ground surface (bgs). Samples were collected at 1 foot intervals below 20 feet bgs until groundwater was encountered. This sampling plan was followed so that soil at the capillary fringe was sampled in each boring. All samples were field screened immediately upon retrieval using a photo-ionization detector (MicroTip II). Designated samples were analyzed on site by a mobile laboratory supplied by Analytical Technologies Incorporated (ATI). Soil samples were analyzed for Total Fuel Hydrocarbons (TFH) and benzene, toluene, ethylbenzene, and total xylenes (BTEX) according to modified EPA test methods 8015 and 8020, respectively.

Soil samples in five of the borings were found to contain TFH and BTEX concentrations below the laboratory detection limits. These borings were converted to monitoring wells MW-11, MW-13, MW-14, MW-15, and MW-16. Soil samples from three borings, BH-9, BH-10, and BH-12, each at approximately 23 feet below ground surface (bgs), indicated TFH concentrations of 130 mg/kg, 1,000 mg/kg, and 12,000 mg/kg, respectively. These borings were backfilled to approximately two feet below the ground surface using bentonite (Enviroplug). The upper two feet in each hole was then filled with a quick setting concrete. A summary of analytical results for these soil samples is presented in Table 1.

After the installation and development of wells MW-11, MW-13, MW-14, MW-15, and MW-16, all wells were monitored for depth to groundwater and for the presence of free product using an ORS oil/water interface probe. No free product was noted in any of the wells. Groundwater monitoring information is presented in Table 2, and a groundwater gradient map is presented in Figure 3. The groundwater gradient appears to be to the west-northwest at approximately 0.0004 ft./ft.

All wells were purged and sampled, including previously existing wells. Water samples were sent to ATI in San Diego, a state-certified laboratory, for analysis. All of the water samples were analyzed for TFH and BTEX using modified EPA methods 8015 and 8020. TFH and BTEX concentrations were below the laboratory detection limits in wells MW-13, MW-14, MW-15, and MW-16, located

south, west, north, and east of the site, respectively. TFH concentrations in other wells ranged from 56 $\mu\text{g/l}$ in MW-8 to 40,000 $\mu\text{g/l}$ in MW-7. A map showing the estimated concentration of TFH in the groundwater is presented in Figure 4.

1.0 INTRODUCTION

The subject site is Mobil Oil service station #18-FPL located at 681 Highway 75 in Imperial Beach, California. Figure 1 shows the general vicinity of the project and Figure 2 is a site plan showing existing conditions.

The site is bounded on the west by a mobile home court and a laundry center near the southwest corner; to the north by Highway 75; Seventh Street to the east and Palm Avenue on the south. Across Highway 75 to the north is a motel, and several fast food restaurants. To the east of Seventh Street is a triangular landscaped area. A dental office is located south of Palm Avenue. The site slopes slightly to the south-southwest. Approximately 1/2-mile to the north and east, the Otay River discharges into diked salt evaporative tide flats of San Diego Bay. To the west approximately 1-mile, is the Pacific Ocean.

Background Information

In late January 1990, CEW was requested by Mobil Oil Corporation to review previous work performed at the subject site by Owen Consultants. Based on review of this data, the subject site appeared to be impacted by petroleum hydrocarbons from underground gasoline storage tank systems. Soil and groundwater contamination (dissolved phase) had been identified. The site is presently an active service station.

It is understood that approximately 3-1/2 years ago (1986) the fuel tanks in the central portion of the site were replaced. Conversations with the station manager indicate the new fuel storage tanks were placed in the same excavation from which the old tanks were removed. Approximately one year later, a small waste oil tank (approximately 250 gallons) was removed from the area immediately west of the fuel storage tanks and a 1000 gallon waste oil tank was placed underground near the south end of the existing building (Figure 2).

Geotechnical explorations performed by Owen Consultants in August 1988 indicated elevated hydrocarbon levels in soil samples above 19.5 feet below ground surface at which depth the borings were terminated.

In March 1989, Owen Consultants installed groundwater monitoring wells at the subject site. San Diego County Hazardous Materials Management Division (HMMD) has record of the subject site on file, dated May 1989. The site also appears on the Regional Water Quality Control Board's (RWQCB) Underground Tank List, and Office of Planning and Research Hazardous Waste and Substances Sites List for San Diego County.

During March 1990, Target Environmental Services performed a soil gas survey for Mobil Oil Corporation at the site. The purpose of this survey was to assist in determining extent of subsurface contamination. In addition to hydrocarbon and non-halogenated solvent analysis, analysis was performed for chlorinated hydrocarbons. One sample, from the southwest corner of the site, was analyzed for the chlorinated hydrocarbon, tetrachloroethene (PCE) using gas chromatography/electron capture detection (GC/ECD) methods which indicated detectable levels of PCE. Target Environmental Services indicated the possibility of PCE at other sampling points west of the pump islands but no quantitative data were presented.

On March 5, 1990, Mobil Oil Corporation authorized Converse Environmental West to conduct an Expanded Soil and Groundwater Characterization at the subject site. On March 20 and 21, 1990, CEW drilled and sampled nine borings, converting four of the borings to monitoring wells, MW-5, MW-6, MW-7, and MW-8. The newly installed monitoring wells and the existing wells installed by Owen Consultants were developed, purged, and sampled. Soil and groundwater samples were analyzed for Total Fuel Hydrocarbons (TFH) and benzene, toluene, ethylbenzene, and total xylenes (BTEX) according to EPA methods 8015 and 8020 modified. Two groundwater samples, from MW-6 and MW-8, were analyzed for total dissolved solids using EPA method 160.1, and five groundwater samples, from OMW-3, OMW-4, MW-5, MW-7, and MW-8, were analyzed for halogenated volatile organics using EPA method 8010. Results of this investigation were reported in CEW's "Report on Expanded Soil and Groundwater Characterization", dated April 13, 1990. These results indicated that the subsurface had been impacted by petroleum hydrocarbons.

2.0 SCOPE OF WORK

CEW was authorized by Mobil Oil Corporation to conduct the following activities in accordance with the proposed work plan dated August 10, 1990. The work was performed to further characterize subsurface conditions on and off the subject site.

- ◇ Task 1: Sample Groundwater Monitoring Wells
- ◇ Task 2: Complete Soil Borings
- ◇ Task 3: Install Groundwater Monitoring Wells.
- ◇ Task 4: Survey Monitoring Wells
- ◇ Task 5: Develop and Sample Monitoring Wells

The City of Imperial Beach benchmark, located to the east and slightly south of the site, was used as a basis to determine the elevation of all monitoring wells. This datum is reported by the City of Imperial Beach to be at elevation 25.095 feet above mean sea level. Top of casing elevations range from approximately 22.6 to 26.0 feet above mean sea level.

5.0 GROUNDWATER

The site lies within the Otay Valley Hydrographic Area which is within the Otay Hydrologic Unit. This area has been classified by the RWQCB as being a beneficial groundwater use area for municipal/domestic supply and agricultural supply. However, according to RWQCB, this area does not meet criteria for these classifications. This area also is classified as a beneficial groundwater use area for industrial service supply. Nine water samples collected from December 19 to 21, 1990, were analyzed by ATI for total dissolved solids (TDS) using EPA test method number 160.1. Test results indicate the samples range in concentration from 882 mg/l to 5490 mg/l TDS. Only one water sample indicated total dissolved solids below 3000 mg/l (MW-16). Figure 7 shows the distribution of the samples and their concentrations. According to RWQCB, water quality objectives for beneficial groundwater with respect to TDS are 1000 mg/l.

Analysis for general minerals was also performed on water samples obtained from monitoring wells MW-8 and MW-13. These results are presented in Table 7.

Based on groundwater level measurements taken on January 7, 1991, the groundwater gradient on site appears to be to the west-northwest at approximately 0.0004 ft/ft. The water level on site is approximately 19 to 23.5 feet bgs or 2.66 to 2.71 feet above mean sea level (MSL). A groundwater gradient map is presented in Figure 3. Groundwater level data from wells MW-6 and OMW-2 was not used in determining the groundwater gradient because it was incongruous with data from the other wells on site. CEW is unable to determine if the disparities in the data of these wells is caused by natural hydrologic conditions, or if hydrologic conditions immediately surrounding the well have been altered by drilling and well installation. CEW will continue to monitor the wells to determine the validity of the data.

During purging and sampling procedures, groundwater levels in the monitoring wells fluctuated only slightly with the exception of MW-6 which was purged to dryness. Recharge appears to be rapid in all wells with the exception of MW-6.

6.0 LABORATORY TEST RESULTS

All chemical analyses were performed by Analytical Technologies Incorporated (ATI). All soil and groundwater samples were analyzed for TFH and BTEX using modified EPA methods 8015 and 8020. Nine water samples from wells OMW-4, MW-5, MW-7, MW-8, MW-11, MW-13, MW-14, MW-15, and MW-16 were analyzed for total dissolved solids using EPA method 160.1 and halogenated volatile organics using EPA method 8010. Additionally, monitoring wells MW-7, MW-8, MW-11, MW-13, MW-14, MW-15, and MW-16 were analyzed for organic lead using EPA method 6010. Analysis for volatile organics using EPA method 8240 was also performed on water samples from OMW-4, MW-5, MW-7, MW-8, and MW-14. Monitoring wells MW-13 and MW-8 were analyzed for general minerals. Analytical results for soil samples are summarized in Table 2, and analytical results for water samples are summarized in Tables 3 through 8.

TFH and BTEX were not detected in soil samples collected from borings MW-11, MW-13, MW-14, MW-15, and MW-16. Soil samples from borings BH-9, BH-10, and BH-12, each collected at approximately 23 feet bgs, contained TFH concentrations of 130 mg/kg, 1,000 mg/kg, and 12,000 mg/kg, respectively.

Groundwater from well MW-7 contained the highest concentration of TFH, measuring 40,000 $\mu\text{g}/\text{l}$. Groundwater from monitoring well MW-8 contained the lowest detectable concentration of TFH, measuring 56 $\mu\text{g}/\text{l}$. TFH and BTEX was not detected in water samples from monitoring wells MW-13, MW-14, MW-15, and MW-16, which are located south, west, north, and east of the site, respectively. A summary of analytical results for groundwater, including tests for TFH and BTEX, is presented in Table 3. The estimated extent of TFH in groundwater is illustrated in Figure 3. No organic lead was detected in any of the monitoring wells sampled (Table 7). Total dissolved solids in water ranged from 882 $\mu\text{g}/\text{l}$ in well MW-16 to 5,490 $\mu\text{g}/\text{l}$ in well MW-11.

Based on previous work performed at the subject site and the indication of tetrachloroethene, analysis for chlorinated solvents was performed on nine groundwater samples using EPA test method 8010. Additionally, at the request of HMMD personnel, EPA test method 8240 was performed on five of these water samples. Correlation between the two tests was apparent, and the results are presented in Figure 8. Tables 5 and 6 present the laboratory analysis.

7.0 CONCLUSIONS

Previous work performed for Mobil Oil regarding hydrocarbons at the subject site by Owen Consultants and CEW indicate impact to soil and groundwater. Soil contamination appears to have been defined at the subject site and appeared

limited to the capillary fringe, with the exception of the vadose zone defined and reported previously around SB-2. This is substantiated by test results of soil samples obtained during the drilling phase of this characterization.

MAY NEED ADDITIONAL SOIL DELIV. ESPECIALLY SHALLOW AROUND SB-2.

NOT CLEARLY SUPPORTED

The extent of dissolved phase hydrocarbon in the groundwater appears to be largely defined. Water samples from monitoring wells MW-11 and MW-8 indicate 1.1 mg/l and 56 mg/l TFH. Noted concentrations on Figure 4 define an elongated plume of dissolved phase hydrocarbon contamination. It is our opinion that this interpretation of the contaminant plume is probable considering the low hydraulic gradient and the potential for tidal influences.

At the request of HMMMD, water samples from monitoring wells OMW-4, MW-5, MW-7 and MW-8 were analyzed for volatile organics, as well as halogenated volatile organics. Both test methods indicated varying levels of tetrachloroethene (PCE) and 1,2-dichloroethane (DCE) in three of the wells. MW-5 showed non-detectable levels of these two compounds. 1,2-dichloroethane has been known to be used as a scavenging agent to reduce organic lead in gasoline. This may explain the elevated level noted in MW-7 which appears to be the monitoring well with the highest total fuel hydrocarbon concentration. The source of the PCE levels noted is unknown at this time. The existing waste oil tank, which is near OMW-4, has only been in existence for approximately 2-1/2 years. The station manager reported that no solvents have been disposed of into this tank during its existence. The previous location of the waste oil tank was in the vicinity of MW-5 which shows less than 1 µg/l PCE. An off-site source of this solvent cannot be ruled out.

ALSO BREAK DOWN PCE

Additional compounds with detectable levels include chloroform, bromoform, bromodichloromethane, and dichloromethane. Conversations with personnel at Analytical Technologies Incorporated indicate these compounds can be associated with processed water, ie. city water. Processed water may have been introduced during several different times ranging from decontamination and drilling procedures to sampling.

Additional analysis performed on selected water samples included total dissolved solids and general minerals. Test results of these water samples indicate several parameters which are higher than national secondary drinking water regulations. These include total dissolved solids, chloride, manganese, and sulfate. The standards for these parameters and the test results obtained for water samples from MW-8 and MW-13 are listed below.

	Secondary Drinking Water Regulations	MW-8	MW-13
TDS	500 mg/l	4190	3080
Chloride	250 mg/l	2760	1210
Manganese	0.05 mg/l	2.1	0.10
Sulfate	250 mg/l	381	401

This appears to verify RWQCB's statement that the "water quality does not meet criteria for municipal, agricultural irrigation, or livestock watering." These test results should be considered in future evaluations regarding clean up levels of the site (for example: beneficial versus non beneficial).

Typically, within areas designated as beneficial groundwater use, clean-up levels for soil have been 100 mg/kg. In areas designated non beneficial groundwater use, levels for soil clean-up have been 1000 mg/kg. Groundwater clean-up levels in areas of beneficial use are essentially tied to drinking water standards. In non beneficial use areas, each case is handled on a site by site basis.

8.0 DISCLAIMER

This report has been prepared for the exclusive use of Mobil Oil Corporation as it pertains to the property located at 681 Highway 75, Imperial Beach, California. Our services have been performed in accordance with applicable county ordinances and generally accepted practices in the geosciences. No other warranty, either express or implied, is made.

Converse Environmental West is not responsible or liable for any claims or damages associated with interpretation of available information. This report should not be regarded as a guarantee that no further contamination, beyond that which was detected in our investigation, is present beneath the property. In the event that changes in the nature of the property occur or additional relevant information about the property is brought to our attention, the conclusions and recommendations contained in this report may not be valid unless these changes and additional relevant information are reviewed and the conclusions of this report are modified or verified in writing.

We appreciate this opportunity to continue providing services to Mobil Oil Corporation. Please call if you have any questions or need additional information.

Respectfully submitted,
CONVERSE ENVIRONMENTAL WEST



Douglas D. Harvey
Geologist



Rod Reeve
Senior Geologist



Jon C. Bruton
Principal Engineer

NEED R.G. # & EXP. DATE

TABLES

TABLE 1

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

BORING No.	SAMPLE DEPTH (ft.)	EPA METHOD 8015M ¹	EPA METHOD 8020			TOTAL XYLENES ³
		TOTAL PETROLEUM HYDROCARBONS	BENZENE ²	TOLUENE ²	ETHYL BENZENE ²	
BH-9	23	130	0.51	2.7	2.0	6.2
BH-10	21	ND	ND	ND	ND	ND
	21.5	ND	ND	ND	ND	ND
	Soil cutting from auger flights	1,000	5.1	41	24	100
MW-11	20	ND	ND	ND	ND	ND
	23	ND	ND	ND	ND	ND
BH-12	22.5	ND	ND	ND	ND	ND
	23.5	12,000	170	410	280	1400
MW-13	23	ND	ND	ND	ND	ND
	24	ND	ND	ND	ND	ND
MW-14	19	ND	ND	ND	ND	ND
	20	ND	ND	ND	ND	ND
MW-15	20	ND	ND	ND	ND	ND
	21	ND	ND	ND	ND	ND
MW-16	23	ND	ND	ND	ND	ND
	24	ND	ND	ND	ND	ND

ND = Not Detected

1 = Detection limit <5.0 mg/kg

2 = Detection limit <0.025 mg/kg

3 = Detection limit <0.050 mg/kg

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TABLE 2

GROUNDWATER MONITORING INFORMATION

WELL No.	TOP OF CASING ELEVATION	DATE MONITORED	DEPTH TO WATER	WATER TABLE ELEVATION	DEPTH TO PRODUCT	PRODUCT THICKNESS
OMW-1	24.68	1/7/91	22.02	2.66	---	---
OMW-2	24.83	1/7/91	22.19	2.64	---	---
OMW-3	24.16	1/7/91	21.45	2.71	---	---
OMW-4	24.10	1/7/91	21.42	2.68	---	---
MW-5	24.73	1/7/91	22.02	2.71	---	---
MW-6	24.79	1/7/91	21.59	3.20	---	---
MW-7	25.53	1/7/91	22.84	2.69	---	---
MW-8	25.35	1/7/91	22.69	2.66	---	---
MW-11	23.41	1/7/91	20.74	2.67	---	---
MW-13	23.47	1/7/91	20.75	2.72	---	---
MW-14	22.65	1/7/91	20.23	2.42	---	---
MW-15	22.63	1/7/91	19.94	2.69	---	---
MW-16	26.06	1/7/91	23.32	2.74	---	---

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TABLE 3

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

(µg/l)

WELL No.	DATE SAMPLED	EPA METHOD 8015M	EPA METHOD 8020			TOTAL XYLENES
		TOTAL PETROLEUM HYDROCARBONS	BENZENE	TOLUENE	ETHYL BENZENE	
OMW-1	3/19/90	10,000	2,600	75	1,000	54
	1/7/91	600	95	0.98	32	7.2
OMW-2	3/28/90	46,000	<62.5*	8,900	1,800	5,500
OMW-3	3/19/90	11,000	160	350	850	680
	1/7/91	17,000	.240	140	690	1900
OMW-4	3/19/90	150	ND	1.3	5.6	8.4
	12/21/90	260	0.88	1.3	14	9.6
MW-5	3/28/90	3,200	26	19	51	170
	12/21/90	1,300	24	<1.0	37	4.5
MW-6	3/28/90	29,000	<100*	860	1,200	7,200
	1/7/91	23,000	100	150	580	4900
MW-7	3/28/90	42,000	990	6,200	1,800	8,500
	12/21/90	40,000	4,000	7,400	1,500	5,100
MW-8	3/28/90	ND	ND	ND	ND	ND
	12/21/90	56	2.5	2.1	ND	ND

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TABLE 3 (cont.)

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

($\mu\text{g/l}$)

WELL No.	DATE SAMPLED	EPA METHOD 8015M		EPA METHOD 8020		TOTAL XYLENES
		TOTAL PETROLEUM HYDROCARBONS	BENZENE	TOLUENE	ETHYL BENZENE	
MW-11	12/19/90	1100	150	3.4	61	9.9
MW-13	12/20/90	ND	ND	ND	ND	ND
MW-14	12/19/90	ND	ND	ND	ND	ND
MW-15	12/19/90	ND	ND	ND	ND	ND
MW-16	12/20/90	ND	ND	ND	ND	ND

* Due to dilution, confidence is reduced to noted detection levels presented in laboratory report in Appendix C.

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TABLE 4

TOTAL DISSOLVED SOLIDS IN GROUNDWATER SAMPLES

December 19 - 21, 1990

(mg/l)

SAMPLE No.	<u>EPA METHOD 160.1</u> TOTAL DISSOLVED SOLIDS
OMW-4	4790
MW-5	4580
MW-7	4080
MW-8	4190
MW-11	5490
MW-13	3080
MW-14	4890
MW-15	4440
MW-16	882

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TABLE 5

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

December 19 - 21, 1990

($\mu\text{g/l}$)

HALOGENATED VOLATILE ORGANICS EPA METHOD 8010	OMW-4	MW-5	MW-7	MW-8	MW-11
BROMODICHLOROMETHANE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
BROMOFORM	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
BROMOMETHANE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
CARBON TETRACHLORIDE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
CHLOROBENZENE	< 2.50	< 0.50	< 25.0	< 0.50	< 1.00
CHLOROETHANE	< 1.00	< 0.30	< 10.0	< 0.20	< 0.40
CHLOROFORM	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
CHLOROMETHANE	< 1.00	< 0.30	< 10.0	< 0.20	< 0.40
DIBROMOCHLOROMETHANE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
1,2-DICHLOROBENZENE	< 2.50	< 0.50	< 25.0	< 0.50	< 1.00
1,3-DICHLOROBENZENE	< 2.50	< 0.50	< 25.0	< 0.50	< 1.00
1,4-DICHLOROBENZENE	< 2.50	< 0.50	< 25.0	< 0.50	< 1.00
DICHLORODIFLUOROMETHANE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
1,1-DICHLOROETHANE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
1,2-DICHLOROETHANE	< 1.00	0.85	120	11	16
1,1-DICHLOROETHENE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
CIS-1,2-DICHLOROETHANE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
TRANS-1,2-DICHLOROETHENE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
1,2-DICHLOROPROPANE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
CIS-1,3-DICHLOROPROPENE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
TRANS-1,3-DICHLOROPROPENE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
METHYLENE CHLORIDE	< 10.00	< 2.0	< 100.0	< 2.0	< 4.0
1,1,2,2-TETRACHLOROETHANE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
TETRACHLOROETHENE	18	0.59	< 10.0	4.6	< 0.40
1,1,1-TRICHLOROETHANE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
1,1,2-TRICHLOROETHANE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40
TRICHLOROETHENE	3.5	0.37	< 10.0	1.1	< 0.40
TRICHLOROFLUOROMETHANE	< 10.0	< 2.0	< 100.0	< 2.0	< 4.0
VINYL CHLORIDE	< 1.00	< 0.20	< 10.0	< 0.20	< 0.40

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TABLE 5 (cont.)

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

December 19 - 21, 1990

(µg/l)

HALOGENATED VOLATILE ORGANICS EPA METHOD 8010	MW-13	MW-14	MW-15	MW-16
BROMODICHLOROMETHANE	1.3	0.58	0.65	1.9
BROMOFORM	1.1	0.73	<0.20	1.6
BROMOMETHANE	<0.20	<0.20	<0.20	<0.20
CARBON TETRACHLORIDE	<0.20	<0.20	<0.20	<0.20
CHLOROBENZENE	0.52	<0.50	<0.50	<0.50
CHLOROETHANE	<0.20	<0.20	<0.20	<0.20
CHLOROFORM	4.4	0.51	0.42	1.0
CHLOROMETHANE	<0.20	<0.20	<0.20	<0.20
DIBROMOCHLOROMETHANE	2.8	1.5	1.8	2.8
1,2-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50
1,3-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50
1,4-DICHLOROBENZENE	<0.50	<0.50	<0.50	<0.50
DICHLORODIFLUOROMETHANE	<0.20	<0.20	<0.20	<0.20
1,1-DICHLOROETHANE	<0.20	<0.20	<0.20	<0.20
1,2-DICHLOROETHANE	<0.20	1.8	0.51	<0.20
1,1-DICHLOROETHENE	<0.20	<0.20	<0.20	<0.20
CIS-1,2-DICHLOROETHANE	<0.20	<0.20	<0.20	<0.20
TRANS-1,2-DICHLOROETHENE	<0.20	<0.20	<0.20	<0.20
1,2-DICHLOROPROPANE	<0.20	<0.20	<0.20	<0.20
CIS-1,3-DICHLOROPROPENE	<0.20	<0.20	<0.20	<0.20
TRANS-1,3-DICHLOROPROPENE	<0.20	<0.20	<0.20	<0.20
METHYLENE CHLORIDE	<2.00	<2.0	<2.0	<2.0
1,1,2,2-TETRACHLOROETHANE	<0.20	<0.20	<0.20	<0.20
TETRACHLOROETHENE	<0.20	11	<0.20	<0.20
1,1,1-TRICHLOROETHANE	<0.20	<0.20	<0.20	<0.20
1,1,2-TRICHLOROETHANE	<0.20	<0.20	<0.20	<0.20
TRICHLOROETHENE	<0.20	0.53	<0.20	<0.20
TRICHLOROFLUOROMETHANE	<2.0	<2.0	<2.0	<2.0
VINYL CHLORIDE	<0.20	<0.20	<0.20	<0.20

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TABLE 6

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES
VOLATILE ORGANICS

December 19 - 21, 1990

($\mu\text{g/l}$)

HALOGENATED VOLATILE ORGANICS EPA METHOD 8240	OMW-4	MW-5	MW-7*	MW-8	MW-14
CHLOROMETHANE	<10.0	<10.0	<500.0	<10.0	<10.0
BROMOMETHANE	<10.0	<10.0	<500.0	<10.0	<10.0
VINYL CHLORIDE	<1.0	<1.0	<50.0	<1.0	<1.0
CHLOROETHANE	<1.0	<1.0	<50.0	<1.0	<1.0
METHYLENE CHLORIDE	<5.0	<5.0	<250.0	<5.0	<5.0
ACETONE	<20.0	<20.0	<1000.0	<20.0	<20.0
CARBON DISULFIDE	<1.0	<1.0	<50.0	<1.0	<1.0
1,1-DICHLOROETHENE	<1.0	<1.0	<50.0	<1.0	<1.0
1,1-DICHLOROETHANE	<1.0	<1.0	<50.0	<1.0	<1.0
1,2-DICHLOROETHENE (TOTAL)	<1.0	<1.0	<50.0	<1.0	<1.0
CHLOROFORM	<1.0	<1.0	<50.0	<1.0	<1.0
1,4-DICHLOROETHANE	<1.0	<1.0	<150.0	12	2.0
2-BUTANONE (MEK)	<20.0	<20.0	<1000.0	<20.0	<20.0
1,1,1-TRICHLOROETHANE	<1.0	<1.0	<50.0	<1.0	<1.0
CARBON TETRACHLORIDE	<1.0	<1.0	<50.0	<1.0	<1.0
VINYL ACETATE	<10.0	<10.0	<500.0	<10.0	<10.0
BROMODICHLOROMETHANE	<1.0	1.0	<50.0	<1.0	<1.0
1,1,2,2-TETRACHLOROETHANE	<1.0	<1.0	<50.0	<1.0	<1.0
1,2-DICHLOROPROPANE	<1.0	<1.0	<50.0	<1.0	<1.0
CIS-1,3-DICHLOROPROPENE	<1.0	<1.0	<50.0	<1.0	<1.0
TRICHLOROETHENE	5.0	<1.0	<50.0	<1.0	<1.0
DIBROMOCHLOROMETHANE	<1.0	<1.0	<50.0	<1.0	<1.0
1,1,2 TRICHLOROETHANE	<1.0	<1.0	<50.0	<1.0	<1.0
BENZENE	<1.0	21	3200	1.0	<1.0
TRANS-1,3-DICHLOROPROPENE	<1.0	<1.0	<50.0	<1.0	<1.0
BROMOFORM	<5.0	<5.0	<250.0	<5.0	<5.0
2-HEXANONE (MBK)	<10.0	<10.0	<500.0	<10.0	<10.0
4-METHYL-2-PENTANONE (MIBK)	<10.0	<10.0	<500.0	<10.0	<10.0

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TABLE 6 (cont.)

HALOGENATED VOLATILE ORGANICS EPA METHOD 8240	OMW-4	MW-5	MW-7*	MW-8	MW-14
TETRACHLOROETHENE	28	<1.0	<50.0	<5.0	15.0
TOLUENE	<2.0	<2.0	6800	<2.0	<2.0
CHLOROBENZENE	<1.0	<1.0	<50.0	<1.0	<1.0
ETHYL BENZENE	18	37	1600	<1.0	<1.0
STYRENE	<1.0	<1.0	<50.0	<1.0	<1.0
TOTAL XYLENES	10	<1.0	5200	<1.0	<1.0

* Due to dilution, confidence is reduced to detection levels shown in Appendix C.

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TABLE 7

GENERAL MINERALS IN GROUNDWATER SAMPLES

December 19 - 21, 1990

GENERAL MINERALS	UNITS	MW-13	MW-8
CARBONATE AS CaCO_3	mg/l	<5.0	<5.0
BICARBONATE AS CaCO_3	mg/l	463	463
HYDROXIDE AS CaCO_3	mg/l	<5.0	<5.0
TOTAL ALKALINITY AS CaCO_3	mg/l	463	463
CATION/ANION BALANCE	ratio	0.92	0.93
CHLORIDE	mg/l	1210	2760
• CONDUCTIVITY	$\mu\text{mhos/cm}$	5080	9400
FLUORIDE	mg/l	<0.5	<0.5
SURFACTANTS	mg/l	<0.1	<0.1
NITRATE-NITRITE	mg/l	5.8	1.3
pH	units	7.2	7.26
SULFATE	mg/l	401	381
CALCIUM	mg/l	205	339
COPPER	mg/l	<0.02	<0.02
IRON	mg/l	<0.01	<0.01
HARDNESS	mg/l	944	1750
POTASSIUM	mg/l	23.4	15.1
MAGNESIUM	mg/l	105	219
MANGANESE	mg/l	0.10	2.1
SODIUM	mg/l	657	1230
ORGANIC LEAD	mg/l	<0.03	<0.03
ZINC	mg/l	<0.01	<0.01

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TABLE 8

ORGANIC LEAD IN GROUNDWATER

December 19 - 21, 1990

(mg/l)

WELL No.	ORGANIC Pb EPA Method 6010
MW-7	<0.03
MW-8	<0.03
MW-11	<0.03
MW-13	<0.03
MW-14	<0.03
MW-15	<0.03
MW-16	<0.03

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REFERENCES

REFERENCES

1. "Monitoring and Sampling in the Unsaturated Zone," Wilson, L.G., National Water Well Association, Dublin, Ohio, 1985.
2. "Comprehensive Water Quality Control Plan for the San Diego Basin 1979 Abstract," by the State Water Resources Control Board and the California Water Quality Control Board, San Diego Region, July 1975.
3. "Preliminary Environmental Site Assessment Mobil Service Station #18-FPL, 681 Highway 75, Imperial Beach, CA," by Owen Consultants. Revised and reissued October 27, 1989 from April 13, 1989.
4. "Imperial Beach Quadrangle, California - Baja California Norte, 7.5 Minute Series (Topographic)," by the United States Department of the Interior, Geological Survey, dated 1967 (photo revised 1975).
5. "Geology of the San Diego Metropolitan Area, California, Bulletin 200," California Division of Mines and Geology, Sacramento, California, 1975.
6. "California Department of Water Resources, Bulletin No. 106-2," San Diego, California, 1966.
7. Personal Communication with Mr. Jim Munch, California Regional Water Quality Control, San Diego Region (9).
8. "Soil Gas Survey, Mobil Service Station #18-FPL, Imperial Beach, California," by Target Environmental Services, March 1989.
9. "Domestic Water Quality And Monitoring," State of California Title 22, Chapter 15.
10. "Report on Expanded Soil and Groundwater Characterization, Mobil Service Station #18-FPL, 681 Highway 75," by Converse Environmental West, April 13, 1990.

90-82-156-01

FIGURES

MW-15

MW-16

BH-10

MW-11

HIGHWAY 75

LANDSCAPED AREA

BH-9

BH-12

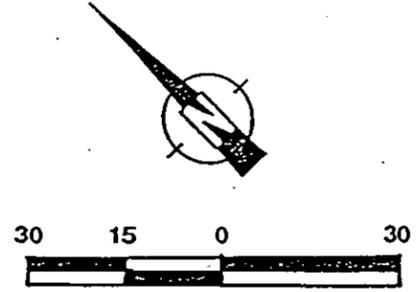
BM

SEVENTH

AVENUE

MW-7

SB-4



SCALE IN FEET
Contour Interval = 0.01 feet

LEGEND:

- ⊙ OMW-1 Approximate Location of Monitoring Well (Owens)
- ⊕ MW-15 Approximate Location of Monitoring Well (CEW)
- SB-5
OR
▲ BH-9 Approximate Location of Boring
- ◆ BM Approximate Location of City of Imperial Beach Datum Benchmark #50
- Approximate Property Line

MW-8

OMW-1

SB-5

OMW-2

SB-3

SB-2

MW-6

OMW-3

ALLEY

EXISTING BUILDING

MW-5

SB-1

PALM

STREET

MW-14

OMW-4

MW-13

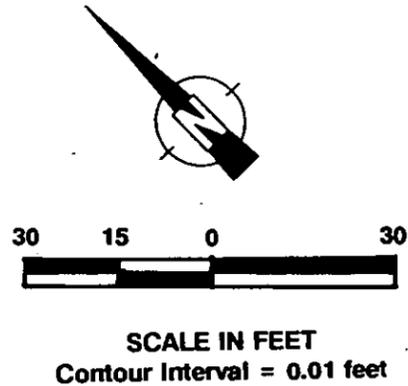
SITE PLAN

MOBIL OIL CORPORATION
Service Station #18-FPL
Imperial Beach, CA

Scale	AS SHOWN	Project No.	90-82-156-01
Date	1-9-91	Figure No.	2
Prepared By	DR	Checked By	DDH
Approved By	RNR		



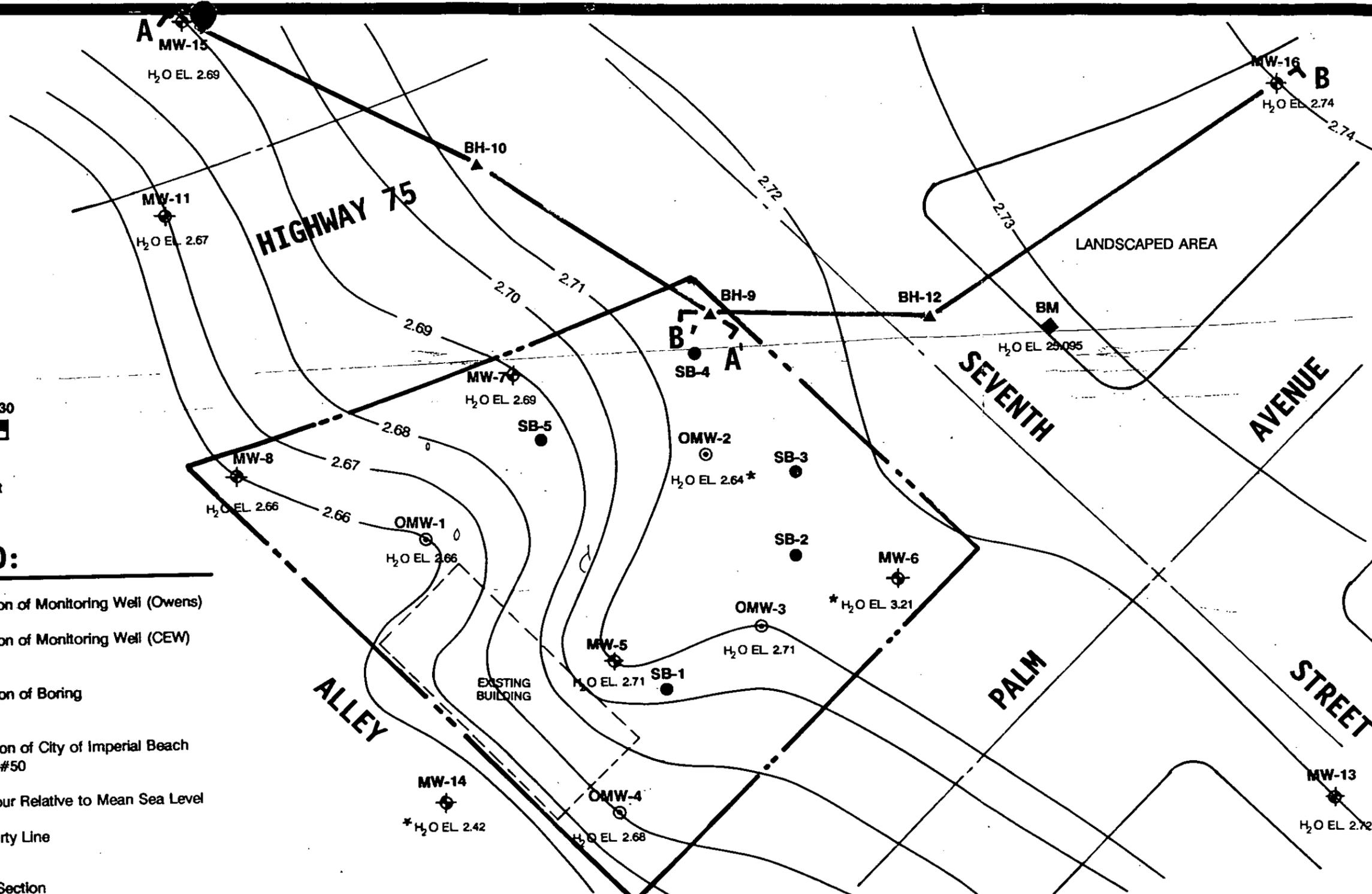
Converse Environmental West



LEGEND:

- ⊙ OMW-1 Approximate Location of Monitoring Well (Owens)
- ⊕ MW-15 Approximate Location of Monitoring Well (CEW)
- SB-5
OR
▲ BH-9 Approximate Location of Boring
- ◆ BM Approximate Location of City of Imperial Beach Datum Benchmark #50
- 2.66— Groundwater Contour Relative to Mean Sea Level
- - - - - Approximate Property Line
- A - A' Location of Cross Section

* NOTE: Incongruous water table reading. Data not utilized in water gradient map. CEW continues to monitor well to determine validity of data.



ESTIMATED GROUNDWATER GRADIENT MAP

MOBIL OIL CORPORATION
Service Station #18-FPL
Imperial Beach, CA

Scale	AS SHOWN	Project No.	90-82-156-01
Date	1-9-91	Figure No.	3
Prepared By	DR		
Checked By	DDH		
Approved By	RNR		



MW-15
ND

MW-16
ND

HIGHWAY 75

LANDSCAPED AREA

SEVENTH

AVENUE

PALM

STREET

ALLEY

BH-10

BH-12

BM

MW-11
1100 µg/l

MW-7
40,000 µg/l

BH-9

SB-4

SB-5

OMW-2

SB-3

MW-8
56 µg/l

OMW-1
600 µg/l

20,000

SB-2

MW-6
23,000 µg/l

10,000

OMW-3
1,700 µg/l

MW-5
1,300 µg/l

SB-1

MW-14
ND

OMW-4
260 µg/l

MW-13
ND

EXISTING BUILDING



SCALE IN FEET

LEGEND:

- ⊙ OMW-1 Approximate Location of Monitoring Well (Owens)
- ⊕ MW-15 Approximate Location of Monitoring Well (CEW)
- SB-5 OR Approximate Location of Boring
- ▲ BH-9
- ◆ BM Approximate Location of City of Imperial Beach Datum Benchmark #50
- 10,000- Estimated Concentration of Total Fuel Hydrocarbons in Water (µg/l)
- ND TFH "Not Detected" in Water
- - - - - Approximate Property Line

ESTIMATED EXTENT OF TFH CONCENTRATION IN GROUNDWATER

MOBIL OIL CORPORATION
Service Station #18-FPL
Imperial Beach, CA

Scale	AS SHOWN	Project No.	90-82-156-01
Date	1-9-91	Figure No.	4
Prepared By	DR	Checked By	DDH
Approved By	RNR		



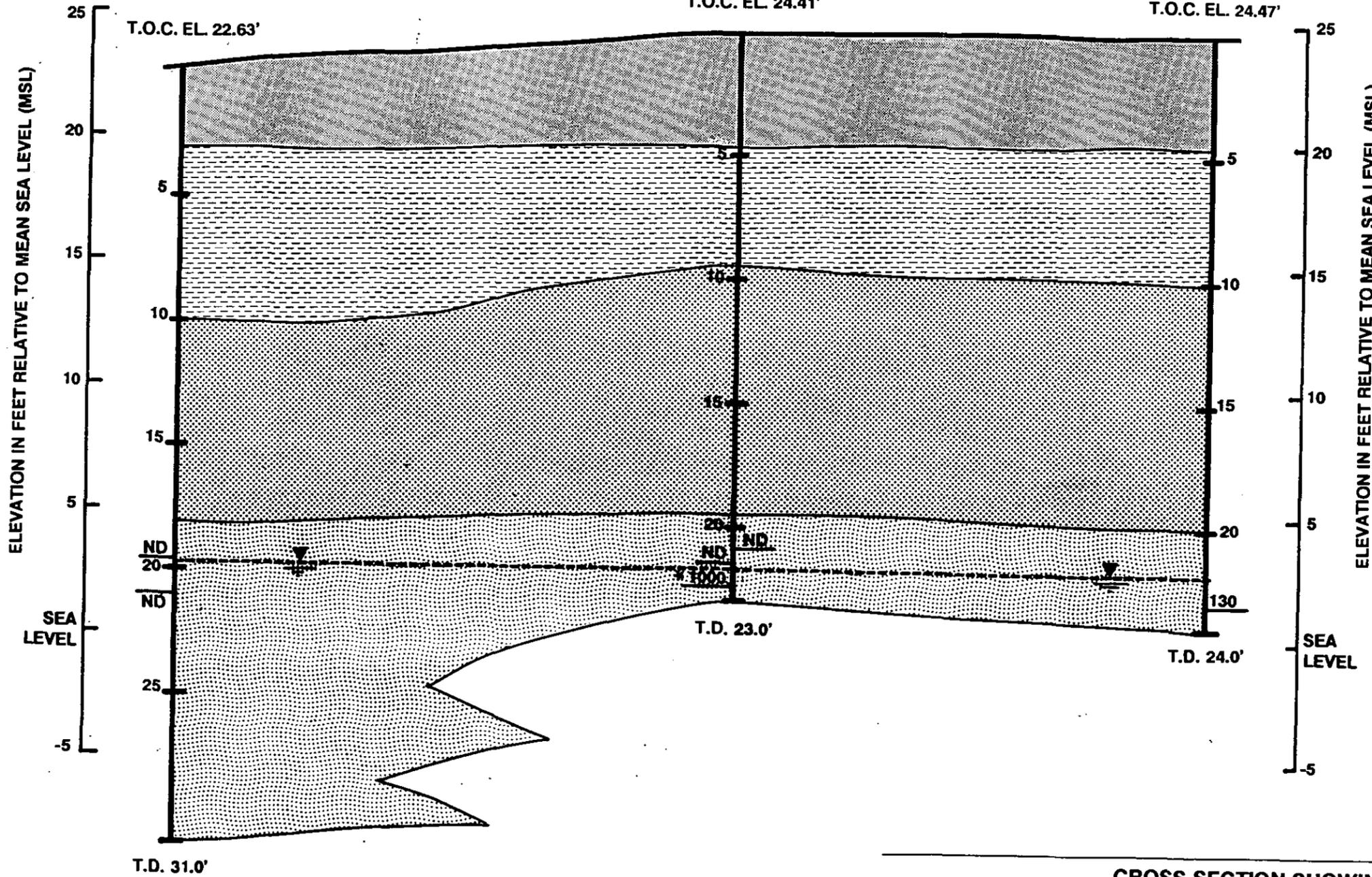
NORTH
A
MW-15

SOUTH
A'
BH-9

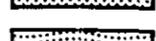
BH-10
T.O.C. EL. 24.41'

T.O.C. EL. 24.47'

T.O.C. EL. 22.63'



LEGEND:

-  Silty Clay
-  Silt
-  Silty Fine Grain Sand/Fine Sand
-  Fine-Medium Grain Sand/Medium Grain Sand
-  Estimated Water Table Elevation
- T.O.C. El. 22.63' Top of Casing Elevation
- 1000 TFH In Soil (mg/kg)
- ND Not Detected
- * Estimated depth of TFH concentration in soil sample obtained from auger flights during drilling.
- Horizontal Scale: 1" = 20'
- Vertical Scale: 1" = 50'

NOTE: This profile was developed using data obtained at the exploration locations. The indicated subsurface conditions are based on our interpretation of conditions between and beyond actual exploration locations. There may be variations between actual conditions encountered and those indicated on this profile.

CROSS SECTION SHOWING ESTIMATED LITHOLOGY (A - A')

MOBIL OIL CORPORATION
Service Station #18-FPL
Imperial Beach, CA

Scale	AS SHOWN	Project No.	90-82-156-01
Date	1-10-91	Figure No.	5
Prepared By	DR		
Checked By	DDH		
Approved By	RNR		

 **Converse Environmental West**

WEST
B'

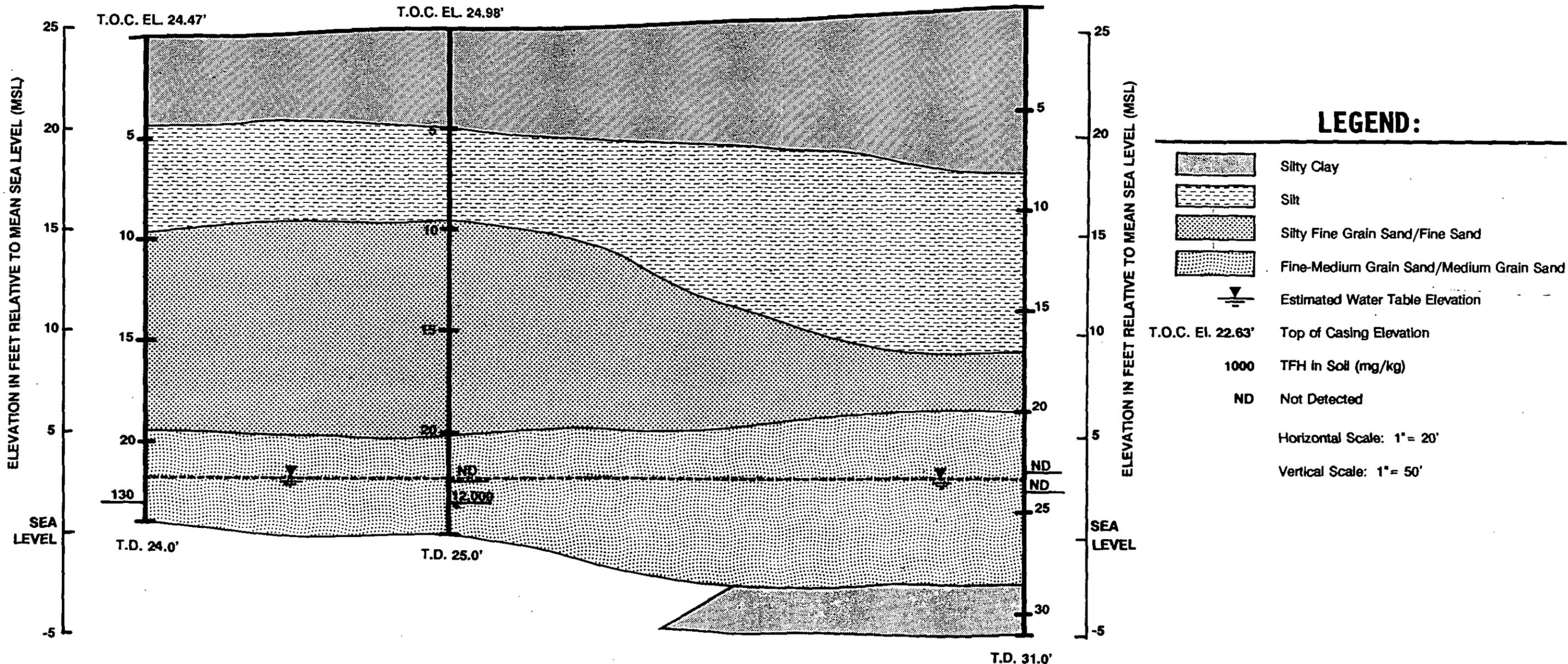
BH-9

BH-12

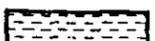
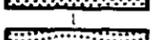
EAST
B

MW-16

T.O.C. EL. 26.06'



LEGEND:

-  Silty Clay
-  Silt
-  Silty Fine Grain Sand/Fine Sand
-  Fine-Medium Grain Sand/Medium Grain Sand
-  Estimated Water Table Elevation
-  T.O.C. El. 22.63' Top of Casing Elevation
-  1000 TFH in Soil (mg/kg)
-  ND Not Detected
- Horizontal Scale: 1" = 20'
- Vertical Scale: 1" = 50'

NOTE: This profile was developed using data obtained at the exploration locations. The indicated subsurface conditions are based on our interpretation of conditions between and beyond actual exploration locations. There may be variations between actual conditions encountered and those indicated on this profile.

CROSS SECTION SHOWING ESTIMATED LITHOLOGY (B - B')

MOBIL OIL CORPORATION
Service Station #18-FPL
Imperial Beach, CA

Scale	AS SHOWN	Project No.
Date	1-10-91	90-82-156-01
Prepared By	DR	Figure No.
Checked By	DDH	6
Approved By	RNR	



RÉSUMÉS

LUKE MONTAGUE, PG

Education

MS – Environmental Science and Management, University of California Santa Barbara, 2004

BS – Geology, University of California Santa Barbara, 1998

Licenses

Professional Geologist, California (Lic. 8071)

General Building Contractor, B Classification, California (Lic. 981618)

Certifications

Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) 40-Hour Training

Real Estate Entitlement, Development, and Design, University of San Diego, 2010

Real Estate Finance, Investments, and Development, University of San Diego, 2010

Professional Experience

Luke Montague is a professional geologist (PG) and licensed contractor with 13 years of experience in environmental consulting, general contracting, commercial and residential development, and property and asset management. He has performed and reviewed over five hundred Phase I environmental site assessments, and has completed subsurface investigations, geotechnical investigations, removal action work plans, site remediation activities, asbestos and lead-based paint surveys, and asbestos air monitoring. His development, general contracting, and property and asset management experience includes managing construction through lease-up; lease administration and property operations and maintenance; contract procurement and administration; oversight of subcontractors and staff; and interfacing with clients, owners, tenants, and regulatory agencies.

Project Experience

San Diego County Water Authority (SDCWA), Environmental Consulting Services, San Diego, CA. As Project Manager, completed several environmental site assessments and subsurface assessments to assist the SDCWA obtain easements required to complete the Carlsbad Desalination Project.

City of Encinitas, Site Investigation and Planning, Encinitas Community Park, Encinitas, CA. As Project Geologist, provided oversight for the mitigation and monitoring activities of pesticides in soil from the Hall Property, which consists of 43-acres of coastal bluff formerly used as a nursery, currently being redeveloped into a community park. Under the oversight of

the County of San Diego Department of Environmental Health, work consisted of: Phase II environmental site assessments, preparation and implementation of a Soil Management Plan for on-site reuse of pesticide-impacted soil in a Soil Management Zone, procedures and plans for the excavation and reuse of pesticide impacted soil, preparation of a Community Health and Safety Plan to monitor and suppress dust generated during excavation activities, and a Property Closure Report.

Los Angeles Unified School District, Assessment and Remediation, Various Locations in Los Angeles County, CA. Managed and performed the environmental characterization and clean-up of various proposed school redevelopment projects overseen by the California Department of Toxic Substances Control (DTSC) that required Phase I environmental site assessments, preliminary environmental assessments or subsurface investigations, and preparation and implementation of removal action work plans to obtain “no further action” status prior to redevelopment.

City Heights Revitalization Corporation, Brownfields Assessment and Remediation, City Heights, CA. Managed a subsurface investigation for an entire brownfield city block planned for redevelopment. The investigation included extensive drilling, trenching, and hand auguring to estimate the volume of lead- and hydrocarbon-impacted soil from residual contamination from a former service station and from lead-based paint. Work also included negotiation of clean up levels with the local regulatory agency.

Casmalia Steering Committee, Remedial Investigation, Casmalia, CA. Managed and performed soil vapor sampling at the Casmalia Hazardous Waste Management Facility, a Class I hazardous waste site, for a remedial investigation and feasibility study of soil gas impacts submitted to the Environmental Protection Agency (EPA). Soil gas impacts to ecological receptors were assessed considering specific regulatory guidance including the joint DTSC and Los Angeles Regional Water Quality Control Board (LAWQCB) Advisory on Active Soil Gas Investigations.

The Boeing Company, Underground Storage Tanks Assessment, Long Beach, CA. Performed subsurface vapor intrusion to indoor air analysis at a former aeronautics manufacturing facility. Soil, soil vapor, and sub-slab soil vapor assessments were conducted to determine appropriate corrective actions associated with former solvent underground storage tanks (USTs). Work was performed under the corrective action consent agreement with the DTSC.

Trihydro Corporation, Soil Vapor Sampling, Hooven, OH. Performed soil vapor sampling from indoor air probes and outdoor multi-level probes at residences in Hooven, Ohio. This project focused on helping evaluate the potential for subsurface vapor intrusion to indoor air from volatilization of petroleum hydrocarbons in groundwater or light, non-aqueous phase liquid petroleum product, originating from an adjacent former fuel and asphalt petroleum refinery. The vapor intrusion pathway was evaluated based on a request by the EPA, Region V, and was performed in accordance with the EPA-issued document: Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soil, 2002.

CSK Auto, Phase I Environmental Site Assessments, Various Sites in the Western US.

Conducted Phase I environmental site assessments (ESAs), subsurface investigations, and geotechnical investigations for the development of auto parts chain stores in the Western US. Work included site investigations, drilling operations, and records research.

AT&T/Gianni & Associates, Phase I ESAs and Geotechnical Investigations, San Diego, CA.

Completed Phase I ESAs, transaction screen assessments, National Environmental Policy Act (NEPA) reports, asbestos surveys, and geotechnical investigations involving the development of wireless communications sites.

Ford Mance Company, Construction and Property Management, Mixed-Use Building at 111 Chesterfield Drive, Encinitas, CA.

Served as project manager during development and construction phases of a 2-story, Type V, 3,874 square foot mixed use building with subterranean parking. Responsibilities included managing all phases of construction, shell and tenant improvements, and assisting in construction supervision activities and lease up. Development activities included oversight and collaboration of architectural, mechanical, electrical, and plumbing plans preparation, assisting with design research and decisions, obtaining various permits, and preparing cost and budgets. After construction, Mr. Montague also served as the property and asset manager.

Ford Mance Company, Construction and Property Management, Del Norte Medical Plaza, Carlsbad, CA.

Served as project manager during development and construction of a 2-story, Type II, medical building with subterranean parking. Responsibilities included contracting out all phases of shell construction of 22,000 square feet of rentable area for medical use, collaborative oversight concerning architectural, mechanical, electrical, and plumbing plans preparation, assisting with design research and decision-making, obtaining various permits, and preparing costs and budgets. After construction, Mr. Montague also served as property and asset manager.

California Department of Fish and Game, Carpinteria Creek Watershed Plan, Carpinteria, CA.

Collaborated local and state government representatives, and various stakeholders to aid in preparing the Carpinteria Creek Watershed Plan under the Cachuma Resource Conservation District for the California Department of Fish and Game. Work consisted of research, meetings, various field assessments, report writing, and map creation. The Plan served as an amendment to the Water Quality Control Plan for the Central Coast Region.

TYLER OVERTON, ASSOCIATE PROFESSIONAL

Education

BA, Environmental Studies/Geography, University of Colorado, 2002

Certification

OSHA 40-Hour EPA-Approved Hazardous Waste Operations and Emergency Response Training

Professional Experience

Tyler Overton is an environmental professional with experience specializing in the application of due diligence in the undertaking and completion of Phase I environmental site assessments. Working with developers, investors, lending institutions, and municipalities; he has completed the following tasks for Phase I environmental site assessments: site reconnaissance, regulatory agency record reviews, historical record reviews, historical land use interpretations, data collection, data evaluation, and site assessment reports. Mr. Overton applies due diligence in assessments and prepares reports that accurately assess a site and meet regulatory agency requirements.

Project Experience

SDG- Left Field/Cisterna Building - Mr. Overton served as a soil technician for the excavation monitoring of lead, diesel, and gasoline contaminated soils which were removed as a part of the new buildings below-ground parking structure. Work was conducted under the oversight of the County of San Diego Department of Environmental Health and consisted of Phase II environmental site assessments, and preparation and implementation of a Property Mitigation Plan.

Carlsbad Desalination Project, Carlsbad, California- Mr. Overton has completed several Phase I and Phase II environmental site assessments for easements for the Carlsbad Desalination Project. Many locations include former agricultural lands where Mr. Overton has performed soil sampling for the presence of pesticides and evaluated waste export criteria based on the concentrations of pesticides found.

Sycamore Landfill – Stage 3B Cell Development - Mr. Overton served as the project manager for the construction of a new waste disposal cell at the Sycamore Landfill. Construction included managing the excavation of soils, grading of the cell, identifying the correct location of the leachate collection system and installation of a composite liner system. The construction of this disposal cell prolonged the life and increased capacity of the landfill by approximately 1 million cubic yards.

RESUMES

HARRY K. BISHOP, PhD, REA, PE
SENIOR PROFESSIONAL ENGINEER

Education

MS, PhD – Chemical Engineering, University of Southern California

BS, Chemical Engineering, University of Oklahoma

MSc, Meteorology, Massachusetts Institute of Technology

Licenses, Certification, and Training

Registered California Professional Engineer (1973, California)

Hazardous Materials Management, University of California San Diego

Certificate in Air Quality Management, University of California San Diego

Certificate in Environmental Auditing, University of California Irvine

Certificate in ANSI-RAB NAP EMS Lead Auditing, SGS International

Professional Experience

Dr. Bishop is an environmental engineer with a wealth of knowledge and experience related to environmental issues such as methane gas at landfills, hazardous waste in the subsurface, and leaking underground storage tanks. His experience includes managing a 35 person, California-certified central laboratory, capable of performing a full range of fuel, environmental, and material analyses. As an environmental engineer, Dr. Bishop combines his knowledge of chemistry, engineering, and the regulatory arena to efficiently process and obtain permits for wastewater and storm water discharges, identify environmental health risks, prepare risk management prevention plans, and complete environmental site assessments.

Project Experience

American Pest Control Post Tank Removal Assessment. An underground storage tank was moved from the site where American Pest Control has their office. The removed underground storage tank had many holes and initial soil sampling results indicated a gasoline and diesel release had occurred. Dr. Bishop prepared and implemented a post tank removal workplan to assess petroleum hydrocarbons in the soil and to remove any impacted soil. Soil was assessed using a track-mounted excavator and stockpiling the soil onsite for characterization, and later reuse or disposal. The assessment included the lateral and vertical extent of the petroleum hydrocarbon-bearing soil. Collected soil samples were analyzed with a mobile laboratory. Depending on analyses results, soil was used for backfill or transported off-site for treatment. The surface was returned to its original level and condition. The post tank removal assessment report indicated it is unlikely that any exposure pathways are present.

ALTA@6th & Market Mixed-Use Redevelopment. While constructing Alta, a 21-story mixed use development in downtown San Diego, Anka Development's contractor discovered unidentified contamination during mass excavation. Approximately 90 percent of the subsurface was impacted by gasoline releases from off-site sources. Dr. Bishop provided litigation support services on behalf of the Anka in their cost recovery efforts.

Big Bear Galleria Subsurface Investigation. Dr. Bishop completed a Phase I environmental site assessment for Big Bear Galleria, LLC who is acquiring 8.35 acres of land in Big Bear, California. After completing the assessment, he identified underground storage tanks and inground hydraulic lifts at the site. Based on the recognized environmental conditions, the shallow depth to groundwater, and the planned acquisition of the Site, Dr. Bishop proceeded with a subsurface investigation. The investigation used borings to assess the concentrations of total petroleum hydrocarbon, volatile organic compounds, and polychlorinated biphenyls in the shallow soil and groundwater. A geophysical survey was conducted to identify geophysical anomalies.

Poway As Needed Environmental Services. The Poway Redevelopment Agency is redeveloping several areas along major transportation corridors. To resolve environmental issues and obtain regulatory agency compliance, Dr. Bishop provides providing environmental consulting services. These services include completing Phase I environmental site assessments and subsurface investigations.

Lemon Grove Environmental Services. To gather information about contamination from current and historical land uses, Dr. Bishop completed environmental site assessments of parcels in Lemon Grove's Redevelopment Area. During the assessments, possible risks to human health and the environment from current and past land uses were discovered. The assessments indicated that several dry cleaners and automotive repair shops have been or are currently located in the area. One significant dry cleaning solvent plume was identified. Planning is underway for appropriate cleanup strategies for impacted properties, including institutional controls.

Pacific Gateway Development. The Pacific Gateway Development effort will redevelop eight blocks into several high-rise buildings, a museum, offices, and hotels. The project will include extensive underground parking. Dr. Bishop conducted historical research to prepare the area for redevelopment. Materials reviewed included historical maps, directories, aerial photographs, previous reports, past newspaper accounts, and other written histories going back to the beginning of the 20th century. The research discovered the site originally consisted of bay flat, tidal flats, and marshes around the margins of San Diego Bay. Around 1914 the site was reclaimed by hydraulically placed fill dredged from San Diego Bay. Historical land uses included uncontrolled dumping at a "garbage wharf," fuel storage and hauling company, gas stations, coal bunkers and associated rail operations, and 11 underground storage tanks were removed or abandoned in place. There was evidence a manufactured gas plant may have been on the site.

FF Development 5201 Ruffin Road Regulatory Database Review. FF Development is proposing to redevelop 19.38 acres along Ruffin Road in San Diego, California for residential use. To assess the potential impacts from offsite sources of toxic or hazardous air contaminants and toxic or hazardous substances at commercial and industrial facilities within a quarter mile of

the site, Dr. Bishop completed a regulatory agency records review. The review identified several facilities within a quarter mile of the site do handle or have handled hazardous materials. Based on Dr. Bishop's research, the depth to groundwater in the vicinity of the site, location of the facilities with respect to the interpreted groundwater flow direction, and his experience, Dr. Bishop indicated there is a low likelihood that a recognized environmental condition exists.

Los Vientos Redevelopment Environmental Site Assessments. Dr. Bishop completed Phase I and II environmental site assessments for this taxed credit, multi-tenant, low-income housing redevelopment project. The Phase II environmental site assessment used a soil vapor survey, geophysical survey, and soil sampling to determine the presence and concentrations of environmental contaminants. An asbestos and lead-based paint survey was completed that included bulk sampling of suspect asbestos-containing materials and lead-based paints. Findings were presented in a report with figures and tables depicting sampling and material locations, abatement cost estimates, and technical specifications for removal.

Port of San Diego Environmental Services. The Port of San Diego routinely determines environmental conditions for properties within their jurisdiction. Several areas of the Port of San Diego are environmentally impaired from industrial and commercial uses. Dr. Bishop assisted the Port of San Diego with determining environmental issues at these sites and developing approaches for remediation. Services provided by Dr. Bishop included environmental assessments, remediation, permitting, regulatory compliance, hazardous waste management and disposal, and risk assessment.

Due Diligence Environmental Site Assessments. Working with developers, investors, and lending institutions, Dr. Bishop completes Phase I environmental site assessments for property transactions as part of the due diligence process required by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980. Dr. Bishop has completed the following Phase I environmental site assessments:

- 5th Rock LLC- Fifth Avenue Redevelopment Site, San Diego, California
- Spinnaker Waterfront Hotel, LLC-Spinnaker Hotel, San Diego, California
- Sunroad Development-Main Street Development, Chula Vista, California
- AMCAL Multi-Housing, Inc.-555 9th Avenue Residential Redevelopment, Oakland, California
- AMCAL Multi-Housing, Inc.-4th Avenue Residential Redevelopment, El Centro, California
- Cruzan Monroe-Camino Corporate Center, Carlsbad, California
- Community Housing Works – Alabama Street Multi-Family Residential, San Diego, California
- Copley Park Developers, LLC, Copley Park Place Development, San Diego, California
- Global Premier-Monterey Family Apartments, San Jose, California
- La Maestra Community Health Centers-43rd and University Community Health Center, San Diego, California
- Pioneer Centers- Miramar Audi and Volkswagen, San Diego, California

LUKE MONTAGUE, PG

Education

MS – Environmental Science and Management, University of California, Santa Barbara, 2004

BS – Geology, University of California, Santa Barbara, 1998

Professional Licenses

Professional Geologist – California (No. 8071)

General Building Contractor, B Classification – California (No. 981618)

Specialty Certifications

Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) 40-Hour Training

Real Estate Entitlement, Development, and Design, University of San Diego, 2010

Real Estate Finance, Investments, and Development, University of San Diego, 2010

Professional Experience

Mr. Montague is a Professional Geologist (PG) and licensed contractor with 17 years of experience in environmental consulting, general contracting, commercial and residential development, and property and asset management. He has performed and reviewed over 500 Phase I Environmental Site Assessments (ESAs), and has completed Phase II subsurface investigations, Human Health Risk Assessments (HHRAs), Remedial Action Plans (RAPs), site remediation activities, geotechnical investigations, asbestos and lead-based paint (LBP) surveys, and asbestos air monitoring. His development, general contracting, and property and asset management experience includes managing construction through lease-up; lease administration and property operations and maintenance; contract procurement and administration; oversight of subcontractors and staff; and interfacing with clients, owners, tenants, and regulatory agencies.

Mr. Montague's project experience is summarized below.

Brixton Capital, Gasoline Service Station Redevelopment with Retail Buildings, Chula Vista, CA. As Project Manager, Mr. Montague oversaw the assessment, remedial planning, and remediation consisting of oversight, segregation, and on-site burial of residual petroleum hydrocarbon (PHC) impacted soils from a former gasoline service station release property redeveloped with new retail buildings.

RD Brown Company, Leaking Underground Storage Tank (LUST) Case Assessment and Remediation, City of Imperial, CA. As Project Manager, Mr. Montague oversaw several on- and off-site soil, soil vapor, and groundwater assessments, and is currently overseeing ongoing remediation and monitoring of a proposed senior living facility at a former gasoline service station.

San Diego County Water Authority (SDCWA), Environmental Consulting Services, San Diego, CA. As Project Manager, Mr. Montague completed several ESAs and subsurface assessments to assist the SDCWA in obtaining easements required to complete the Carlsbad Desalination Project.

City of Encinitas, Site Investigation and Planning, Encinitas Community Park, Encinitas, CA.

As Project Geologist, Mr. Montague provided oversight for the mitigation and monitoring activities of pesticides in soil from the Hall property, which consists of 43 acres of coastal bluff that was formerly used as a nursery and was redeveloped into a community park. Under the oversight of the County of San Diego Department of Environmental Health (DEH), work consisted of Phase II ESAs, remedial planning and implementation of on-site reuse/burial of 45,000 cubic yards of pesticide-impacted soil in a Soil Management Zone, and creation of a land-use covenant. SCS received an award for this project with the Industrial Environmental Association (IEA).

Los Angeles Unified School District (LAUSD), Assessment and Remediation, Various Locations in Los Angeles County, CA.

Mr. Montague managed and performed the environmental characterization and cleanup of various proposed school redevelopment projects overseen by the California Department of Toxic Substances Control (DTSC) that required Phase I ESAs, preliminary environmental assessments or subsurface investigations, and preparation and implementation of removal action work plans to obtain “no further action” status prior to redevelopment.

City Heights Revitalization Corporation, Brownfields Assessment and Remediation, City Heights, CA.

Mr. Montague managed a subsurface investigation for an entire Brownfields city block planned for redevelopment. The investigation included extensive drilling, trenching, and hand auguring to estimate the volume of lead- and hydrocarbon-impacted soil from residual contamination from a former service station and from lead-based paint. Work also included negotiation of cleanup levels with the local regulatory agency.

Casmalia Steering Committee, Remedial Investigation, Casmalia, CA. Mr. Montague managed and performed soil vapor sampling at the Casmalia Hazardous Waste Management Facility, a Class I hazardous waste site, for a remedial investigation and feasibility study of soil gas impacts submitted to the US Environmental Protection Agency (EPA). Soil gas impacts to ecological receptors were assessed, considering specific regulatory guidance, including the joint DTSC and Los Angeles Regional Water Quality Control Board (LARWQCB) Advisory on Active Soil Gas Investigations.

The Boeing Company, Underground Storage Tank (UST) Assessment, Long Beach, CA. Mr. Montague performed subsurface vapor intrusion to indoor air analysis at a former aeronautics manufacturing facility. Soil, soil vapor, and sub-slab soil vapor extraction (SVE) assessments were conducted to determine appropriate corrective actions associated with former solvent USTs. Work was performed under the corrective action consent agreement with the DTSC.

Trihydro Corporation, Soil Vapor Sampling, Hooven, OH. Mr. Montague performed SVE sampling from indoor air probes and outdoor multi-level probes at residences in Hooven, OH. This project focused on helping to evaluate the potential for subsurface vapor intrusion to indoor air from volatilization of PHCs in groundwater, or light, non-aqueous phase liquid petroleum product originating from an adjacent former fuel and asphalt petroleum refinery. The vapor intrusion pathway was evaluated based on a request by EPA, Region V, and was performed in accordance with the EPA-issued document, *Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soil*, 2002.

CSK Auto, Phase I ESAs, Various Sites in the Western US. Mr. Montague conducted Phase I ESAs, subsurface investigations, and geotechnical investigations for the development of auto parts chain stores in the western US. Work included site investigations, drilling operations, and records research.

AT&T/Gianni & Associates, Phase I ESAs and Geotechnical Investigations, San Diego, CA. Mr. Montague completed Phase I ESAs, transaction screen assessments, National Environmental Policy Act (NEPA) reports, asbestos surveys, and geotechnical investigations involving the development of wireless communications sites.

Ford Mance Company, Construction and Property Management, Mixed-Use Building at 111 Chesterfield Drive, Encinitas, CA. Mr. Montague served as Project Manager during the development and construction phases of a 2-story, Type V, 3,874-square-foot mixed-use building with subterranean parking. Responsibilities included managing all phases of construction and shell and tenant improvements, and assisting in construction supervision activities and lease-up. Development activities included oversight and collaboration of architectural, mechanical, electrical, and plumbing plans preparation, assisting with design research and decisions, obtaining various permits, and preparing cost and budgets. After construction, Mr. Montague also served as the Property and Asset Manager.

Ford Mance Company, Construction and Property Management, Del Norte Medical Plaza, Carlsbad, CA. Mr. Montague served as Project Manager during the development and construction of a 2-story, Type II, medical building with subterranean parking. Responsibilities included contracting out all phases of shell construction of 22,000 square feet of rentable area for medical use, collaborative oversight concerning architectural, mechanical, electrical, and plumbing plans preparation, assisting with design research and decision-making, obtaining various permits, and preparing costs and budgets. After construction, he also served as Property and Asset Manager.

California Department of Fish and Game, Carpinteria Creek Watershed Plan, Carpinteria, CA. Mr. Montague collaborated with local and state government representatives, and various stakeholders, to aid in preparing the Carpinteria Creek Watershed Plan under the Cachuma Resource Conservation District for the California Department of Fish and Game (CDFG). Work consisted of research, meetings, various field assessments, report writing, and map creation. The Plan served as an amendment to the Water Quality Control Plan for the Central Coast Region.

ALTA@6th & Market Mixed-Use Redevelopment. While constructing Alta, a 21-story mixed use development in downtown San Diego, Anka Development's contractor discovered unidentified contamination during mass excavation. Approximately 90 percent of the subsurface was impacted by gasoline releases from off-site sources. Dr. Bishop provided litigation support services on behalf of the Anka in their cost recovery efforts.

Big Bear Galleria Subsurface Investigation. Dr. Bishop completed a Phase I environmental site assessment for Big Bear Galleria, LLC who is acquiring 8.35 acres of land in Big Bear, California. After completing the assessment, he identified underground storage tanks and inground hydraulic lifts at the site. Based on the recognized environmental conditions, the shallow depth to groundwater, and the planned acquisition of the Site, Dr. Bishop proceeded with a subsurface investigation. The investigation used borings to assess the concentrations of total petroleum hydrocarbon, volatile organic compounds, and polychlorinated biphenyls in the shallow soil and groundwater. A geophysical survey was conducted to identify geophysical anomalies.

Poway As Needed Environmental Services. The Poway Redevelopment Agency is redeveloping several areas along major transportation corridors. To resolve environmental issues and obtain regulatory agency compliance, Dr. Bishop provides providing environmental consulting services. These services include completing Phase I environmental site assessments and subsurface investigations.

Lemon Grove Environmental Services. To gather information about contamination from current and historical land uses, Dr. Bishop completed environmental site assessments of parcels in Lemon Grove's Redevelopment Area. During the assessments, possible risks to human health and the environment from current and past land uses were discovered. The assessments indicated that several dry cleaners and automotive repair shops have been or are currently located in the area. One significant dry cleaning solvent plume was identified. Planning is underway for appropriate cleanup strategies for impacted properties, including institutional controls.

Pacific Gateway Development. The Pacific Gateway Development effort will redevelop eight blocks into several high-rise buildings, a museum, offices, and hotels. The project will include extensive underground parking. Dr. Bishop conducted historical research to prepare the area for redevelopment. Materials reviewed included historical maps, directories, aerial photographs, previous reports, past newspaper accounts, and other written histories going back to the beginning of the 20th century. The research discovered the site originally consisted of bay flat, tidal flats, and marshes around the margins of San Diego Bay. Around 1914 the site was reclaimed by hydraulically placed fill dredged from San Diego Bay. Historical land uses included uncontrolled dumping at a "garbage wharf," fuel storage and hauling company, gas stations, coal bunkers and associated rail operations, and 11 underground storage tanks were removed or abandoned in place. There was evidence a manufactured gas plant may have been on the site.

FF Development 5201 Ruffin Road Regulatory Database Review. FF Development is proposing to redevelop 19.38 acres along Ruffin Road in San Diego, California for residential use. To assess the potential impacts from offsite sources of toxic or hazardous air contaminants and toxic or hazardous substances at commercial and industrial facilities within a quarter mile of

the site, Dr. Bishop completed a regulatory agency records review. The review identified several facilities within a quarter mile of the site do handle or have handled hazardous materials. Based on Dr. Bishop's research, the depth to groundwater in the vicinity of the site, location of the facilities with respect to the interpreted groundwater flow direction, and his experience, Dr. Bishop indicated there is a low likelihood that a recognized environmental condition exists.

Los Vientos Redevelopment Environmental Site Assessments. Dr. Bishop completed Phase I and II environmental site assessments for this taxed credit, multi-tenant, low-income housing redevelopment project. The Phase II environmental site assessment used a soil vapor survey, geophysical survey, and soil sampling to determine the presence and concentrations of environmental contaminants. An asbestos and lead-based paint survey was completed that included bulk sampling of suspect asbestos-containing materials and lead-based paints. Findings were presented in a report with figures and tables depicting sampling and material locations, abatement cost estimates, and technical specifications for removal.

Port of San Diego Environmental Services. The Port of San Diego routinely determines environmental conditions for properties within their jurisdiction. Several areas of the Port of San Diego are environmentally impaired from industrial and commercial uses. Dr. Bishop assisted the Port of San Diego with determining environmental issues at these sites and developing approaches for remediation. Services provided by Dr. Bishop included environmental assessments, remediation, permitting, regulatory compliance, hazardous waste management and disposal, and risk assessment.

Due Diligence Environmental Site Assessments. Working with developers, investors, and lending institutions, Dr. Bishop completes Phase I environmental site assessments for property transactions as part of the due diligence process required by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980. Dr. Bishop has completed the following Phase I environmental site assessments:

- 5th Rock LLC- Fifth Avenue Redevelopment Site, San Diego, California
- Spinnaker Waterfront Hotel, LLC-Spinnaker Hotel, San Diego, California
- Sunroad Development-Main Street Development, Chula Vista, California
- AMCAL Multi-Housing, Inc.-555 9th Avenue Residential Redevelopment, Oakland, California
- AMCAL Multi-Housing, Inc.-4th Avenue Residential Redevelopment, El Centro, California
- Cruzan Monroe-Camino Corporate Center, Carlsbad, California
- Community Housing Works – Alabama Street Multi-Family Residential, San Diego, California
- Copley Park Developers, LLC, Copley Park Place Development, San Diego, California
- Global Premier-Monterey Family Apartments, San Jose, California
- La Maestra Community Health Centers-43rd and University Community Health Center, San Diego, California
- Pioneer Centers- Miramar Audi and Volkswagen, San Diego, California